CITY OF SACRAMENTO
COMMUNITY DEVELOPMENT DEPARTMENT

The Enclave at Airport Road Project (P25-010)

Modified Initial Study/15183 Checklist

December 2025

Prepared by

RANEY PLANNING & MANAGEMENT, INC.
25 years
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TABLE OF CONTENTS

APPENDICES:

MODIFIED INITIAL STUDY
DECEMBER 2025

A. PROJECT SUMMARY

1. Project Title: The Enclave at Airport Road Project (P25-010)

2. Lead Agency Name and Address: City of Sacramento
Community Development Department
300 Richards Boulevard, Third Floor
Sacramento, CA 95811

3. Lead Agency Contact and Phone Number: Scott Johnson
Principal Planner
(916) 808-5842

4. Project Location: 3600 Airport Road
Sacramento, CA 95834
Assessor's Parcel Number (APN): 225-015-0055

5. Project Applicant: Andrew MacDonald
Cartwright Nor Cal, Inc.
3010 Lava Ridge Court, Suite 160
Roseville, CA 95661

6. Existing General Plan Designation: Neighborhood (N)

7. Existing Zoning Designation: Single-Unit or Duplex Dwelling (R-1A)

8. Proposed Zoning Designation: Single-Unit or Duplex Dwelling, Planned Unit Development (R-1A-PUD)

9. Required Approvals from Other Public Agencies: None

10. Project Location and Setting:

The project site is an approximately 2.03-acre parcel identified by APN 225-015-0055 and is located at 3600 Airport Road in the City of Sacramento, California. The project site is developed with an existing farmstead and small agricultural buildings. Surrounding existing land uses include single-family residences to the north and east; a single-family residence and associated agricultural warehouse to the south, across Tanzanite Avenue; and single-family residences to the west, across Airport Road. The project site is located in the North Natomas Community Plan area. The City of Sacramento 2040 General Plan designates the site as N and the site is zoned R-1A.

11. Project Description Summary:

The Enclave at Airport Road Project (proposed project) would include the development of a 32-unit two-story single-family subdivision and associated internal "Private Alley"

roadways. Primary site access would be provided by three new driveways from Tanzanite Avenue. The proposed project would require City approval of a Development Agreement, Rezone, Amendment to the Natomas Crossing Planned Unit Development (PUD), Tentative Map, and Site Plan and Design Review.

12. Status of Native American Consultation Pursuant to Public Resources Code Section 21080.3.1:

    Assembly Bill (AB) 52 (Public Resources Code [PRC] Section 21080.3.1) notification to tribes is not required for the proposed project given that this checklist determines no additional environmental review is required for the project, consistent with CEQA Guidelines Section 15183.

B. SOURCES

The following documents are referenced information sources used for the analysis within this Modified Initial Study:

1. California Building Standards Commission. *2022 California Green Building Standards Code*. 2023.
2. California Department of Conservation. *California Important Farmland Finder*. Available at: https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed July 2025.
3. California Department of Fish and Wildlife. *RareFind*. Available at: https://apps.wildlife.ca.gov/rarefind/view/RareFind.aspx. Accessed July 2025.
4. California Department of Forestry and Fire Protection. *Fire Hazard Severity Zones in State Responsibility Area*. Available at: https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones. Accessed July 2025.
5. California Department of Resources Recycling and Recovery (CalRecycle). *Facility/Site Summary Details: Sacramento County Landfill (Kiefer) (34-AA-0001).* Available at: https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/2070?siteID=2507. Accessed July 2025.
6. California Department of Transportation. *California State Scenic Highway System Map*. Available at: https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807c46cc8e8057116f1aacaa/. Accessed July 2025.
7. California Environmental Protection Agency. *GeoTracker.* Available at: https://geotracker.waterboards.ca.gov/search. Accessed July 2025.
8. City of Sacramento. *2023 Consumer Confidence Report*. Available at: https://www.cityofsacramento.org/Utilities/Reports. Accessed July 2025.
9. City of Sacramento. *City of Sacramento 2020 Urban Water Management Plan.* June 2021.
10. City of Sacramento. *Final Master Environmental Impact Report Sacramento 2040 General Plan and Climate Action and Adaptation Plan.* Certified February 27, 2024.
11. City of Sacramento. *Sacramento 2040 General Plan.* Adopted February 27, 2024.
12. City of Sacramento. *Sacramento 2040 Technical Background Report*. Adopted January 19, 2021.
13. Department of Toxic Substances Control. *EnviroStor.* Available at: https://www.envirostor.dtsc.ca.gov/public/map. Accessed July 2025.
14. Federal Emergency Management Agency. *Flood Insurance Rate Map 06067C0045J*. Effective June 16, 2015.
15. Lush Geosciences, Inc. *Phase I Environmental Site Assessment*. April 7, 2025.

16. Natomas Unified School District. *Developer Fee Information and Reporting*. Available at: https://www.natomasunified.org/departments/facilities-and-strategic-planning/developer-fee-information-and-reporting. Accessed July 2025.
17. Natural Resources Conservation Service. *Web Soil Survey*. Available at: https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx. Accessed July 2025.
18. Sacramento Area Council of Governments. *Sacramento International Airport Land Use Compatibility Plan*. December 12, 2013.
19. Sacramento County. *Sacramento County Local Hazard Mitigation Plan*. July 2021. Available at: https://waterresources.saccounty.gov/stormready/Pages/Local-Hazard-Mitigation-Plan-2017-Update.aspx. Accessed July 2025.
20. Sacramento Metropolitan Air Quality Management District. *Guide to Air Quality Assessment, Chapter 4: Operational Criteria Air Pollutant and Precursor Emissions*. October 2020.
21. Sacramento Metropolitan Air Quality Management District. *Guide to Air Quality Assessment in Sacramento County.* Revised April 2021.
22. Sacramento Metropolitan Air Quality Management District. *SMAQMD* Operational Screening Levels. April 2018.
23. State Water Resources Control Board. *Active CDO and CAO*. Available at: https://calepa.ca.gov/sitecleanup/corteselist/. Accessed July 2025.
24. U.S. Census Bureau. *QuickFacts Sacramento city, California*. Available at: https://www.census.gov/quickfacts/sacramentocitycalifornia. Accessed July 2025.
25. U.S. Department of Conservation. *Earthquake Zones of Required Investigation*. Available at: https://maps.conservation.ca.gov/cgs/informationwarehouse/eqzapp/. Accessed July 2025.

C. BACKGROUND AND INTRODUCTION

The following provides a background of the proposed project, as well as a description of this Modified Initial Study's approach to evaluating the proposed project's consistency with California Environmental Quality Act (CEQA) Section 15183 and Government Code Sections 65915 through 65918.

CEQA Guidelines Section 15183

This Modified Initial Study identifies and analyzes the potential environmental impacts of the proposed project. The information and analysis presented in this document is organized in accordance with the order of the CEQA checklist in Appendix G of the CEQA Guidelines.

On February 27, 2024, the City of Sacramento adopted the 2040 General Plan,[1] which became effective on March 28, 2024. The City of Sacramento also certified a Master Environmental Impact Report (MEIR) associated with the 2040 General Plan on February 27, 2024.[2] The General Plan MEIR is a master EIR, prepared pursuant to Section 15169 of the CEQA Guidelines (Title 14, California Code of Regulations [CCR], Sections 15000 et seq.). The General Plan MEIR analyzed full implementation of the General Plan and identified measures to mitigate the significant adverse impacts associated with the General Plan to the maximum extent feasible.

The City's 2040 General Plan designates the project site as Neighborhood (N), which is intended to maintain and enhance livability and sense of place. The N designation is primarily comprised of residential uses, with complementary neighborhood-serving commercial and public uses. Specific examples of allowable uses include detached and attached residential dwelling units,

[1] City of Sacramento. *Sacramento 2040 General Plan.* Adopted February 27, 2024.
[2] City of Sacramento. *Final Master Environmental Impact Report Sacramento 2040 General Plan and Climate Action and Adaptation Plan.* Certified February 27, 2024.

neighborhood support uses (schools, parks, libraries, community centers, and care facilities), neighborhood-serving commercial and employment uses (corner markets, coffee shops, hair salons, shops, gyms, and fitness centers), office uses, assembly facilities, and compatible public and quasi-public uses. The proposed project would include the development of a 32-unit single-family subdivision, which is consistent with the site's N land use designation. Pursuant to Section 15183 of the CEQA Guidelines, where a project is consistent with the use and density established for a property under an existing general plan or zoning ordinance for which the City has already certified an EIR, additional environmental review is not required "except as might be necessary to examine whether there are project-specific significant effects which are peculiar to the project or its site." If such requirements are met, the examination of environmental effects is limited to those which the agency determines, in an Initial Study or other analysis:

1. Are peculiar to the project or the parcel on which the project would be located;
2. Were not analyzed as significant effects in a prior EIR on the zoning action, general plan or community plan with which the project is consistent;
3. Are potentially significant off-site impacts and cumulative impacts which were not discussed in the prior EIR prepared for the general plan, community plan or zoning action; or
4. Are previously identified significant effects which, as a result of substantial new information which was not known at the time the EIR was certified, are determined to have a more severe adverse impact than discussed in the prior EIR.

As set forth by Section 15183 of the CEQA Guidelines, the City's General Plan MEIR serves as a basis for the Modified Initial Study to determine if project-specific impacts would occur that are not adequately covered in the previously certified MEIR.

This Modified Initial Study indicates whether the proposed project would result in a significant impact that: (1) is peculiar to the project or the project site; (2) was not identified as a significant effect in the General Plan MEIR; or (3) are previously identified significant effects, which as a result of substantial new information that was not known at the time that the General Plan MEIR was certified, are determined to have a more severe adverse impact than discussed in the General Plan MEIR.

Regarding "peculiar" impacts, CEQA Guidelines Section 15183(f) states the following:

> An effect of a project on the environment shall not be considered peculiar to the project or the parcel for the purposes of this section if uniformly applied development policies or standards have been previously adopted by the city or county with a finding that the development policies or standards will substantially mitigate that environmental effect when applied to future projects, unless substantial new information shows that the policies or standards will not substantially mitigate the environmental effect. The finding shall be based on substantial evidence which need not include an EIR.

D. PROJECT DESCRIPTION

The following provides a description of the project site's current location and setting, as well as the proposed project components and the discretionary actions required for the project.

Project Location and Setting

The project site is an approximately 2.03-acre parcel identified by APN 225-015-0055 and is located at 3600 Airport Road in the City of Sacramento, California (see Figure 1 and Figure 2). The project site is developed with an existing farmstead and small agricultural buildings.

Figure 1
Regional Vicinity Map

Figure 2
Project Site Boundaries

Surrounding existing uses include single-family residences to the north and east; a single-family residence and associated agricultural warehouse to the south, across Tanzanite Avenue; and single-family residences to the west, across Airport Road. The project site is located in the North Natomas Community Plan area, is designated N by the Sacramento 2040 General Plan, and is zoned R-1A.

Project Components

The proposed project would include the development of a 32-unit two-story single-family subdivision and associated internal "Private Alley" roadways (see Figure 3). Each of the 32 units would consist of three bedrooms, 2.5 bathrooms, and a two-car garage, and would range from1,932-square feet (sf) to 2,088-sf. Primary site access would be provided by three new driveways along Tanzanite Avenue on the project site's southern frontage. The proposed project would include the demolition of the existing farmstead and small agricultural buildings currently located on the project site. Additional detail regarding the proposed project's parking, access, and circulation; landscaping and design; and utility infrastructure is provided below.

Parking, Access, and Circulation

Primary site access would be provided by three new driveways along Tanzanite Avenue on the project site's southern frontage. The proposed project would include a private internal roadway system, labeled "Private Alley" on Figure 3, comprised of one roadway extending throughout the project site and one roadway that would provide access to lots 25 through 28 (see Figure 4). The private streets would include a 20-foot right-of-way (ROW) throughout the project site that expands to 24 feet at the entrance of the private driveways. The proposed street system would be bordered by gutter and curb improvements and would provide two pedestrian connections throughout the project site, by way of new sidewalks along the roadways as well as through a sidewalk extension between lots 16 and 17 to Airport Road on the project site's western frontage.

The proposed project would provide a total of 76 parking stalls for future residents, comprised of a two-car garage in each unit and 12 parking stalls located on the Private Alley to the north of the project site. The proposed project would include improvements to Tanzanite Avenue, including the addition of a five-foot sidewalk and vertical curb and gutter improvements alongside the westernmost private driveway entrance and the addition of a six-foot apron with the purpose of bridging the gap between the driveways and the road alongside the other two private driveway entrances.

Landscaping and Design Improvements

Landscaping improvements would be provided throughout the site. All landscaping would comply with the Water Efficient Landscape Requirements contained in Chapter 15.92 of the City Code. Trees, shrubs, and groundcover would be provided throughout the project site, surrounding the proposed residences and along the project site's southern frontage along Tanzanite Avenue (see Figure 5). The trees located through the project site and along Tanzanite Avenue would be a combination of shade trees and accent trees including red push pistache, emerald sunshine elm, village green Japanese zelkova, Oklahoma red, Chinese fringe tree, white crape myrtle, and kay parris southern magnolia. A combination of shrubs, accent plants, and groundcover would be located throughout the project site, including in between and in front of residential units, as well as lining the pedestrian connections.

Figure 3
Tentative Subdivision Map

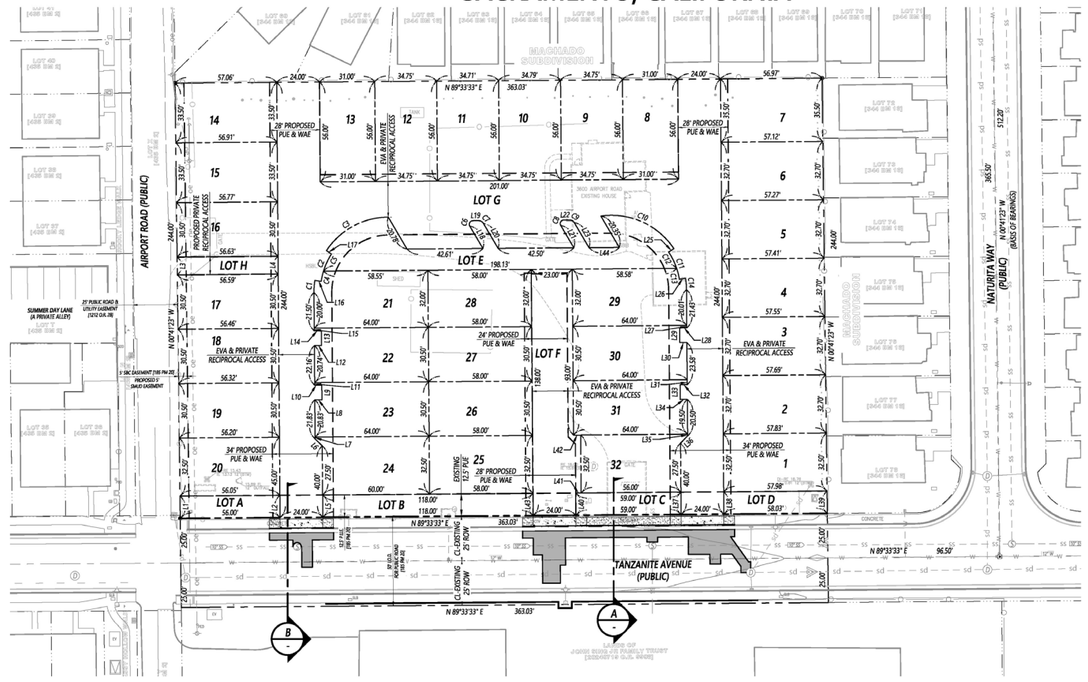
TENTATIVE MAP FOR

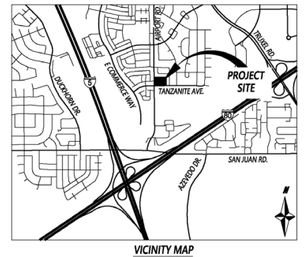
THE ENCLAVE AT AIRPORT ROAD

225-0150-055
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

LINE TABLE		
LINE #	LENGTH	BEARING
L1	12.50'	N0° 41' 23"W
L2	12.50'	N0° 26' 27"W
L3	10.00'	N0° 41' 23"W
L4	10.00'	N0° 26' 27"W
L5	12.50'	N0° 26' 27"W
L6	5.66'	N45° 26' 27"W
L7	1.00'	N0° 26' 27"W
L8	4.00'	N89° 33' 33"E
L9	8.25'	N0° 26' 27"W
L10	4.00'	S89° 33' 33"W
L11	1.42'	S0° 26' 27"E
L12	4.00'	N89° 33' 33"E
L13	8.25'	N0° 26' 27"W
L14	4.00'	S89° 33' 33"W
L15	1.51'	N0° 26' 27"W
L16	3.59'	S81° 02' 16"E
L17	3.41'	S59° 39' 00"E
L18	14.54'	N20° 26' 27"W
L19	3.30'	S89° 33' 33"W
L20	16.27'	N30° 26' 27"W
L21	14.54'	N30° 26' 27"W
L22	3.30'	N89° 33' 33"E
L23	16.27'	S30° 26' 27"E
L25	3.51'	S56° 14' 50"W
L26	3.50'	N80° 47' 19"E
L27	1.42'	S0° 26' 27"E
L28	4.00'	S89° 33' 33"W
L29	8.25'	S0° 26' 27"E
L30	4.00'	S89° 33' 33"W
L31	2.75'	S0° 26' 27"E
L32	4.00'	S89° 33' 33"W
L33	8.25'	S0° 26' 27"E
L34	4.00'	N89° 33' 33"E
L35	1.00'	S0° 26' 27"E
L36	5.66'	S44° 33' 33"W
L37	12.50'	N0° 26' 27"W
L38	12.50'	S0° 26' 27"E
L39	12.50'	S0° 41' 23"E
L40	12.50'	S0° 26' 34"E
L41	3.00'	N89° 33' 33"E
L42	4.00'	S89° 33' 33"W
L43	12.50'	S0° 26' 27"E
L44	17.00'	N89° 33' 33"E

CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	6.89'	42.00'	9.40°
C2	16.50'	38.50'	24.56°
C3	41.05'	42.00'	56.01°
C4	5.89'	38.50'	8.76°
C5	10.61'	38.50'	15.79°
C6	4.19'	2.00'	120.00°
C7	3.14'	3.00'	60.00°
C8	4.19'	2.00'	120.00°
C9	3.14'	3.00'	60.00°
C10	47.27'	42.00'	64.49°
C11	16.50'	38.50'	24.56°
C12	10.19'	38.50'	15.16°
C13	6.31'	38.50'	9.39°
C14	6.42'	42.00'	8.76°





VICINITY MAP
NOT TO SCALE

TENTATIVE MAP NOTES:

SUBDIVISION NAME: THE ENCLAVE AT AIRPORT ROAD
ASSESSOR'S PARCEL NUMBER
(APN): 225-0150-055

PROPERTY OWNER / SUBDIVIDER:
PARAMDEEP SINGH
1469 EMERGING TECH LLC
4067 GLOSTER WAY
SACRAMENTO, CA 95834

APPLICANT/CIVIL ENGINEER:
CARTWRIGHT NOR CAL, INC.
ANDREW MACDONALD
3010 LAVA RIDGE CT, SUITE 160
ROSEVILLE, CA 95661
PHONE: 916-978-4001
ANDREWM@CARTWRIGHTENGINEERS.COM

SITE SURVEYOR:
BARBER SURVEYING, INC.
SHANE R. BARBER
261 BORING CT
LIVERMORE, CA 94551
PHONE: 925-344-6461
SBARBER@BARBERSURVEYING.COM

DATE OF SURVEY: MAY 2025

FLOOD PLAIN:
ZONE A99, SPECIAL FLOOD HAZARD AREA WITHOUT BASE FLOOD ELEVATION.
CITY OF SACRAMENTO
COMMUNITY PANEL NUMBER 06067C0045J - JUNE 2015

FIRE DISTRICT:
CITY OF SACRAMENTO

POLICE DISTRICT:
CITY OF SACRAMENTO - DISTRICT 2

SCHOOL DISTRICT:
NATOMAS UNIFIED SCHOOL DISTRICT

PARK DISTRICT:
CITY OF SACRAMENTO

WATER DISTRICT:
CITY OF SACRAMENTO WATER

REFUSE DISTRICT:
CITY OF SACRAMENTO SOLID WASTE SERVICES

STORM DRAIN DISTRICT:
CITY OF SACRAMENTO DEPT OF UTILITIES

SANITARY SEWER DISTRICT:
SACSEWER

EXISTING/PROPOSED ZONING:
EXISTING R-1A-SINGLE FAMILY
PROPOSED R-1A-PUD-SINGLE FAMILY

EXISTING USE:
RESIDENTIAL - SINGLE FAMILY

PROPOSED USE:
RESIDENTIAL - 32 LOTS
OPEN SPACE - 6 LOTS
PRIVATE ROADS - 2 LOTS

EXISTING GENERAL PLAN DESIGNATION:
RESIDENTIAL

PROPOSED GENERAL PLAN DESIGNATION:
RESIDENTIAL

EXISTING PARCEL AREA(S):
(APN): 225-0150-055 = 88,247 S.F. / 2.03 AC

PROPOSED PARCEL AREA(S):
EXISTING GROSS AREA = 88,427 S.F. / 2.03 AC.
PROPOSED NET AREA (32 LOTS) = 88,427 S.F. / 2.03 AC
TOTAL AREA = 88,427 S.F. / 2.03 AC

PROPOSED DENSITY:
15.76 DU/ACRE (NET)

LEGEND

- EXISTING PROPERTY LINE
- EXISTING PARCEL LINE
- ADJACENT PROPERTY LINE
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING CENTER LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- EXISTING SANITARY SEWER LINE
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE
- EXISTING GAS LINE
- EXISTING ELECTRICAL LINE
- EXISTING 1-FT CONTOUR LINE
- EXISTING 5-FT CONTOUR LINE
- EXISTING TREE

DATUM NOTE:

BASIS OF BEARINGS: NORTH 00°41'23" WEST TAKEN ON THE CENTERLINE OF NATURITA WAY AS SHOWN ON THE FINAL MAP OF MACHADO SUBDIVISON

VERTICAL DATUM: NAVD 88 CITY OF SACRAMENTO BM 277-A2C (17.906')

GENERAL MAP NOTES:

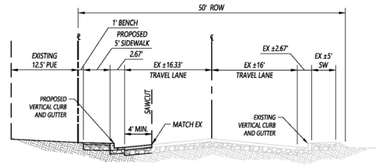
1. CURRENT ON-SITE CONDITION INCLUDES EXISTING SINGLE-FAMILY DWELLING UNIT WITH A DETACHED GARAGE AND SHED. THE EXISTING STRUCTURES, UTILITIES, ETC. THAT ARE IN CONFLICT WITH THE PROPOSED OFF-SITE IMPROVEMENTS SHALL BE REMOVED/RELOCATED.
2. EXISTING SITE IS RELATIVELY FLAT WITH THREE SUB-SHED DRAINAGE AREAS THAT SHEET FLOW SLIGHTLY FROM NORTHWEST TO WEST, FROM NORTH TO THE SOUTHWEST, AND FROM NORTHEAST TO SOUTHEAST.
3. SANITARY SEWER AND WATER SERVICE WILL BE PROVIDED BY EXISTING PUBLIC MAIN LINES IN TANZANITE AVENUE.
4. THIS SURVEY WAS PREPARED FROM INFORMATION FURNISHED IN A PARCEL MAP ENTITLED "MACHADO PARCEL MAP" FILED FOR RECORD ON OCTOBER 17, 2005 IN BOOK 185 OF PARCEL MAPS AT PAGE 20, SACRAMENTO COUNTY RECORDS. NO LIABILITY IS ASSUMED FOR MATTERS OF RECORD NOT STATED IN SAID PARCEL MAP THAT MAY AFFECT THE BOUNDARY LINES, EXCEPTIONS, OR EASEMENTS AFFECTING THE PROPERTY.
5. THE BOUNDARY AND TOPOGRAPHIC SURVEY SHOWN HEREON WAS PERFORMED UNDER THE DIRECTION OF SHANE R. BARBER, LS 9097.
6. NO VERNAL POOLS OR WETLANDS EXIST ON THE SITE. THERE IS (4) 3"-4" TREES, (77) 6" TREES, AND (23) 8"-18" TREES ON-SITE.
7. DUE TO THE PROPOSED DEVELOPMENT, ALL TREES ARE TO BE REMOVED, NONE ARE PROTECTED.

PARKING NOTE:

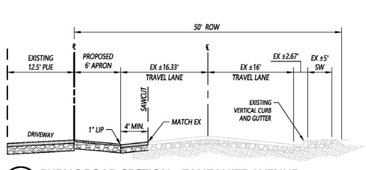
12 ON-SITE PARKING STALLS ARE PROPOSED ALONG THE PRIVATE ALLEY ACROSS FROM LOTS 8-13. REFER TO SITE PLAN.

PUBLIC EASEMENT NOTE:

A PUBLIC UTILITY EASEMENT (PUE) FOR DRY UTILITIES ONLY, AND A CITY WATER METER EASEMENT (WAE) WILL BE PROPOSED OVER AND 4' AND 10' ADJACENT TO THE ONSITE PRIVATE ALLEY. EMERGENCY VEHICLE ACCESS AGREEMENTS WILL BE PROVIDED OVER THE PRIVATE ALLEY THROUGH PORTIONS OF LOT 1-32 AND LOTS A-H.



A **PUBLIC ROAD SECTION - TANZANITE AVENUE**
NOT TO SCALE



B **PUBLIC ROAD SECTION - TANZANITE AVENUE**
NOT TO SCALE

PROPOSED PARCEL INFORMATION

PARCEL #	1	2	3	4	5	6	7	8	9-12	13	14	15	16
LOT AREA (SF)	1882	1889	1884	1880	1875	1870	2025	1736	1946	1736	1909	1904	1729
LOT AREA (AC)	0.043	0.043	0.043	0.043	0.043	0.043	0.046	0.040	0.045	0.040	0.044	0.044	0.040

PARCEL #	17	18	19	20	21	22, 23	24	25	26, 27	28	29	30, 31	32
LOT AREA (SF)	1724	1720	1716	1824	2021	1919	1962	1885	1769	1856	2020	1919	1832
LOT AREA (AC)	0.040	0.039	0.039	0.042	0.046	0.044	0.045	0.043	0.041	0.043	0.046	0.064	0.042

LOTS	A	B	C	D	E	F	G	H
LOT AREA (SF)	700	1475	738	725	3561	3317	17619	566
LOT AREA (AC)	0.016	0.034	0.017	0.017	0.082	0.076	0.404	0.013

N

0' 15' 30' 60'
SCALE: 1"=30'

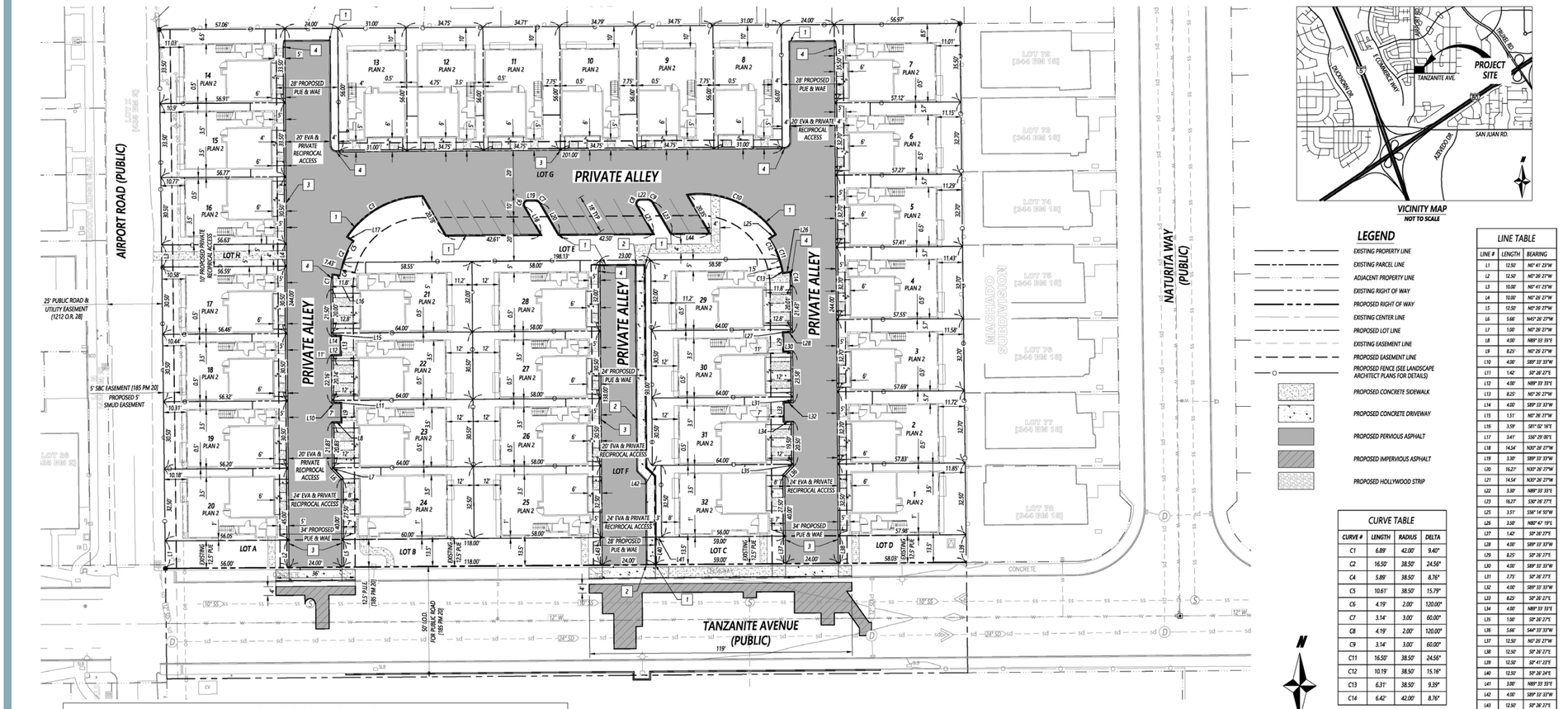
DATE: 09/29/2025
DRAWN BY: RS

REVISIONS		
DELTA	DATE	DESCRIPTION
1	-	-
2		
3		
4		
5		

CARTWRIGHT NOR CAL
CIVIL ENGINEERING & PROJECT MANAGEMENT
3010 LAVA RIDGE COURT, SUITE 160
ROSEVILLE, CALIFORNIA 95661
T (916) 978-4001
WWW.CARTWRIGHTENGINEERS.COM

Login Name: sgoenawa
Plot Date: September 29, 2025 - 4:15 pm
File Name: \\225002--3600 Airport Rd\CAD_GIS\Production Drawings\225002--00--TM.dwg

Figure 4
Preliminary Site Plan



VICINITY MAP
NOT TO SCALE

LEGEND

- EXISTING PROPERTY LINE
- EXISTING PARCEL LINE
- ADJACENT PROPERTY LINE
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING CENTER LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- PROPOSED FENCE (SEE LANDSCAPE ARCHITECT PLANS FOR DETAILS)
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE DRIVEWAY
- PROPOSED PERVIOUS ASPHALT
- PROPOSED IMPERVIOUS ASPHALT
- PROPOSED HOLLYWOOD STRIP

LINE TABLE

LINE #	LENGTH	BEARING
L1	12.50'	N0° 41' 23"W
L2	12.50'	N0° 26' 27"W
L3	10.00'	N0° 41' 23"W
L4	10.00'	N0° 26' 27"W
L5	12.50'	N0° 26' 27"W
L6	5.66'	N45° 36' 27"W
L7	1.00'	N0° 26' 27"W
L8	4.00'	N88° 33' 33"E
L9	8.25'	N0° 26' 27"W
L10	4.00'	S89° 33' 33"W
L11	1.42'	S0° 28' 27"E
L12	4.00'	N89° 33' 33"E
L13	8.25'	N0° 26' 27"W
L14	4.00'	S89° 33' 33"W
L15	1.51'	N0° 26' 27"W
L16	3.59'	S81° 02' 16"E
L17	3.41'	S56° 29' 00"E
L18	14.54'	N20° 26' 27"W
L19	3.30'	S89° 33' 33"W
L20	16.27'	N20° 26' 27"W
L21	14.54'	N20° 26' 27"W
L22	3.30'	N88° 33' 33"E
L23	16.27'	S20° 26' 27"E
L25	3.51'	S56° 14' 55"W
L26	3.50'	N80° 47' 19"E
L27	1.42'	S0° 26' 27"E
L28	4.00'	S89° 33' 33"W
L29	8.25'	S0° 26' 27"E
L30	4.00'	S89° 33' 33"W
L31	2.75'	S0° 26' 27"E
L32	4.00'	S89° 33' 33"W
L33	8.25'	S0° 26' 27"E
L34	4.00'	N89° 33' 33"E
L35	1.00'	S0° 26' 27"E
L36	5.66'	S44° 33' 33"W
L37	12.50'	N0° 26' 27"W
L38	12.50'	S0° 26' 27"E
L39	12.50'	S0° 41' 23"E
L40	12.50'	S0° 26' 24"E
L41	3.00'	N89° 33' 33"E
L42	4.00'	S89° 33' 33"W
L43	12.50'	S0° 26' 27"E
L44	17.00'	N89° 33' 33"E

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C1	6.89'	42.00'	9.40°
C2	16.50'	38.50'	24.56°
C4	5.89'	38.50'	8.76°
C5	10.61'	38.50'	15.79°
C6	4.19'	2.00'	120.00°
C7	3.14'	3.00'	60.00°
C8	4.19'	2.00'	120.00°
C9	3.14'	3.00'	60.00°
C11	16.50'	38.50'	24.56°
C12	10.19'	38.50'	15.16°
C13	6.31'	38.50'	9.39°
C14	6.42'	42.00'	8.76°

N

0' 10' 20' 40'
SCALE: 1"=20'

PROJECT SUMMARY:

SUBDIVISION NAME: THE ENCLAVE AT AIRPORT ROAD
ASSESSOR'S PARCEL NUMBER (APN): 225-0150-055

EXISTING/PROPOSED ZONING:
EXISTING R-1A SINGLE FAMILY
PROPOSED R-1A-PUD-SINGLE FAMILY

LOT SUMMARY:

EXISTING USE:
RESIDENTIAL-SINGLE FAMILY

PROPOSED USE:
RESIDENTIAL - 32 LOTS
OPEN SPACE - 6 LOTS
PRIVATE ROAD - 2 LOTS

EXISTING GENERAL PLAN DESIGNATION:
RESIDENTIAL

PROPOSED GENERAL PLAN DESIGNATION:
RESIDENTIAL

EXISTING PARCEL AREA(S):
(APN): 225-0150-055 = 88,427 S.F. / 2.03 AC

PROPOSED PARCEL AREA(S):
TOTAL PROPOSED NET AREA = 88,427 S.F. / 2.03 AC
TOTAL PROPOSED GROSS AREA = 88,427 S.F. / 2.03 AC

PROPOSED DENSITY:
15.76 DU/ACRE (NET)

ON-SITE CONSTRUCTION KEYNOTES:

1. CONSTRUCT STANDARD VERTICAL CURB.
2. CONSTRUCT ZERO CURB.
3. CONSTRUCT ROLLED CURB.
4. CONSTRUCT VERTICAL TO ROLLED CURB TRANSITION.

PROPOSED PARCEL INFORMATION

PARCEL #	1	2	3	4	5	6	7	8	9-12	13	14	15	16
LOT AREA (SF)	1882	1889	1884	1880	1875	1870	2025	1736	1946	1736	1909	1904	1729
LOT AREA (AC)	0.043	0.043	0.043	0.043	0.043	0.043	0.046	0.040	0.045	0.040	0.044	0.044	0.040
BLDG. FOOTPRINT (SF)	1106	1068	1068	1068	1068	1068	1068	1068	1068	1068	1068	1068	1068
NET BLDG. AREA (SF)	1658	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627
LOT COVERAGE (%)	58.8	56.5	56.7	56.8	57.0	57.1	52.7	61.5	54.9	61.5	55.9	56.1	61.8
FAR	0.88	0.86	0.86	0.87	0.87	0.87	0.80	0.94	0.84	0.94	0.85	0.85	0.94

PARCEL #	17	18	19	20	21	22, 23	24	25	26, 27	28	29	30, 31	32
LOT AREA (SF)	1724	1720	1716	1824	2021	1919	1962	1885	1769	1856	2020	1919	1832
LOT AREA (AC)	0.040	0.039	0.039	0.042	0.046	0.044	0.045	0.043	0.041	0.043	0.046	0.044	0.042
BLDG. FOOTPRINT (SF)	1068	1068	1068	1106	1068	1068	1106	1106	1068	1068	1068	1068	1106
NET BLDG. AREA (SF)	1627	1627	1627	1658	1627	1627	1658	1658	1627	1627	1627	1627	1658
LOT COVERAGE (%)	61.9	62.1	62.2	60.6	52.8	55.7	56.4	58.7	60.4	57.5	52.9	55.7	60.4
FAR	0.94	0.95	0.95	0.91	0.81	0.85	0.85	0.88	0.92	0.88	0.81	0.85	0.91

Login Name: gigiordano
Plot Date/Time: Sep 29, 2025 - 4:11 pm
File Name: L:\2025\025-3600 Airport Rd\CAD_GIO\Production Drawings\2025025-00-SITE.dwg

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PRELIMINARY SITE PLAN
THE ENCLAVE AT AIRPORT ROAD
3600 AIRPORT RD
SACRAMENTO, CA

C1.0
DATE: 09/29/2025
SCALE: 1"=20'
DRAWN BY: RS

Figure 5
Preliminary Landscape Plan

PRELIMINARY PLANT LEGEND

SHADE TREE
SINGLE SPECIES AT EACH STREET SELECTED FOR SHADE AND MODERATE CANOPY GROWTH

PISTACIA X 'RED PUSH' / RED PUSH PISTACHE	15 GAL.
WUCOLS (L), 25' - 40' H X 25' - 40' W AT MATURITY.	
ULMUS PROPINQUA 'JFS-BIEBERICH' / EMERALD SUNSHINE® ELM	15 GAL.
WUCOLS (M), 25' - 40' H X 15' - 25' W AT MATURITY.	
ZELKOVA SERRATA 'VILLAGE GREEN' / VILLAGE GREEN JAPANESE ZELKOVA	15 GAL.
WUCOLS (M), 40' - 50' H X 40' - 50' W AT MATURITY.	

ACCENT TREE
ACCENT TREES: SMALLER SIZE SUITABLE FOR PLANTING ADJACENT HOMES. LOCATED NEAR FRONT WALK BUT NOT DIRECTLY IN LINE WITH DOORS OR WINDOWS

CERCIS CANADENSIS 'OKLAHOMA' / OKLAHOMA REDBUD	24" BOX
WUCOLS (M), 20' - 30' H X 20' - 30' W AT MATURITY.	
CHIONANTHUS RETUSUS / CHINESE FRINGE TREE	24" BOX
WUCOLS (M), 10' - 30' H X 10' - 30' W AT MATURITY.	
LAGERSTROEMIA INDICA 'NATCHEZ' / WHITE CRAPE MYRTLE	24" BOX
WUCOLS (L), 20' - 30' H X 15' - 20' W AT MATURITY.	
MAGNOLIA GRANDIFLORA 'KAY PARRIS' / KAY PARRIS SOUTHERN MAGNOLIA	24" BOX
WUCOLS (M), 15' - 20' H X 8' - 10' W AT MATURITY.	

SECONDARY TREE
EVERGREEN SECONDARY TREES FOR BUFFER

ELAEOCARPUS DECIPIENS / JAPANESE BLUEBERRY TREE	24" BOX
WUCOLS (M), 6' - 10' H X 3' - 8' W AT MATURITY.	
MAGNOLIA GRANDIFLORA 'LITTLE GEM' / DWARF SOUTHERN MAGNOLIA	24" BOX
WUCOLS (M), 15' - 20' H X 8' - 10' W AT MATURITY.	
PRUNUS CAROLINIANA / CAROLINA CHERRY LAUREL	24" BOX
WUCOLS (M), TREE FORM, 15' - 25' H X 15' - 25' W AT MATURITY.	
RHAPHIOLEPIS X 'MONTIC' TM / MAJESTIC BEAUTY INDIAN HAWTHORN	24" BOX
WUCOLS (M), TREE FORM, 15' - 25' H X 10' - 15' W AT MATURITY.	

REAR YARD TREE
FUTURE MEDIUM CANOPY TREES TO BE INSTALLED AS HOMES ARE BUILT. INSTALL SMALL CANOPY TREES UNDER EXISTING POWER LINE WHERE APPLICABLE

VERTICAL SCREEN
VERTICAL SCREENING SHRUBS - UPRIGHT HABIT, USED AGAINST WALLS, FENCES, ETC.

ELAEOCARPUS DECIPIENS 'LITTLE EMPEROR' / DWARF JAPANESE BLUEBERRY TREE	15 GAL.
WUCOLS (M), 8'-10' H X 6'-8' W AT MATURITY	
LAURUS X 'SARATOGA' / SARATOGA HYBRID LAUREL	15 GAL.
WUCOLS (L), 10'-15' H X 8'-10' W AT MATURITY	
LIGUSTRUM JAPONICUM 'TEXANUM' / TEXAS PRIVET	15 GAL.
WUCOLS (M), 10' H X 6' W AT MATURITY	
PODOCARPUS MACROPHYLLUS 'MAKI' / MAKI YEW PODOCARPUS	15 GAL.
WUCOLS (M), 8' -10' H X 6'-8' W AT MATURITY	
PRUNUS CAROLINIANA 'COMPACTA' / DWARF CAROLINA LAUREL	15 GAL.
WUCOLS (M), 8'-10' H X 6'-8' W AT MATURITY	

LARGE SHRUBS
LARGE, EVERGREEN SHRUBS USED AS FOUNDATION PLANTING, BACKGROUND PLANTING, AND FOR SCREENING.

ESCALLONIA X 'COMPACTA' / COMPACT ESCALLONIA	5 GAL.
WUCOLS (M), 3'-4' H X 5'-6' W AT MATURITY.	
PITTOSPORUM TOBIRA 'VARIEGATA' / VARIEGATED MOCK ORANGE	5 GAL.
WUCOLS (M), S/W EXPOSURES, 3'-5' H X 3'-6' W AT MATURITY.	
RHAPHIOLEPIS UMBELLATA 'MINOR' / DWARF YEDDO HAWHORNE	5 GAL.
WUCOLS (L), 4'-5' H X 4'-5' W AT MATURITY.	

ACCENT PLANTS
ACCENT PLANTS FOR SPECIAL INTEREST DUE TO UNIQUE FLOWERS OR FOLIAGE.

ABELIA X GRANDIFLORA 'KALEIDOSCOPE' / KALEIDOSCOPE GLOSSY ABELIA	5 GAL.
WUCOLS (M), 1'-3' H X 3'-6' W AT MATURITY	
DIANELLA REVOLUTA 'LITTLE REV' / 'LITTLE REV' FLAX LILY	5 GAL.
WUCOLS (L), S/W EXPOSURE, 2'-4' H X 1'-2' W AT MATURITY.	
DIETES VEGETA / FORTNIGHT LILY	5 GAL.
WUCOLS (L), 2'-3' H X 2'-3' W AT MATURITY.	
NANDINA DOMESTICA 'FIREPOWER' / FIREPOWER HEAVENLY BAMBOO	5 GAL.
WUCOLS (L), 1'-3' H X 1'-3' W AT MATURITY	
NANDINA DOMESTICA 'LEMON-LIME' / LEMON-LIME HEAVENLY BAMBOO	5 GAL.
WUCOLS (L), 1'-3' H X 1'-3' W AT MATURITY	
ROSA X 'MEIRADENA' / ICECAP™ FLORIBUNDA ROSE	5 GAL.
WUCOLS (L), 1.5-3' H X 1-3' H AT MATURITY. DO NOT USE ADJACENT TO WALKS	

SMALL VERTICAL SHRUBS
UPRIGHT SHRUBS FOR SMALL SPACES, TYPICALLY EVERGREEN.

BUXUS MICROPHYLLA JAPONICA 'GREEN BEAUTY' / GREEN BEAUTY JAPANESE BOXWOOD	5 GAL.
WUCOLS (M), 3'-5' H X 3'-6' W AT MATURITY.	
ESCALLONIA X 'NEWPORT DWARF' / NEWPORT DWARF ESCALLONIA	5 GAL.
WUCOLS (M), 2'-3' H X 4'-6' W AT MATURITY.	
ROSMARINUS OFFICINALIS 'BARBEQUE' / BARBEQUE ROSEMARY	5 GAL.
WUCOLS (L), 4'-5' H X 3'-4' W AT MATURITY	
SPIRAEA JAPONICA 'ANTHONY WATERER' / ANTHONY WATERER SPIREA	5 GAL.
WUCOLS (M), 3'-4' H X 4'-5' W AT MATURITY	

GROUNDCOVER
GROUNDCOVER: SPREADING PLANTS, TYPICALLY EVERGREEN, AS FOREGROUND AND TURF SUBSTITUTE.

ARCTOSTAPHYLOS X 'EMERALD CARPET' / EMERALD CARPET MANZANITA	1 GAL.	36" o.c.
WUCOLS (M), 1' H X 4' W AT MATURITY		
JUNIPERUS HORIZONTALIS 'BLUE RUG' / BLUE RUG JUNIPER	1 GAL.	36" o.c.
WUCOLS (L), ALL EXPOSURES, 0.5' H X 8' W AT MATURITY		
MYOPORUM PARVIFOLIUM / TRAILING MYOPORUM	1 GAL.	36" o.c.
WUCOLS (L), 1' H X 12' W AT MATURITY		
ROSMARINUS OFFICINALIS 'HUNTINGTON CARPET' / HUNTINGTON CARPET ROSEMARY	1 GAL.	36" o.c.
WUCOLS (L), ALL EXPOSURES, 1' - 2' H X 8' W AT MATURITY		
TRACHELOSPERMUM JASMINOIDES 'STAR' / STAR JASMINE	1 GAL.	36" o.c.
WUCOLS (M), 2' H AT MATURITY		

FLOWERING GROUNDCOVERS
LOW FLOWERING GROUNDCOVERS, USED TO ADD INTEREST AND COLOR AT CORNERS.

GREVILLEA LANIGERA 'MT. TAMBORITHA' / MT. TAMBORITHA WOOLLY GREVILLEA	1 GAL.	30" o.c.
WUCOLS (L), 1' - 2' H X 4' - 5' W AT MATURITY		
ROSA X 'MEIZORLAND' TM / WHITE DRIFT GROUNDCOVER ROSE	1 GAL.	30" o.c.
WUCOLS (M), ALL EXPOSURES, 1' - 1.5' H X 2.5' - 3' W AT MATURITY.		
ROSA X 'NOARE' / FLOWER CARPET® RED GROUNDCOVER ROSE	1 GAL.	30" o.c.
WUCOLS (M), ALL EXPOSURES, 2' - 3' H X 3' - 4' W AT MATURITY		
VERBENA CANADENSIS 'HOMESTEAD PURPLE' / HOMESTEAD PURPLE VERBENA	1 GAL.	30" o.c.
WUCOLS (L), 0.5' H X 1.5' - 2.5' W AT MATURITY		

IRRIGATION DESIGN STATEMENT

IRRIGATION SYSTEM WILL CONFORM TO THE LOCALLY ADOPTED MODEL WATER USE ORDINANCE. ALL LANDSCAPED AREAS SHALL BE IRRIGATED FROM INDIVIDUAL LOTS, BUT WILL BE HOA-MAINTAINED. CONTROLLER WILL BE "SMART" WITH SELF-ADJUSTING PROGRAMS BASED ON LOCAL WEATHER CONDITIONS. A EVAPOTRANSPIRATION/WEATHER SENSOR, RAIN SENSOR, FLOW SENSOR, AND MASTER VALVE WILL BE INSTALLED. HYDROZONES WILL BE BASED ON EXPOSURE; PLANT WATER REQUIREMENTS AND EMISSION TYPE. IRRIGATION EMISSION SYSTEM WILL GENERALLY CONSIST OF:

- POINT-SOURCE DRIP EMITTERS FOR ALL SHRUBS AND GROUNDCOVER
- DRIP RINGS FOR TREES

TREE PLANTING NOTES

1. STREET TREES:
   - 1.1. TREES WILL BE SPACED SUCH THAT ALL TREES ARE A MINIMUM OF 5' CLEAR OF ALL DRIVEWAY APRONS AND SIDEWALKS, 10' FROM STREET LIGHTS, 8' FROM TRANSFORMER, 5' FROM UTILITY LINES AND FIRE HYDRANTS.
   - 1.2. SPACE STREET TREES TO AVOID OBSTRUCTIONS (AND OMIT TREE IF REQUIRED BY SPECIFIC LOT CONDITIONS), BUT MAINTAIN AN AVERAGE SPACING OF 21'-25' O.C. ACROSS ALL FRONTAGE WITHIN THIS PROJECT.
   - 1.3. NO TREES SHALL BE PLANTED DIRECTLY ON PROPERTY LINES.

ROOT BARRIER NOTES

1. RIGID ROOT BARRIER: FOLLOW ALL JURISDICTIONAL REQUIREMENTS. AT MINIMUM IF NOT OTHERWISE REQUIRED OR NOTED: WHERE STREET TREES ARE WITHIN 5 FEET OF THE PAVING OR CURB (HARDSCAPE), PROVIDE A ROOT CONTROL BARRIER PANEL ALONG THE FACE OF HARDSCAPE. PANELS SHALL BE MINIMUM 18" DEEP. FROM CENTERLINE OF TREE, EXTEND PANELS EXTEND 10' IN EACH DIRECTION AT EDGE OF HARDSCAPE. ADDITIONALLY, MEDIANS WITH TREES SHALL HAVE A 24" DEEP CONTINUOUS ROOT CONTROL BARRIER PANEL. "ENCIRCLING" APPLICATIONS ARE NOT ALLOWED.
2. FLEXIBLE ROOT BARRIER: INSTALL FLEXIBLE ROOT BARRIER WITHIN 10 FEET OF THE SEWER MAIN LINES OR LATERALS, APPLICABLE TO ANY TREES OR SHRUBS PLANTED WITHIN THE EASEMENT AREA.

NGC Next Generation Capital

Roach & Campbell

September 5, 2025
Sacramento, CA
R&C PN: 25034A

0' 20' 40'
1" = 20'
N

Enclave at Airport Road
Preliminary Landscape Plan

L1

The proposed project would include three different types of privacy fences throughout the project site. Six-foot good neighbor fencing would be located along the northern and eastern project frontages, as well as in between the proposed residences. Eight-foot horizontal wood fencing would be located alongside residences facing the internal private roadway and to provide access to the backyard of each residence. A 6.17-foot (74-inch) precast fence system would be located alongside the Airport Road frontage.

Utilities

SMUD would provide electricity services to the project site through connections to existing infrastructure in the project vicinity. The proposed project would be an all-electric development, and, thus, natural gas services would not be provided to the site. Utilities for the proposed project, including water service, sewer service, and stormwater infrastructure, are discussed in further detail below.

Water

Treated water service for the proposed project would be provided by the City of Sacramento Department of Utilities (DOU). The City uses surface water from the American and Sacramento rivers, as well as groundwater north of the American River to meet the City's demands.

The proposed project would include installation of water lines throughout the internal roadway system (see Figure 6). The proposed water lines would connect to the existing 12-inch public water main in Tanzanite Avenue at each of the three proposed private driveway locations.

Wastewater

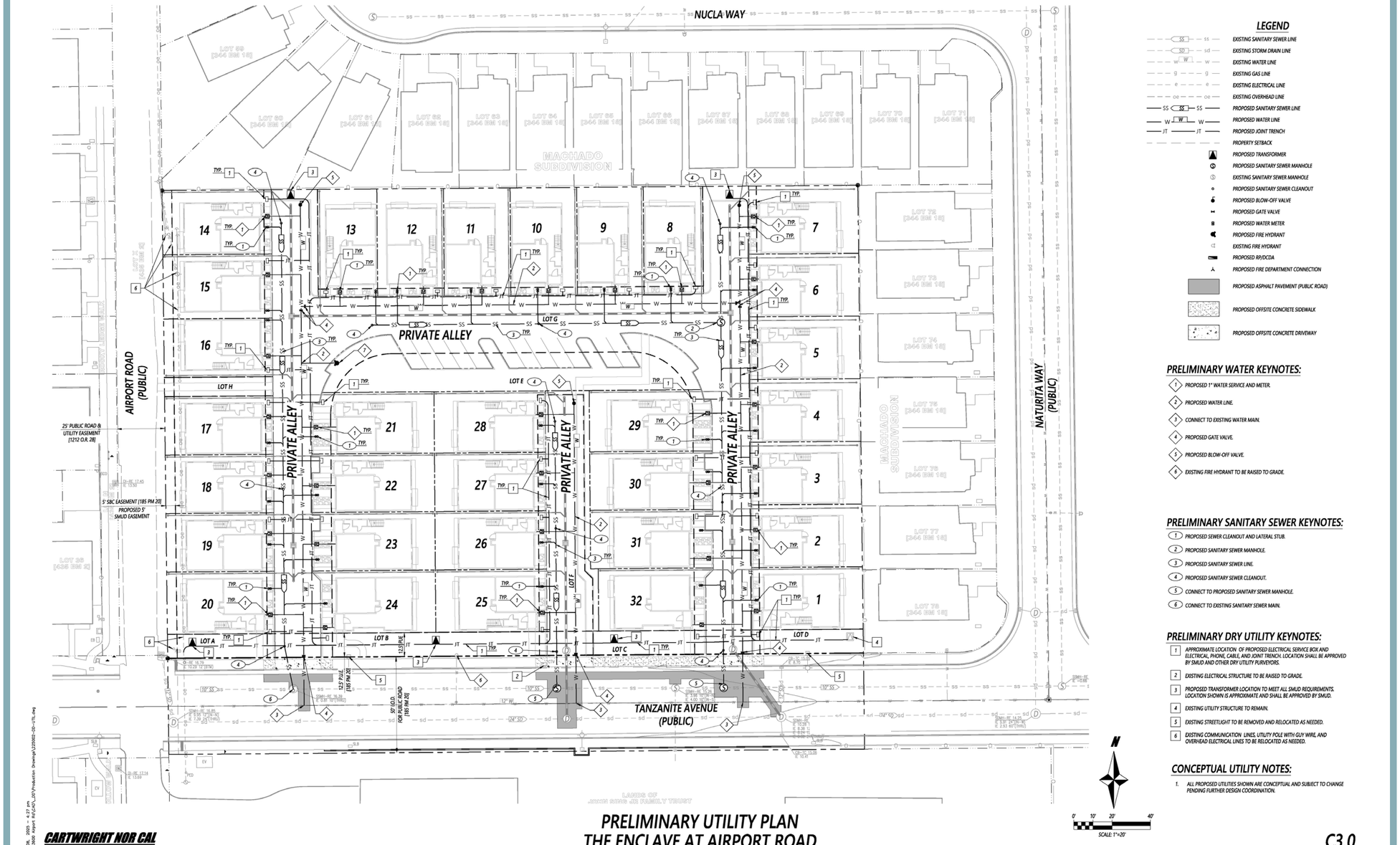
Wastewater treatment for the project area is currently provided by the Sacramento Area Sewer District (SacSewer). It should be noted that prior to December 26, 2023, SacSewer was represented by two independent special districts, a previous iteration of SacSewer and the Sacramento Regional County Sanitation District (Regional San). The Sacramento Local Agency Formation Commission (LAFCo) authorized a reorganization of the districts, dissolving the former SacSewer, annexing the district into Regional San, and subsequently naming the wastewater special district "Sacramento Area Sewer District."

Wastewater generated in the project area is collected in the City's separated sewer system through a series of sewer pipes and flows into the SacSewer interceptor system, where the sewage is conveyed to the EchoWater Resource Recovery Facility (EchoWater Facility). EchoWater Facility is owned and operated by SacSewer and provides sewage treatment for the entire City. The proposed project would include installation of sanitary sewer lines throughout the site that would connect to an existing 10-inch sanitary sewer line within Tanzanite Avenue, and flow into two proposed sanitary sewer manholes located within Tanzanite Avenue (see Figure 6).

Stormwater Drainage

The City's DOU provides storm drainage service throughout the City by using drain inlets, pumps, and canals. The City provides stormwater drainage through the City's Separated Sewer System which covers approximately 35 percent of the City and is comprised of primary "backbone" sewers, sewer sheds, and pump stations. Stormwater collected by the City is transported to SacSewer's EchoWater Facility, where runoff is then treated prior to discharge into the Sacramento River.

Figure 6
Preliminary Utilities Plan



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PRELIMINARY UTILITY PLAN
THE ENCLAVE AT AIRPORT ROAD
3600 AIRPORT RD
SACRAMENTO, CA

C3.0
DATE: 09/08/2025
SCALE: 1"=20'
DRAWN BY: RS

Existing stormwater drainage infrastructure in the project vicinity includes a 24-inch stormwater drain line in Tanzanite Avenue. Storm drainage inlets would collect stormwater runoff associated with the proposed project prior to discharge to a new on-site storm drain line. The proposed on-site storm drain line would connect to a proposed storm drain manhole and the existing 24-inch City stormwater drainage line located to the south of the project site within Tanzanite Avenue (see Figure 7). In addition, the internal roadways would consist of pervious pavement, allowing for infiltration of on-site stormwater.

Discretionary Actions

The proposed project would require City approval of a Development Agreement, Rezone, Amendment to the Natomas Crossing PUD, Tentative Map, and Site Plan and Design Review. Each project approval is described in further detail below.

Development Agreement

As defined in Section 18.16.020 of the City's Municipal Code, the Development Agreement would allow the City and the applicant to enter into an agreement to assure the City that the proposed project would be completed in compliance with the plans submitted by the applicant and assure the applicant of vested rights to develop the project.

Rezone and PUD Amendment

The proposed project would require approval of a Rezone to change the zoning designation of the project site from R-1A to R-1A-PUD in order to annex into the Natomas Crossing PUD. In addition, a Natomas Crossing PUD Guideline and Schematic Plan Amendment is required to add the 32 proposed units within Area 2 of the Natomas Crossing PUD (see Figure 8). The project site would be annexed into the Natomas Crossing PUD to create a site-specific development standard to allow for a garage forward design.

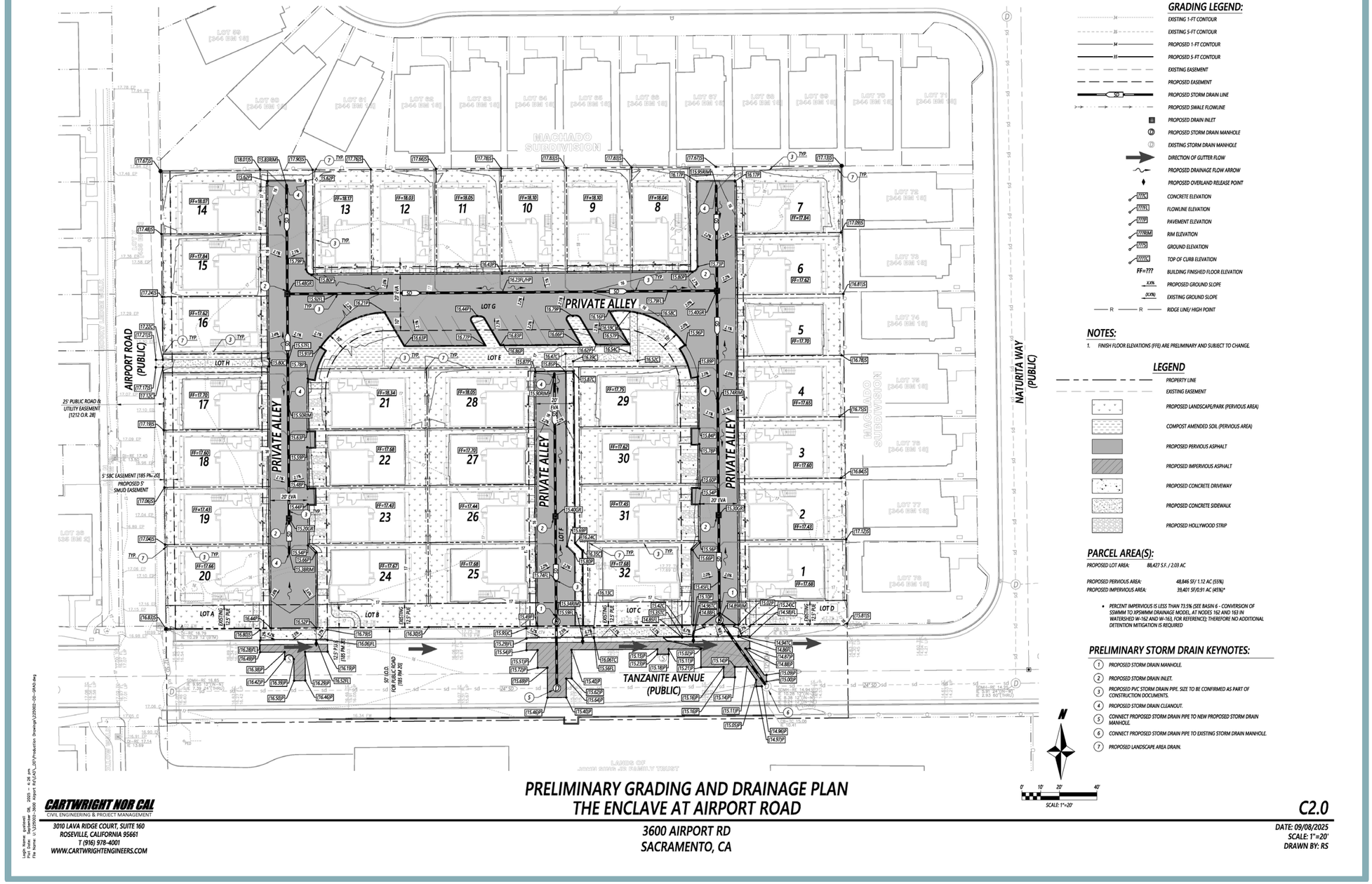
Tentative Map

As previously discussed, the proposed project would require approval of a Tentative Map to subdivide the project site into 32 single-family residential lots. The lots would range in size from 1,716 to 2,025 sf. In accordance with City development standards for the R-1A zone, including development standards within the City's Missing Middle Housing Interim Ordinance, each of the 32 proposed lots is anticipated to include a single-family residence with a maximum height of 35 feet. Each of the 32 single-family residences would also include a two-car garage located at the front of each residence.

Site Plan and Design Review

The proposed project would require approval of Site Plan and Design Review associated with the proposed project for conformance with City standards. As detailed in City Code Section 17.808.100, the purpose of the Site Plan and Design Review is to ensure that the physical aspects of development projects are consistent with the 2040 General Plan and any other relevant plans, as well as with any applicable design guidelines. In addition, the purpose of the permit is to ensure a development is of high quality and is compatible with and complementary to surrounding development; to ensure streets and other public access ways and facilities, parking facilities, and utility and other infrastructure, both on-site and off-site, are adequate and available to support a development and conform to City development standards; to promote energy efficiency and water conservation; and to avoid or minimize, to the extent feasible, adverse environmental effects of development.

Figure 7
Preliminary Grading and Drainage Plan



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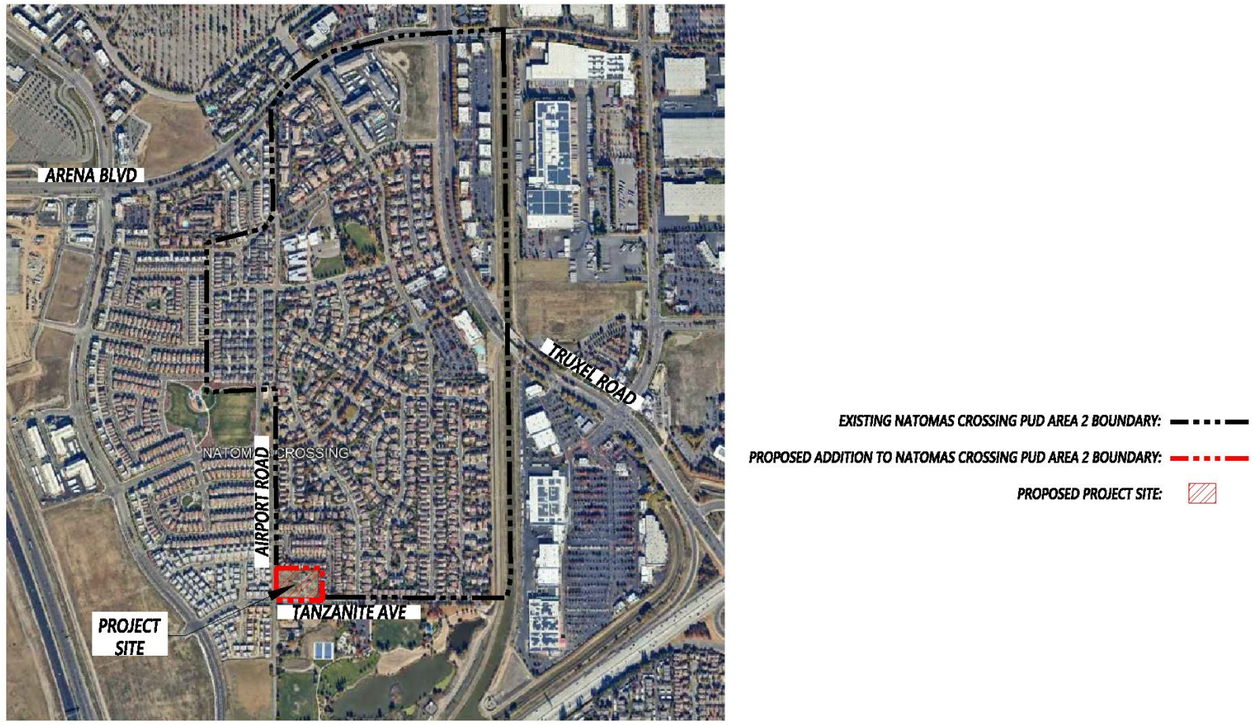
PRELIMINARY GRADING AND DRAINAGE PLAN
THE ENCLAVE AT AIRPORT ROAD
3600 AIRPORT RD
SACRAMENTO, CA

C2.0
DATE: 09/08/2025
SCALE: 1"=20'
DRAWN BY: RS

Login Name: gustavol
Plot Date: 08 Sep 2025 - 4:36 pm
File Name: U:\2025\02-3600 Airport Rd\C-3D\Production Drawings\2502-02-GRAD.dwg

Figure 8
Natomas Crossing Area 2 PUD Schematic Plan



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Plot Date: 9/29/2025 - 1:35 pm
File Name: U:\2025\25-3600 Airport Rd\CAD\Production Drawings\250930-PD-SCHEMATIC PLAN 2.dwg

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NATOMAS CROSSING AREA 2 PLANNED UNIT DEVELOPMENT SCHEMATIC PLAN
THE ENCLAVE AT AIRPORT ROAD
3600 AIRPORT RD
SACRAMENTO, CA

C7.1
DATE: 09/29/2025
SCALE: NTS
DRAWN BY: EM

E. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

On the basis of the following initial evaluation, the City has determined that the proposed project is consistent with the General Plan MEIR. All project impacts have been determined to be less than significant, or can be mitigated to a less-than-significant level given required compliance with General Plan policies or mitigation measures included in the General Plan MEIR.

☐ **Aesthetics**	☐ **Agriculture and Forest Resources**	☐ **Air Quality**
☐ **Biological Resources**	☐ **Cultural Resources**	☐ **Energy**
☐ **Geology and Soils**	☐ **Greenhouse Gas Emissions**	☐ **Hazards and Hazardous Materials**
☐ **Hydrology and Water Quality**	☐ **Land Use and Planning**	☐ **Mineral Resources**
☐ **Noise**	☐ **Population and Housing**	☐ **Public Services**
☐ **Recreation**	☐ **Transportation**	☐ **Tribal Cultural Resources**
☐ **Utilities and Service Systems**	☐ **Wildfire**	☐ **Mandatory Findings of Significance**

F. DETERMINATION

On the basis of this Modified Initial Study/15183 Checklist:

☐ I find that the Proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☐ I find that although the Proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the applicant. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the Proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a “potentially significant impact” or “potentially significant unless mitigated” on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☒ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature	Date
Scott Johnson, Principal Planner	City of Sacramento
Printed Name	For

G. ENVIRONMENTAL CHECKLIST

The following modified checklist is based on the environmental checklist form presented in Appendix G of the CEQA Guidelines. The modified checklist form is used to describe the impacts of the proposed project. A discussion follows each environmental issue identified in the checklist. For this checklist, the following designations are used:

Significant Impact Peculiar to the Project or Project Site: An impact that could be significant due to something peculiar to the proposed project or the project site that was not previously identified in the General Plan MEIR. If any potentially significant peculiar impacts are identified, an additional CEQA document must be prepared to analyze such impacts.

Significant Impact due to New Information: Any impact that would be considered significant based on new information which was not known at the time the prior EIR was prepared. If any significant impacts are identified, an additional CEQA document must be prepared to analyze such impacts.

Impact Adequately Addressed in General Plan MEIR: Impacts previously evaluated in the City's General Plan MEIR that would not change from what was evaluated previously. This designation applies in cases where implementation of the proposed project would not result in a new significant impact, a substantially increased significant impact, or a peculiar impact that was not analyzed in the General Plan MEIR.

I. AESTHETICS. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Have a substantial adverse effect on a scenic vista?	☐	☐	✖
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?	☐	☐	✖
c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	✖
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	✖

Discussion

a,b. As noted in the General Plan MEIR, important scenic resources in the City include major natural open space features, such as the American River and Sacramento River and associated parkways, as well as culturally important or historic buildings, such as the State Capitol building, Tower Bridge, and Sutter's Fort. Landmarks, historic districts, and parks also contribute to the existing visual character of the City.

According to the General Plan MEIR, new urban development would alter existing public views if located within view of the identified scenic resources. However, the 2040 General Plan includes policies and programs intended to preserve visual resources and ensure new development is designed to lessen impacts associated with preserving scenic views, including Policy LUP-4.6, which requires compatibility with adjoining uses through regulation of features such as building heights to maintain transitions in scale; Policy LUP-8.13, which ensures continuity in streetscape design; and Policy LUP-8.12, which requires that public spaces be visible from at least one street frontage and, if feasible, at least 50 percent visible from a secondary street frontage. Compliance with applicable General Plan policies related to scenic resources would ensure that views of existing scenic resources are preserved within the City. Thus, the General Plan MEIR concluded that a less-than-significant impact would occur.

According to the California Scenic Highway Mapping System, the project site is not located within the vicinity of an officially designated State Scenic Highway.[3] Scenic resources, including rock outcroppings or historically significant buildings, do not exist on the project site. In addition, the project site is not located within the vicinity of the American River, Sacramento River, State Capitol building, Tower Bridge, or Sutter's Fort.

Given that the proposed project is consistent with the N land use designation of the project site, development of the site with residential uses has already been generally anticipated by the City and considered as part of the General Plan MEIR analysis. The proposed project would require approval of a Rezone in order to annex into the Natomas Crossing

[3] California Department of Transportation. *California State Scenic Highway System Map*. Available at: https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807c46cc8e8057116f1aacaa/. Accessed July 2025.

PUD, and a Natomas Crossing PUD Guideline and Schematic Plan Amendment; however, the requested approvals would be consistent with the existing land use designation.

The proposed project would not conflict with any General Plan policies related to the preservation of scenic vistas. In addition, the proposed project would be subject to the design standards established in the City Code and the General Plan. Furthermore, the proposed single-family residences would be consistent with the surrounding existing residential development in the project area.

Based on the above, impacts related to a substantial adverse effect on a scenic vista and substantial damage to scenic resources, including, but not limited to rock outcroppings and historic buildings within a State Scenic Highway, have been adequately addressed in the General Plan MEIR and effects peculiar to the project or parcel on which the project would be located do not exist. Thus, the criteria for requiring further CEQA review are not met.

c. The General Plan MEIR assessed the potential for implementation of development under the General Plan to substantially degrade the existing visual character or quality of the City under Impact 4.1-2. As discussed above, the 2040 General Plan includes policies and programs intended to preserve visual resources and prevent the substantial degradation of views of existing scenic resources, as seen from visually sensitive public locations. The General Plan MEIR concluded that, with adherence to the applicable policies, potential development under the 2040 General Plan would not result in substantial changes to important scenic resources or their visibility from visually sensitive locations. Therefore, the impact was determined to be less than significant.

The project site is developed with an existing farmstead and small agricultural buildings. Surrounding existing land uses include single-family residences to the north and east; a single-family residence and associated agricultural warehouse to the south, across Tanzanite Avenue; and single-family residences to the west, across Airport Road. Pursuant to Appendix G of the CEQA Guidelines, because the project site is in an urbanized area, the relevant threshold is whether the proposed project would conflict with applicable zoning and other regulations governing scenic quality.

The proposed project is consistent with the General Plan land use designation for the project site and would comply with all applicable development standards required by the City within the R-1A-PUD zone, including standards related to building height, density, and floor area ratios, as well as all applicable General Plan Policies, such as Policy LUP-4.6, Policy LUP-8.12, and Policy LUP-8.13. In addition, the proposed project would be consistent with the surrounding existing residential development in the project area. Furthermore, the proposed project would be subject to the Site Plan and Design Review process, during which the City would ensure consistency with all applicable design standards. Therefore, the proposed project would not result in any new or peculiar impacts related to conflicts with applicable zoning and other regulations governing scenic quality.

Based on the above, impacts related to conflicts with applicable zoning and other regulations governing scenic quality were adequately addressed in the General Plan MEIR, and the project would not result in more severe impacts beyond what was identified in the General Plan MEIR.

d. According to the General Plan MEIR, because the City of Sacramento is mostly built-out, a large amount of ambient lighting from urban uses already exists in the General Plan planning area. New development allowed under the 2040 General Plan could add lighting similar to the existing urban light sources from any of the following: exterior building lighting, new street lighting, parking lot lights, and headlights of vehicular traffic. However, because new sources of lighting associated with development permitted under the 2040 General Plan would be similar to the current urban setting in amount and intensity of lighting, the General Plan MEIR concluded that daytime or nighttime views of adjacent sensitive receptors (i.e., residential uses) would not be significantly affected.

In addition, new development would be subject to applicable General Plan policies, including Policy LUP-4.6, which would ensure that the introduction of higher-density or more intense development is compatible with and complimentary to surrounding development, such as by requiring all lighting to be shielded from view and directed downward, thereby minimizing impacts on adjacent residential uses. The 2040 General Plan also includes Policy LUP-8.10, which requires appropriate building and site design that considers and reflects the character of existing development, such as through the use of compatible building materials. Furthermore, the proposed project would be subject to the City's Site Plan and Design Review process. The scope of Site Plan and Design Review extends to all aspects of the physical characteristics of development, including building materials that could cause excessive glare (such as mirrored glass).

As discussed above, the project site is currently developed with an existing farmstead and small agricultural buildings. Thus, development of 32 new single-family residences on the project site would result in an increase of light and glare on the project site as compared to current conditions. However, the project site is surrounded by existing development, and light associated with the proposed residences would be consistent with what was anticipated for the site in the General Plan MEIR. Development within the City is also required to be consistent with the California Building Code standards for outdoor lighting as amended by Section 15.20.030 of the City Code, which are intended to reduce light pollution and glare by regulating light power and brightness, shielding, and sensor controls. Furthermore, the proposed project would be required to comply with the aforementioned General Plan policies. Compliance with the aforementioned provisions would ensure that the light and glare created by the proposed project would be consistent with the levels of light and glare anticipated for the project site.

Based on the above, impacts related to creating a new source of substantial light or glare which would adversely affect day or nighttime views in the area were adequately addressed in the General Plan MEIR and the proposed project would not result in any more severe impacts. Thus, the criteria for requiring further CEQA review are not met.

II. AGRICULTURE AND FOREST RESOURCES. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	✖
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	✖
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	✖
d. Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	✖
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	✖

Discussion

a,e. As discussed on page 4.2-2 of the City's General Plan MEIR, the Sacramento planning area contains 41 acres of Prime Farmland, nine acres of Farmland of Statewide Importance, zero acres of Unique Farmland, and 3,802 acres of Farmland of Local Importance, for a total of 3,852 acres of Farmland, according to the California Department of Conservation (DOC). The 2040 General Plan includes policies and programs related to agricultural operations and adjacent uses, including Policy LUP-1.11, which commits the City to the continued preservation of farmland through implementing all existing conservation plans, and Policy LUP-1.12, which requires open space or other agricultural buffers between agricultural and other land uses to protect agricultural operations. Compliance with the 2040 General Plan policies would ensure that future development under the 2040 General Plan would not affect commercial agricultural operations or resources, and would not contribute to the conversion of Farmland outside of the Planning Area. According to the General Plan MEIR, large-scale, active agricultural operations do not occur within the Planning Area, as such activities are not economically viable or compatible with adjacent urban development. Thus, the General Plan MEIR concluded that impacts related to the conversion of Farmland to non-agricultural uses would be less-than-significant.

The DOC designates the project site as Urban and Built-Up Land.[4] Therefore, development of the proposed project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a non-agricultural use, or otherwise result in the loss of Farmland to non-agricultural use, or conflict with existing zoning for an agricultural use. As such, the proposed project would not result in any peculiar effects related to such, and the criteria for requiring further CEQA review are not met.

[4] California Department of Conservation. *California Important Farmland Finder.* Available at: https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed July 2025.

b. As discussed on page 4.2-13 of the General Plan MEIR, four parcels in the City's Planning Area are under Williamson Act contracts. All four are in non-renewal status, meaning that the landowner does not intend to renew the Williamson Act contract after the current contract expires. Because all four parcels are currently in non-renewal status, the 2040 General Plan would not result in the premature conversion of Williamson Act contracts. As such, the General Plan MEIR concluded that buildout of the 2040 General Plan would not conflict with any such contracts. Thus, the issue was not addressed further. The project site is not subject to a Williamson Act contract. As such, the proposed project would not result in any peculiar effects, and the criteria for requiring further CEQA review are not met.

c,d. Although the General Plan MEIR does not specifically address impacts related to the loss of forest land or timberland, the City of Sacramento does not contain a zoning district for forest land or timberland. Woodlands are not located on the project site and the project site is not considered forest land (as defined in PRC Section 12220[g]), timberland (as defined by PRC Section 4526), and is not zoned Timberland Production (as defined by Government Code Section 51104[g]). As such, the proposed project would not result in any peculiar effects, and the criteria for requiring further CEQA review are not met.

III. AIR QUALITY. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	✖
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	✖
c. Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	✖
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	✖

Discussion

a,b. The City of Sacramento is located in the Sacramento Valley Air Basin (SVAB) and is under the jurisdiction of the Sacramento Metropolitan Air Quality Management District (SMAQMD). Federal and State ambient air quality standards (AAQS) have been established for six common air pollutants, known as criteria pollutants, due to the potential for pollutants to be detrimental to human health and the environment. The criteria pollutants include particulate matter (PM), ground-level ozone, carbon monoxide (CO), sulfur oxides, nitrogen oxides (NO_X), and lead. At the federal level, Sacramento County is designated as severe nonattainment for the 8-hour ozone AAQS, nonattainment for the 24-hour $PM_{2.5}$ AAQS, and attainment or unclassified for all other criteria pollutant AAQS. At the State level, the area is designated as a serious nonattainment area for the 1-hour ozone AAQS, nonattainment for the 8-hour ozone AAQS, nonattainment for the 24-hour PM_{10}, AAQS, and attainment or unclassified for all other State AAQS.

As a part of the SVAB federal ozone nonattainment area, the SMAQMD works with the other local air districts within the Sacramento area to develop a regional air quality management plan under the Federal Clean Air Act (FCAA) requirement. The regional air quality management plan is called the State Implementation Plan (SIP) which describes and demonstrates how Sacramento County, as well as the Sacramento nonattainment area, would attain the required federal ozone standard by the proposed attainment deadline. In accordance with the requirements of the FCAA, SMAQMD, along with the other air districts in the region, prepared the Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan (Ozone Attainment Plan) in December 2008. The California Air Resources Board (CARB) determined that the Ozone Attainment Plan met FCAA requirements and approved the Plan on March 26, 2009, as a revision to the SIP. An update to the plan, the 2017 Revisions to the Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan (2017 Ozone Attainment Plan), was prepared and adopted by CARB on November 16, 2017. An additional update to the plan was prepared and adopted by CARB on October 15, 2018, and known as the 2018 Updates to the California SIP.

Nearly all development projects in the Sacramento region have the potential to generate air pollutants that may increase the difficulty of attaining federal and State AAQS. In order to evaluate ozone and other criteria air pollutant emissions and support attainment goals for those pollutants for which the area is designated nonattainment, SMAQMD has developed the Guide to Air Quality Assessment in Sacramento County (SMAQMD CEQA Guide), which includes recommended thresholds of significance, including mass emission

thresholds for construction-related and operational ozone precursors, as the area is under nonattainment for ozone.[5] The SMAQMD's recommended thresholds of significance for the ozone precursors reactive organic compounds (ROG) and NO_X, which are expressed in pounds per day (lbs/day) and tons per year (tons/yr), are presented in Table 1. As shown in the table, SMAQMD has construction and operational thresholds of significance for PM_{10} and $PM_{2.5}$ expressed in both lbs/day and tons/yr. The construction and operational thresholds for PM_{10} and $PM_{2.5}$ only apply to those projects that have implemented all applicable Best Available Control Technologies (BACTs) and Best Management Practices (BMPs).

Table 1
SMAQMD Thresholds of Significance

Pollutant	Construction Thresholds	Operational Thresholds
NO_X	85 lbs/day	65 lbs/day
ROG	N/A[1]	65 lbs/day
PM_{10}	80 lbs/day and 14.6 tons/yr[2]	80 lbs/day and 14.6 tons/yr[3]
$PM_{2.5}$	82 lbs/day and 15 tons/yr[2]	82 lbs/day and 15 tons/yr[3]

1 The application of architectural coatings is typically the largest source of ROG emissions during construction activity. SMAQMD addresses construction-related emissions of ROG through the implementation of Rule 442, which regulates ROG emissions from architectural coatings. Therefore, SMAQMD has not adopted a threshold for construction-related ROG emissions.

2 The identified construction thresholds of significance for PM_{10} and $PM_{2.5}$ are only applicable when all feasible construction BMPs are applied. The SMAQMD's construction BMPs are also known as Basic Construction Emission Control Practices. (SMAQMD, *Basic Construction Emission Control Practices (Best Management Practices),* July 2019)

3 The identified operational thresholds of significance for PM_{10} and $PM_{2.5}$ are only applicable when all feasible operational BMPs and BACTs are applied. The implementation of BACTs apply only to stationary source operational emissions. (SMAQMD, *Operational Best Management Practices for PM from Land Use Development Projects*, October 2020)

Source: SMAQMD Thresholds of Significance Table, April 2020.

The City of Sacramento, as the CEQA Lead Agency for the proposed project, has formally adopted the SMAQMD's thresholds of significance. Therefore, if the proposed project's emissions exceed the pollutant thresholds presented in Table 1, the project could have a significant effect on air quality, the attainment of federal and State AAQS, and could conflict with or obstruct implementation of the applicable air quality plan.

Because construction equipment emits relatively low levels of ROG, and ROG emissions from other construction processes (e.g., asphalt paving, architectural coatings) are typically regulated by SMAQMD, SMAQMD has not adopted a construction emissions threshold for ROG. SMAQMD has, however, adopted a construction emissions threshold for NO_X, as shown in Table 1, above.

The General Plan MEIR concluded that compliance with General Plan policies and SMAQMD rules and regulations would ensure that General Plan buildout would not conflict with or obstruct implementation of the applicable air quality plan or result in a cumulatively considerable net increase of any criteria pollutant for which the region is non-attainment.

The proposed project's construction-related and operational emissions were quantified using the California Emissions Estimator Model (CalEEMod) web-based version 2022.1.1.29 – a statewide model designed to provide a uniform platform for government

5 Sacramento Metropolitan Air Quality Management District. *Guide to Air Quality Assessment in Sacramento County*. Revised April 2021.

agencies, land use planners, and environmental professionals to quantify air quality emissions, including greenhouse gas (GHG) emissions, from land use projects. The model applies inherent default values for various land uses, including trip generation rates based on the Institute of Transportation Engineers (ITE) Manual, vehicle mix, trip length, average speed, etc. However, where project-specific information is available, such information should be applied in the model. Accordingly, the proposed project's modeling assumed the following:

- Project construction was assumed to start in June of 2026 and occur over approximately one year; and
- The demolition phase of construction would require the removal of approximately 3,224 sf of building materials from the site.

All CalEEMod results are included in Appendix A. The proposed project's estimated emissions associated with construction and operations are provided below.

Construction Emissions

During construction of the proposed project, various types of equipment and vehicles would temporarily operate on the project site. Construction exhaust emissions would be generated from construction equipment, vegetation clearing and earth movement activities, construction worker commutes, and construction material hauling for the entire construction period. The aforementioned activities would involve the use of diesel- and gasoline-powered equipment that would generate emissions of criteria pollutants. Project construction activities also represent sources of fugitive dust, which includes PM emissions. As construction of the proposed project would generate air pollutant emissions intermittently within the site and vicinity, until all construction has been completed, construction is a potential concern because the project is in a non-attainment area for ozone, PM_{10}, and $PM_{2.5}$.

To apply the construction thresholds presented in Table 1, projects must implement all feasible SMAQMD BACTs and BMPs related to dust control. The control of fugitive dust during construction is required by SMAQMD Rule 403, and enforced by SMAQMD staff. The BMPs for dust control include the following:

- Water all exposed surfaces two times daily. Exposed surfaces include, but are not limited to soil piles, graded areas, unpaved parking areas, staging areas, and access roads;
- Cover or maintain at least two feet of free board space on haul trucks transporting soil, sand, or other loose material on the site. Any haul trucks that would be traveling along freeways or major roadways should be covered;
- Use wet power vacuum street sweepers to remove any visible trackout mud or dirt onto adjacent public roads at least once a day. Use of dry power sweeping is prohibited;
- Limit vehicle speeds on unpaved roads to 15 miles per hour (mph);
- All roadways, driveways, sidewalks, parking lots to be paved should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used;
- Minimize idling time either by shutting equipment off when not in use or reducing the time of idling to 5 minutes [CCR, Title 13, Sections 2449(d)(3) and 2485]. Provide clear signage that posts this requirement for workers at the entrances to the site;

- Provide current certificate(s) of compliance for the CARB's In-Use Off-Road Diesel-Fueled Fleets Regulation [CCR, Title 13, Sections 2449 and 2449.1]. For more information contact CARB at 877-593-6677, doors@arb.ca.gov, or www.arb.ca.gov/doors/compliance_cert1.html; and
- Maintain all construction equipment in proper working condition according to manufacturer's specifications. The equipment must be checked by a certified mechanic and determined to be running in proper condition before it is operated.

Compliance with the foregoing measures is required pursuant to Rule 403, and project construction is assumed to include compliance with the foregoing measures. The foregoing measures would also be incorporated into the project through Conditions of Approval. Consequently, the project PM emissions are assessed in comparison to the thresholds presented in Table 1 above.

Based on the CalEEMod results, the proposed project would result in maximum unmitigated construction criteria air pollutant emissions as shown in Table 2. As shown in the table, the proposed project's maximum unmitigated construction emissions would be below the applicable thresholds of significance.

Table 2
Maximum Unmitigated Construction Emissions

Pollutant	Proposed Project Emissions	Threshold of Significance	Exceeds Threshold?
ROG	4.02 lbs/day	N/A	**N/A**
NO_X	13.20 lbs/day	85 lbs/day	**NO**
PM_{10}	7.76 lbs/day and 0.07 tons/yr	80 lbs/day and 14.6 tons/yr	**NO**
$PM_{2.5}$	3.98 lbs/day and 0.04 tons/yr	82 lbs/day and 15 tons/yr	**NO**
Source: CalEEMod, July 2025 (see Appendix A).			

As shown in the table, the project's construction emissions would be below the applicable SMAQMD thresholds of significance. Therefore, the proposed project would not substantially contribute to the SVAB's non-attainment status for ozone or PM during construction. In addition, the proposed project would be required to comply with all SMAQMD rules and regulations for construction, which would further reduce construction emissions of criteria pollutants to levels lower than those presented in Table 2. Applicable rules and regulations would include, but would not be limited to, the following:

- Rule 403 related to Fugitive Dust;
- Rule 404 related to Particulate Matter;
- Rule 407 related to Open Burning;
- Rule 442 related to Architectural Coatings;
- Rule 453 related to Cutback and Emulsified Asphalt Paving Materials; and
- Rule 460 related to Adhesives and Sealants.

Thus, in accordance with SMAQMD guidance, the proposed project would not conflict with or obstruct implementation of the applicable air quality plans during project construction, and impacts related to such were adequately addressed in the City's General Plan MEIR.

Operational Emissions

SMAQMD has developed screening criteria to aid in determining if emissions from development projects would exceed the SMAQMD thresholds of significance presented in

Table 1. The screening criteria provides a conservative indication of whether a development project could result in potentially significant air quality impacts. According to SMAQMD, if a project is below the screening level identified for the applicable land use type, emissions from the operation of the project would have a less-than-significant impact on air quality. The screening criterion for single-family residences is 485 units for ozone precursors and 1,000 units for PM.[6] The proposed project involves the development of 32 units, which would be below the operational screening criteria for both categories of criteria pollutants. Therefore, based on the SMAQMD's screening criteria, the proposed project's operational emissions would not be expected to exceed SMAQMD thresholds of significance.

Nonetheless, to confirm this conclusion, operational air quality emissions were estimated using CalEEMod, and are presented in Table 3.

Table 3
Maximum Unmitigated Operational Emissions (lbs/day)

Pollutant	Proposed Project Emissions	Threshold of Significance	Exceeds Threshold?
ROG	2.97 lbs/day	65 lbs/day	**NO**
NO_X	1.65 lbs/day	65 lbs/day	**NO**
PM_{10}	2.26 lbs/day and 0.39 tons/yr	80 lbs/day and 14.6 tons/yr	**NO**
$PM_{2.5}$	0.61 lbs/day and 0.11 tons/yr	82 lbs/day and 15 tons/yr	**NO**

Source: CalEEMod, July 2025 (see Appendix A).

As shown in the table, the proposed project's maximum unmitigated operational emissions or criteria pollutants would be below the applicable thresholds of significance. As such, the proposed project would not result in a significant air quality impact during operations and impacts related to such were adequately addressed in the City's General Plan MEIR.

Cumulative Emissions

A cumulative impact analysis considers a project over time in conjunction with other past, present, and reasonably foreseeable future projects whose impacts might compound those of the project being assessed. Due to the dispersive nature and regional sourcing of air pollutants, air pollution is already largely a cumulative impact. The nonattainment status of regional pollutants, including ozone and PM, is a result of past and present development, and, thus, cumulative impacts related to these pollutants could be considered cumulatively significant.

Adopted SMAQMD rules and regulations, as well as the thresholds of significance, have been developed with the intent to ensure continued attainment of AAQS, or to work towards attainment of AAQS for which the area is currently designated non-attainment, consistent with applicable air quality plans. As future attainment of AAQS is a function of successful implementation of SMAQMD's planning efforts, according to the SMAQMD CEQA Guide, by exceeding the SMAQMD's project-level thresholds for construction or operational emissions, a project could contribute to the region's non-attainment status for ozone and PM emissions and could be considered to conflict with or obstruct implementation of the SMAQMD's air quality planning efforts.

As discussed above, the proposed project would result in construction and operation emissions below the applicable thresholds of significance and, therefore, would result in

[6] Sacramento Metropolitan Air Quality Management District. *SMAQMD Operational Screening Levels*. April 2018.

less-than-significant impacts. As such, the proposed project would not be considered to result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment and impacts related to such were adequately addressed in the City's General Plan MEIR.

Conclusion

As discussed above, the General Plan MEIR concluded that compliance with applicable General Plan policies, as well as SMAQMD rules and regulations, criteria air pollutant emissions associated with buildout of the 2040 General Plan would not cause a substantial net increase in emissions that exceeds the SMAQMD regional significance thresholds, and impacts would be less than significant. Nevertheless, for informational purposes, this Checklist has demonstrated that the proposed project is anticipated to result in emissions below the applicable thresholds of significance during both construction and operations. Thus, the proposed project would not be considered to conflict with or obstruct implementation of regional air quality plans. Therefore, the proposed project would not result in any peculiar effects related to the generation of criteria pollutants, and requirements for additional CEQA review are not met.

c. Some land uses are considered more sensitive to air pollution than others, due to the types of population groups or activities involved. Heightened sensitivity may be caused by health problems, proximity to the emissions source, and/or duration of exposure to air pollutants. Children, pregnant women, the elderly, and those with existing health problems are especially vulnerable to the effects of air pollution. Sensitive receptors are typically defined as facilities where sensitive receptor population groups (i.e., children, the elderly, the acutely ill, and the chronically ill) are likely to be located. Accordingly, land uses that are typically considered to be sensitive receptors include residences, schools, playgrounds, childcare centers, retirement homes, convalescent homes, hospitals, and medical clinics. The nearest sensitive receptors to the project site are the single-family residences located to the north and east of the project site.

The major pollutant concentrations of concern are localized CO emissions, toxic air contaminant (TAC) emissions, and criteria pollutant emissions, which are addressed in further detail below.

Localized CO Emissions

The General Plan MEIR does not specifically evaluate the potential for buildout to expose sensitive receptors to substantial pollutant concentrations or include an analysis of CO emissions. However, as previously discussed, Impact 4.3-2 of the General Plan MEIR concluded that compliance with General Plan policies and SMAQMD rules and regulations would ensure that General Plan buildout would not result in a cumulatively considerable net increase of any criteria pollutant for which the region is non-attainment.

Localized concentrations of CO are related to the levels of traffic and congestion along streets and at intersections. High levels of localized CO concentrations are only expected where background levels are high, and traffic volumes and congestion levels are high. Pursuant to the SMAQMD CEQA Guide, emissions of CO are generally of less concern than other criteria pollutants, as operational activities are not likely to generate substantial quantities of CO, and the SVAB has been in attainment for CO for multiple years.[7] The proposed project would not contribute to high levels of traffic congestion that could result

[7] Sacramento Metropolitan Air Quality Management District. *Guide to Air Quality Assessment, Chapter 4: Operational Criteria Air Pollutant and Precursor Emissions*. October 2020.

in long-term generation of CO. Additionally, due to the continued attainment of California AAQS (CAAQS) and national AAQS (NAAQS), and advances in vehicle emissions technologies, the likelihood that any single project would create a CO hotspot is minimal. Consequently, the proposed project would result in a less-than-significant impact related to localized CO emissions.

Therefore, based on the guidance of the SMAQMD, similar to the conclusions of the General Plan MEIR, the proposed project would not be expected to result in substantial levels of localized CO at surrounding intersections or generate localized concentrations of CO that would exceed standards or cause health hazards.

TAC Emissions

Another category of environmental concern is TACs. The CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* (Handbook) provides recommended setback distances for sensitive land uses from major sources of TACs, including, but not limited to, freeways and high traffic roads, distribution centers, and rail yards. The CARB has identified diesel particulate matter (DPM) from diesel-fueled engines as a TAC; thus, high volume freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic are identified as having the highest associated health risks from DPM. Health risks associated with TACs are a function of both the concentration of emissions and the duration of exposure, where the higher the concentration and/or the longer the period of time that a sensitive receptor is exposed to pollutant concentrations would correlate to a higher health risk.

The General Plan MEIR does not specifically evaluate the potential for buildout to expose sensitive receptors to substantial pollutant concentrations or include an analysis of TAC emissions. However, the 2040 General Plan includes policies related to reducing TAC exposure of sensitive receptors. Specifically, implementation of Policies ERC-4.3, which promotes techniques intended to minimize pollution, and ERC-4.4, which is related to evaluating exposure of sensitive receptors to TACs, would minimize impacts from community risk and hazards. The proposed project would be subject to the foregoing policies, and does not include any operational activities that would be considered a substantial source of TACs. Accordingly, the proposed project would not expose sensitive receptors to excess concentrations of TACs during operations.

Construction-related activities have the potential to generate concentrations of TACs, specifically DPM, from on-road haul trucks and off-road equipment exhaust emissions. However, construction would be temporary and would occur over a relatively short duration in comparison to the operational lifetime of the proposed project. While methodologies for conducting health risk assessments are associated with long-term exposure periods (e.g., 30 years or greater), construction activities associated with the proposed project would be significantly less. Only portions of the site would be disturbed at a time throughout the construction period, with operation of construction equipment occurring intermittently throughout the course of a day rather than continuously at any one location on the project site. In addition, all construction equipment and operation thereof would be regulated by the In-Use Off-Road Diesel Vehicle Regulation. The In-Use Off-Road Diesel Vehicle Regulation includes emissions reducing requirements such as limitations on vehicle idling, disclosure, reporting, and labeling requirements for existing vehicles, as well as standards relating to fleet average emissions and the use of BACTs. Additionally, project construction would be required to comply with all applicable SMAQMD rules and regulations, as detailed above. Construction activities would also be limited to daytime hours (7:00 AM to 6:00 PM Monday through Saturday, and 9:00 AM to 6:00 PM

on Sunday), pursuant to Section 8.68.080 of the City Code. Thus, the likelihood that any one sensitive receptor would be exposed to high concentrations of DPM for any extended period of time would be low, and the proposed project would not expose any existing sensitive receptors to any new permanent or substantial TAC emissions.

Criteria Pollutants

Recent rulings from the California Supreme Court (including the *Sierra Club v. County of Fresno* (2018) 6 Cal. 5th 502 case regarding the proposed Friant Ranch Project) have underscored the need for the analysis of potential health impacts resulting from the emission of criteria pollutants during operations of proposed projects. Although analysis of project-level health risks related to the emission of CO and TACs has long been practiced under CEQA, the analysis of health impacts due to individual projects resulting from emissions of criteria pollutants is a relatively new field.

The proposed project is consistent with the site's General Plan land use designation. Therefore, emissions associated with construction and operation of the proposed project have been generally anticipated and analyzed in the General Plan MEIR. As discussed under Impact 4.3-2 of the General Plan MEIR, the City's planning area is designated as nonattainment with respect to the NAAQS and CAAQS for ROG and NO_X, which are precursors to ozone (O_3). The health effects associated with O_3 are generally associated with reduced lung function. In addition, health effects that result from nitrogen dioxide (NO_2) and NO_X include respiratory irritation, which could be experienced by sensitive receptors during the periods of heaviest use of off-road construction equipment. As discussed previously, construction and operational emissions associated with buildout of the 2040 General Plan would result in less-than-significant impacts with implementation of the 2040 General Plan policies. Additionally, projects constructed under the 2040 General Plan would also comply with applicable SMAQMD rules and regulations.

Based on the above, implementation of the 2040 General Plan would not result in significant impacts related to emissions of criteria air pollutants and the associated health impacts, as well as ensuring that individual projects would not generate emissions in excess of applicable thresholds.

Conclusion

Based on the above, the proposed project would not expose any sensitive receptors to substantial concentrations of localized CO, TACs, or criteria pollutants during construction or operation. Therefore, the proposed project would not result in any peculiar effects, and further CEQA review would not be required.

d. Pollutants of principal concern include emissions leading to odors, emissions of dust, or emissions considered to constitute air pollutants. Air pollutants have been discussed in questions 'a' through 'c' above. Therefore, the following discussion focuses on emissions of odors and dust.

Odors

According to the General Plan MEIR, compliance with local regulations, such as SMAQMD screening distances between sensitive receptors and odor-generating uses and SMAQMD's Nuisance Rule (Rule 402), would reduce odor impacts on sensitive receptors by prohibiting the discharge quantities of air contaminants or other materials which cause injury, detriment, nuisance or annoyance to any considerable number of persons or the

public. Therefore, the General Plan MEIR concluded that impacts related to odorous emissions would be less than significant.

While offensive odors rarely cause physical harm, they can be unpleasant, leading to considerable annoyance and distress among the public and can generate citizen complaints to local governments and air districts. Due to the subjective nature of odor impacts, the number of variables that can influence the potential for an odor impact, and the variety of odor sources, quantitative analysis to determine the presence of a significant odor impact is difficult. Typical odor-generating land uses include, but are not limited to, wastewater treatment plants (WWTPs), landfills, and composting facilities. The proposed project would not introduce any such land uses and is not located in the vicinity of any such existing or planned land uses.

Construction activities often include diesel fueled equipment and heavy-duty trucks, which could create odors associated with diesel fumes that may be considered objectionable. However, as discussed above, construction activities would be temporary, and operation of construction equipment adjacent to existing residential uses would be restricted to the hours of 7:00 AM to 6:00 PM Monday through Saturday, and 9:00 AM to 6:00 PM Sundays and holidays, pursuant to Sacramento Municipal Code Section 8.60.060. Project construction would also be required to comply with all applicable SMAQMD rules and regulations, particularly Rule 402 (Nuisance), which prohibits any person or source from emitting air contaminants that cause detriment, nuisance, or annoyance to a considerable number of persons or the public. Rule 402 is enforced based on complaints. If complaints are received, the SMAQMD is required to investigate the complaint, as well as determine and ensure a solution for the source of the complaint, which could include operational modifications. Thus, although not anticipated, if odor complaints are made after the proposed project is approved, the SMAQMD would ensure that such odors are addressed and any potential odor effects reduced to less than significant.

Dust

The General Plan MEIR does not specifically evaluate the potential for buildout to result in the emission of dust that adversely affects a substantial number of people. However, the General Plan MEIR does include SMAQMD Rules 403 and 404 as applicable regulations that would control emissions of fugitive dust. In addition, as previously discussed, Impact 4.3-2 of the General Plan MEIR concluded that compliance with General Plan policies and SMAQMD rules and regulations would ensure that General Plan buildout would not result in a cumulatively considerable net increase of any criteria pollutant for which the region is non-attainment.

The proposed project would be required to comply with all applicable SMAQMD rules and regulations, including, but not limited to, Rule 403 and Rule 404. Furthermore, all projects within Sacramento County are required to implement the SMAQMD's BCECPs. Compliance with SMAQMD rules and regulations and BCECP would help to ensure that dust is minimized during project construction. Following project construction, vehicles operating within the project site would be limited to paved areas of the site, which would not have the potential to create substantial dust emissions. Thus, project operations would not include sources of dust that could adversely affect a substantial number of people.

Conclusion

Based on the above, construction and operation of the proposed project would not result in emissions (such as those leading to odors) adversely affecting a substantial number of

people. Furthermore, given that the proposed project is consistent with the site's General Plan land use designation, emissions associated with construction and operation of the proposed project have been generally anticipated and analyzed in the General Plan MEIR. Therefore, the proposed project would not result in any peculiar effects, and further CEQA review would not be required for this topic.

IV. BIOLOGICAL RESOURCES. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	✖
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	☐	☐	✖
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	✖
d. Interfere substantially with the movement of any resident or migratory fish or wildlife species or with established resident or migratory wildlife corridors, or impede the use of wildlife nursery sites?	☐	☐	✖
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	✖
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	✖

Discussion

a,f. The General Plan MEIR concluded that applicable federal, State, regional, and local regulations, together with the policies and programs included in the General Plan would reduce potential impacts to special-status plant and wildlife species that could result from buildout of the General Plan to a less-than-significant level. Applicable federal and State regulations include, but are not limited to, the Clean Water Act (CWA), Federal Endangered Species Act (FESA), Migratory Bird Treaty Act (MBTA), California Endangered Species Act (CESA), and California Fish and Game Code (CFGC). Local regulations related to biological resources include Policy ERC-2.2, which directs the City to avoid, minimize or mitigate impacts on sensitive biological resources, including special-status species from development activities to the greatest extent feasible; Policy ERC-2.1 related to conservation efforts for creeks, riparian corridors, wetlands, undeveloped open space areas, levees, and drainage canals; and Policy ERC-6.3, which directs the City to protect urban creeks and rivers as suitable habitat for special-status species.

Special-status species include those species that are:

- Listed as endangered or threatened under the FESA (or formally proposed for, or candidates for, listing);
- Listed as endangered or threatened under the CESA (or proposed for listing);
- Designated as endangered or rare, pursuant to CFGC (Section 1901);
- Designated as fully-protected, pursuant to CFGC (Section 3511, Section 4700, or Section 5050);

- Designated as species of special concern by the California Department of Fish and Wildlife (CDFW); or
- Defined as rare or endangered under CEQA (California Rare Plant Rank [CRPR] 1, 2, and 3).

Although CDFW Species of Special Concern generally do not have special legal status, they are given special consideration under CEQA. In addition to regulations for special-status species, most birds in the U.S., including non-status species, are protected by the MBTA of 1918. Under the MBTA, destroying active nests, eggs, and young is illegal.

Currently, the project site is developed with an existing farmstead and small agricultural buildings. The project site is regularly disturbed and what vegetation occurs on-site is limited. Surrounding existing land uses include single-family residences to the north and east; a single-family residence and associated agricultural warehouse to the south, across Tanzanite Avenue; and single-family residences to the west, across Airport Road.

The project site is also located within the southern portion of the Natomas Basin Habitat Conservation Plan (HCP). The Natomas Basin HCP covers 53,537 acres surrounding the Natomas Basin, located in the northern portion of Sacramento County and the southern portion of Sutter County. The southern portion of the Natomas Basin is generally urbanized, and the majority of the Basin land is used for agriculture. The Natomas Basin HCP provides project proponents incidental take permit coverage to implement various avoidance and minimization measures (AMMs) and collects mitigation fees that allow the Natomas Basin Conservancy to acquire, restore, and manage preserved lands to mitigate impacts to covered species.

The Natomas Basin HCP covers 22 special-status species, as presented in Table 1-1 of the Natomas Basin HCP. In order to ascertain the potential for any special-status species to occur on the project site, including such species covered by the Natomas Basin HCP, a search for records of special-status species within the vicinity of the project site was conducted through the California Natural Diversity Database (CNDDB). The potential for special-status species to occur on the project site is discussed in further detail below.

Special-Status Plants

Special-status plants generally occur in relatively undisturbed areas within vegetation communities such as vernal pools, marshes and swamps, chenopod scrub, seasonal wetlands, riparian scrub, chaparral, alkali playa, dunes, and areas with unusual soil characteristics. The General Plan MEIR determined that 17 special-status plants have the potential to occur in the Planning Area. Of the 17 special-status plant species, palmate-bracted bird's beak; Boggs Lake hedge-hyssop; slender Orcutt grass; and Sacramento Orcutt grass are threatened or endangered, and the remainder of the species are assigned CRPR by CDFW but are not listed under the FESA or CESA. As discussed under Impact 4.4-1 of the General Plan MEIR, undeveloped areas and vacant lots scattered throughout the Planning Area may support grasslands, seasonal wetlands, remnant vernal pools, and drainage ditches that could provide suitable habitat for special-status plants.

The Natomas Basin HCP provides protections for rare plant species, including five of the 17 plants determined as potentially occurring within the Planning Area by the General Plan MEIR: Boggs Lake hedge-hyssop, legenere, Sacramento Orcutt grass, Sanford's arrowhead, and slender Orcutt grass.

The General Plan MEIR concluded that compliance with the Natomas Basin HCP and General Plan Policies ERC-2.2, ERC-2.1, and ERC-6.3 would avoid, minimize, and/or compensate for potential adverse effects to special-status plants species and habitats. Thus, the General Plan MEIR concluded that impacts to special-status plant species would be less than significant.

The CNDDB query conducted for the project site identified 16 special-status plant species known to occur in the project region, including the following: Ferris' milk-vetch; alkali milk-vetch; heartscale; brittlescale; pappose tarplant; palmate-bracted bird's beak; dwarf downingia; San Joaquin spearscale; Boggs Lake hedge-hyssop; wooly rose-mallow; legenere; Heckard's pepper-grass; California alkali grass; Sanford's arrowhead; Suisun Marsh aster; and saline cover. However, specialized habitats required to support special-status plant species, such as vernal pools, marshes, and alkaline soils, do not occur on-site. For example, the project site does not contain any aquatic resources. Therefore, the habitat necessary to support five of the 16 special-status plant species does not occur on-site. In addition, occurrences of all of the special-status plant species identified have occurred outside of the project vicinity. The project site is currently developed and is located within an urban area surrounded by existing development. Any vegetation that currently occurs on-site is limited to ruderal grasses generally associated with the existing farmstead and small agricultural buildings. Based on the existing habitat type on site, the aforementioned habitat requirements, and previously recorded occurrence locations, the potential for special-status plant species to occur on-site is low. Thus, the proposed project would not be anticipated to result in impacts to special-status plant species.

Special-Status Wildlife

The General Plan MEIR identified various special-status wildlife species with the potential to occur in habitat within the planning area, including special-status invertebrates, fish species, reptiles and amphibians, bird species, and mammals. Such species include, but are not limited to, the vernal pool fairy shrimp, vernal pool tadpole shrimp, valley elderberry longhorn beetle (VELB), Sacramento Perch, Chinook salmon, Central Valley steelhead, Delta smelt, western spadefoot, giant garter snake, northwestern pond turtle, tricolored blackbird, burrowing owl, loggerhead shrike, northern harrier, Swainson's hawk, white-tailed kite, song sparrow, pallid bat, and American badger. Of the foregoing species identified by the General Plan MEIR, the following are covered by the Natomas Basin HCP: vernal pool fairy shrimp; vernal pool tadpole shrimp; VELB; western spadefoot; giant garter snake; northwestern pond turtle; tricolored blackbird; burrowing owl; loggerhead shrike; and Swainson's hawk. Under Impacts 4.4-2 through 4.4-6, the General Plan MEIR concluded that potential impacts to special-status wildlife species would be less than significant with implementation of all applicable General Plan policies and compliance with the CESA and FESA.

The CNDDB query conducted for the project site identified 31 special-status wildlife species known to occur in the project region. Of the 31 special-status wildlife species, the majority of the species would not have the potential to occur on-site due to the lack of suitable habitat (i.e., aquatic, riparian, woodland, and/or coastal habitat). For example, due to the lack of on-site aquatic resources, potential impacts as a result of the proposed project would not occur to special-status fish species, northwestern pond turtle, vernal pool fairy shrimp, vernal pool tadpole shrimp, western spadefoot, or giant garter snake, as the project site does not contain requisite flowing waters or vernal pools. In addition, the project site supports heavily disturbed ruderal grassland vegetation associated with the existing farmstead and on-site agricultural buildings. The nature of the disturbance limits

the site's ability to contain habitat necessary for accommodating special-status wildlife species that depend on preserved foraging habitat, such as the VELB, Crotch's bumble bee, and western bumble bee. Furthermore, the project site also lacks the necessary riparian habitat to support song sparrow, Western yellow-billed cuckoo, tricolored blackbird and least Bell's vireo, as well as lacking suitable habitat to support purple martin or bank swallow. Therefore, although identified in the CNDDB query, the majority of the special-status species previously recorded in the area are not anticipated to be significantly impacted by the proposed project. Furthermore, the project site's surrounding residential development further reduces the likelihood of wildlife species, including those with special status, to occur on-site, such as American badger.

The project site is located within an area of nearby CNDDB occurrences of burrowing owl.[8] The burrowing owl, which is a Species of Special Concern under the CFGC and candidate for listing under the CESA, typically occupies abandoned ground burrows created by California ground squirrels. Burrowing owls are known to overwinter in disturbed sites and sites near frequent human use. Burrowing owls are protected by the Natomas Basin HCP, and compliance with all applicable Natomas Basin HCP measures would sufficiently avoid adverse impacts to burrowing owl. Therefore, although identified in the CNDDB query conducted as part of this Modified Initial Study, burrowing owl would not be significantly impacted by the proposed project. Additionally, impacts to burrowing owl were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects to the species.

In addition, existing trees and shrubs within the project site could provide potential nesting habitat for nesting migratory birds and raptors protected by the MBTA. Therefore, project construction activities, including initial site grading, soil excavation, associated improvements, and/or tree and vegetation removal occurring during the nesting period for migratory birds (typically between February 1 to August 31) could have the potential to result in nest abandonment or death of any live eggs or young, should migratory birds or their nests be present within or near the project site. In such an event, the proposed project could result in an adverse effect. However, given the developed nature of the project site and surrounding area, and the fact that habitat for nesting birds and raptors is not uncommon within the project area, the site does not include any peculiar conditions from a biological perspective.

Furthermore, as discussed above, the General Plan includes policies and actions under Goal ERC-3 to reduce potential impacts to such species to less-than-significant levels and the Natomas Basin HCP provides protections for special-status birds species, including Swainson's hawk, burrowing owl, bank swallow, loggerhead shrike, and tricolored blackbird. Thus, the General Plan MEIR concluded that avoidance, compliance with federal requirements under the MBTA and ESA, as well as implementation of the 2040 General Plan goals and policies, would reduce the potential direct and indirect impacts on special-status bird species to a less-than-significant level. Finally, the Natomas Basin HCP requires a pre-construction survey of the site at least 30 days prior to commencement of construction activities to identify the status and presence of any covered species on-site, which would ensure that the proposed project would not result in any impacts to special-status wildlife species, including migratory birds.

[8] California Department of Fish and Wildlife. RareFind. Available at: https://apps.wildlife.ca.gov/rarefind/view/RareFind.aspx. Accessed July 2025.

Conclusion

Pursuant to CEQA Guidelines Section 15183(f), "An effect of a project on the environment shall not be considered peculiar to the project or the parcel for the purposes of this section if uniformly applied development policies or standards have been previously adopted by the city or county with a finding that the development policies or standards will substantially mitigate that environmental effect when applied to future projects, unless substantial new information shows that the policies or standards will not substantially mitigate the environmental effect. […]" The General Plan MEIR concluded that applicable federal, State, regional, and local regulations, together with General Plan policies and programs would reduce potential impacts to special-status species that could result from buildout of the General Plan.

Based on the above, impacts to species identified as special-status species in local or regional plans, policies, or regulations, including the Natomas Basin HCP, or by the CDFW or the U.S. Fish and Wildlife Service (USFWS), were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects given required compliance with applicable federal, State, regional, and local regulations, together with the policies and programs included in the General Plan, which the General Plan MEIR found would substantially mitigate potential environmental effects. The proposed project would not require further CEQA review related to effects on any special-status plant and wildlife species, or conflicting with an adopted HCP, natural community conservation plan (NCCP), or other approved local, regional, or State habitat conservation plan.

b,c. According to the General Plan MEIR, compliance with General Plan policies and programs would ensure that General Plan buildout would have a less-than-significant impact related to the loss or modification of riparian habitat or on jurisdictional waters of the U.S. and wetlands. As discussed under Impact 4.4-7 of the General Plan MEIR, riparian habitat is mostly located along the Sacramento and American rivers, as well as adjacent to smaller streams and drainage channels throughout the Planning Area. The project site is located approximately 2.24 miles from the American River and 2.06 miles from the Sacramento River and does not include riparian habitat on-site. Therefore, the proposed project would not result in adverse impacts upon sensitive natural communities, and impacts related to having a substantial adverse effect on riparian habitat, sensitive natural communities, or federally protected wetlands were adequately addressed in the General Plan MEIR. The proposed project would not result in any peculiar effects that would require further CEQA review related to effects on any riparian habitat, protected wetlands, or other sensitive natural communities.

d. Under Impact 4.4-3, the General Plan MEIR identified the Sacramento River as providing migratory habitat for seven special-status fish species. However, as previously discussed, the project site is located approximately 2.06 miles from the Sacramento River and aquatic resources are not located on-site. In addition, the project site is surrounded by existing residential development, Interstate (I)-5 is located 0.34-mile to the west, and I-80 is located 0.42-mile to the south, which would provide a significant barrier to dispersal of native wildlife travelling to and from the site. Most current animal movements on the project site would likely be local movements within the site and its immediate vicinity rather than regional movements. In addition, the project site is currently developed with an existing farmstead and associated buildings and is fenced on all sides, which would preclude the use of the site as a migratory corridor.

Based on the above, impacts related to interfering substantially with the movement of any resident or migratory fish or wildlife species or with established resident or migratory wildlife corridors, or impede the use of wildlife nursery sites were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

e. The General Plan MEIR did not specifically evaluate potential impacts related to conflicts with local policies or ordinances protecting biological resources. Chapter 12.56 of the City Code establishes guidelines for the conservation, protection, removal, and replacement of both City trees and private protected trees. Pursuant to Section 12.56.020, a private protected tree meets at least one of the following criteria:

- A tree that is designated by City Council resolution to have special historical value, special environmental value, or significant community benefit, and is located on private property;
- Any native Valley Oak (*Quercus lobata*), Blue Oak (*Quercus douglasii*), Interior Live Oak (*Quercus wislizenii*), Coast Live Oak (*Quercus agrifolia*), California Buckeye (*Aesculus californica*), or California Sycamore (*Platanus racemosa*), that has a diameter at standard height (DSH) of 12 inches or more, and is located on private property;
- A tree that has a DSH of 24 inches or more located on private property that:
    - Is an undeveloped lot; or
    - Does not include any single unit or duplex dwellings; or
- A tree that has a DSH of 32 inches or more located on private property that includes any single unit or duplex dwellings.

When circumstances do not allow for retention of trees, permits are required to remove City trees or private protected trees that are within the City's jurisdiction. In addition, City Code Section 12.56.050, Tree Permits, states that no person shall perform regulated work without a tree permit. The Tree Permit application requires a statement detailing the nature and necessity for the proposed regulated work, the location of the proposed work, and any tree replacement plans for evaluation and approval by the City Council.

As noted on the tentative map prepared for the proposed project, the project site currently contains 104 on-site trees with diameters ranging from three- to 18-inches that would be removed prior to development of the proposed project. Therefore, if any of the trees proposed for removal meet the criteria of being considered a City tree or private protected tree, pursuant to the City Code Section 12.56.050, the proposed project would be required to obtain a Tree Permit from the City prior to the commencement of construction. In addition, landscaping improvements would be provided throughout the site, including trees, shrubs, and groundcover. Upon compliance with the Tree Permit requirement in the City Code, the project would have no impact related to conflicting with local policies or ordinances protecting biological resources, such as a tree preservation policy, and would not result in any peculiar effects that would require further CEQA review related to such.

V. CULTURAL RESOURCES. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	☐	☐	✖
b. Cause a substantial adverse change in the significance of a unique archaeological resource pursuant to Section 15064.5?	☐	☐	✖
c. Disturb any human remains, including those interred outside of dedicated cemeteries.	☐	☐	✖

Discussion

a-c. Historical resources are features that are associated with the lives of historically important persons and/or historically significant events, that embody the distinctive characteristics of a type, period, region or method of construction, or that have yielded, or may be likely to yield, information important to the pre-history or history of the local area, California, or the nation. Examples of typical historical resources include, but are not limited to, buildings, farmsteads, rail lines, bridges, and trash scatters containing objects such as colored glass and ceramics.

According to the General Plan MEIR, the City's Planning Area contains numerous known historic resources recognized at the federal, State, and local level. Many known historic resources are located in the Central City, the oldest portion of the City. In addition, the General Plan MEIR notes that archaeological deposits have been found throughout the City, particularly in areas in close proximity to watercourses, including the Sacramento and American rivers.

The General Plan MEIR determined that compliance with the 2040 General Plan policies along with implementing actions and existing City requirements to protect and preserve historic and archaeological resources set forth in the City Code would reduce the significance of impacts to historic and archaeological resources. However, because feasible mitigation to guarantee that the loss, damage, or destruction of historically significant resources and archaeological resources (including human remains) does not exist, the General Plan MEIR concluded that buildout of the 2040 General Plan would result in a significant and unavoidable impact related to both historical and archaeological resources.

Currently, the project site is developed with an existing farmstead and associated buildings. According to the Phase I Environmental Site Assessment (ESA) conducted for the proposed project, construction of the on-site buildings occurred in 1946 and, thus, meet the Office of Historic Preservation's minimum age standard that buildings, structures, and objects 45 years or older may be of historical value. Four criteria are used to determine if a potential resource may be considered significant and eligible for listing on the National Register of Historic Places (NRHP) and/or the California Register of Historic Resources (CRHR). The criteria include resources that:

A. Are associated with events that have made a significant contribution to the broad patterns of history; or
B. Are associated with the lives of persons significant in our past; or
C. Embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that

represent a significant and distinguishable entity whose components may lack individual distinction; or

D. Have yielded or may likely yield information important in prehistory or history.

A review of historic aerial photographs revealed that prior to 1946, the project site was vacant and consisted of grassy land with no construction. By 1946, construction of the on-site farmstead had begun, and by 1950 surrounding residences appeared in aerial photographs. Topographic maps and aerial photographs show that residential development in the area surrounding the project site began in the early 1950s, and the project site and surrounding area have remained relatively unchanged since development started.

According to the City of Sacramento Technical Background Report,[9] World War II era and post-war residential buildings may express regional suburban settlement patterns, experimental materials, new or non-traditional building technologies, blurring or blending of indoor/outdoor spaces, and stylistic preferences of the architects, landscape architects, builders and residents. Therefore, the aspects of design, materials, and workmanship convey the importance of building technology, craft, and artistic inclinations of designers, builders, and owners. Location and setting are important aspects, providing the physical and functional contexts for the resource, and recognizing many of the suburban single-family homes' lots, street layouts, and landscape plans were part of the overall attraction of World War II and post-war era buildings. Exemplary workmanship was not necessarily as highly valued, or needed, in the post-war era because experimentation with new materials and manufacturing techniques was more important than hand craftsmanship.

Few changes have occurred to the overall project area between the early 1950s and present day. However, some building re-configuring and cosmetic updates have been made to the buildings on the project site. Accordingly, the buildings have been modified from their original construction, which has diminished the buildings' integrity of design, materials, workmanship, and feeling. In addition, the on-site buildings are similar in the design, style, and construction of the other residential development in the project vicinity, and the residential development within the project vicinity is not associated with important events, personalities and/or technologies important in State or regional history. As such, the existing on-site buildings lack any distinctive characteristics of type, method of construction, or artistic value, would not meet any of the criteria to be listed in the NRHP or CRHR, and generally would not be considered historical buildings.

In addition, given that the project site is developed with an existing farmstead and small agricultural buildings, the site has been subject to regular disturbance. Therefore, any surface-level historical or cultural resources located on-site would likely have been previously encountered. Nonetheless, in the event that historical or archaeological resources are discovered during construction or grading activities, the project would be required to comply with all applicable General Plan policies and programs, including, but not limited to, General Plan Policy HCR-1.1, which directs the City to promote the preservation, restoration, enhancement, and recognition of cultural resources throughout the City; Policy HRC-1.14 related to compliance with federal and State regulations aimed at protecting archaeological, cultural, and tribal cultural resources; Action HCR-A.8, which requires the City to apply standard conditions of approval related to the halting of excavation work in the vicinity of an identified resource discovery, notification of the City,

[9] City of Sacramento. *Sacramento 2040 Technical Background Report*. Adopted January 19, 2021.

and coordination with the City to determine the appropriate response; Policy HCR-1.15, which requires Native American human remains to be treated with sensitivity and dignity in coordination with the Native American Heritage Commission (NAHC); and policies related to the City's role in preserving historical resources (Policy HCR-2.1, HCR-2.2, and HCR-2.4). Implementation of all applicable General Plan policies would avoid potential impacts to significant cultural resources whenever possible and to conduct mitigation if impacts are unavoidable. In addition, the proposed project would be required to adhere to California Health and Safety Code Section 7050.5 and Section 7052 of California PRC Section 5097 if human remains are uncovered during ground-disturbing activities.

As previously discussed, pursuant to CEQA Guidelines Section 15183(f), "An effect of a project on the environment shall not be considered peculiar to the project or the parcel for the purposes of this section if uniformly applied development policies or standards have been previously adopted by the city or county with a finding that the development policies or standards will substantially mitigate that environmental effect when applied to future projects, unless substantial new information shows that the policies or standards will not substantially mitigate the environmental effect. […]" In the case of the proposed project, compliance with the City's General Plan policies, programs, and actions, as well as California Health and Safety Code Section 7050.5 and Section 7052 of California PRC Section 5097, would substantially mitigate potential project impacts to cultural resources.

Based on the above, impacts related to causing a substantial adverse change in the significance of a historic or archaeological resource pursuant to CEQA Guidelines Section 15064.5 and/or disturbing human remains, including those interred outside of formal cemeteries, were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

VI. ENERGY. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	✖
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	✖

Discussion

a,b. New development that would occur within the City is assessed to determine if SMUD can accommodate the energy needs of the project. In addition, implementation of policies and programs included in the 2040 General Plan would reduce energy use for new development and encourage the use of renewable energy sources. The policies would also ensure that new development projects use design features, building materials, and building practices that would increase energy efficiency. Thus, the General Plan MEIR concluded that a less-than-significant impact would occur related to wasteful, inefficient, or unnecessary energy consumption with the implementation of General Plan policies and programs, as well as potential conflicts with or obstructing a State or local energy plan.

A description of the 2022 California Green Building Standards Code and the Building Energy Efficiency Standards, with which the proposed project would be required to comply, as well as discussions regarding the project's potential effects related to energy demand during construction and operations are provided below.

California Green Building Standards Code

The 2022 California Green Building Standards Code, otherwise known as the CALGreen Code (CCR Title 24, Part 11), is a portion of the California Building Standards Code (CBSC), which became effective with the rest of the CBSC on January 1, 2023.[10] The purpose of the CALGreen Code is to improve public health, safety, and general welfare by enhancing the design and construction of buildings through the use of building concepts having a reduced negative impact or positive environmental impact and encouraging sustainable construction practices. The CALGreen Code standards regulate the method of use, properties, performance, types of materials used in construction, alteration, repair, improvement, and rehabilitation of a structure or improvement to a property. The provisions of the code apply to the planning, design, operation, construction, use, and occupancy of every newly constructed building or structure throughout California. Requirements of the CALGreen Code include, but are not limited to, the following measures:

- Compliance with relevant regulations related to future installation of electric vehicle (EV) charging infrastructure in residential and non-residential structures;
- Indoor water use consumption is reduced through the establishment of maximum fixture water use rates;
- Outdoor landscaping must comply with the California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), or a local ordinance, whichever is more stringent, to reduce outdoor water use;
- Diversion of 65 percent of construction and demolition waste from landfills;

[10] California Building Standards Commission. *2022 California Green Building Standards Code*. 2023.

- Incentives for installation of electric heat pumps, which use less energy than traditional heating, ventilation, and air conditioning (HVAC) systems and water heaters;
- Required solar photovoltaic (PV) systems and battery storage standards for certain buildings; and
- Mandatory use of low-pollutant emitting interior finish materials such as paints, carpet, vinyl flooring, and particle board.

Building Energy Efficiency Standards

The 2022 Building Energy Efficiency Standards is a portion of the CBSC, which expands upon energy-efficiency measures from the 2019 Building Energy Efficiency Standards, and went into effect starting January 1, 2023. The 2022 standards provide for additional efficiency improvements beyond the 2019 standards. The proposed project would be subject to all relevant provisions of the most recent update of the CBSC, including the Building Energy Efficiency Standards. Adherence to the most recent CALGreen Code and Building Energy Efficiency Standards would ensure that the proposed structures would consume energy efficiently.

Construction Energy Use

Construction of the proposed project would involve increased energy demand and consumption related to the use of oil in the form of gasoline and diesel fuel for construction worker vehicle trips, hauling and materials delivery truck trips, and operation of off-road construction equipment. In addition, diesel-fueled portable generators may be necessary to provide additional electricity demands for temporary lighting, welding, and for supplying energy to areas of the site where energy supply cannot be met through a hookup to the existing electricity grid. Even during the most intense period of construction, due to the different types of construction activities (e.g., site preparation, grading, building construction), only portions of the project site would be disturbed at a time, with operation of construction equipment occurring at different locations on the project site, rather than a single location. Project construction would not involve the use of natural gas appliances or equipment.

All construction equipment and operation thereof would be regulated by the CARB's In-Use Off-Road Diesel Vehicle Regulation, which is intended to reduce emissions from in-use, off-road, heavy-duty diesel vehicles in California by imposing limits on idling, requiring all vehicles to be reported to CARB, restricting the addition of older vehicles into fleets, and requiring fleets to reduce emissions by retiring, replacing, or repowering older engines, or installing exhaust retrofits. In addition, as a means of reducing emissions, construction vehicles are required to become cleaner through the use of renewable energy resources. The In-Use Off-Road Diesel Vehicle Regulation would therefore help to improve fuel efficiency for equipment used in construction of the proposed project. Technological innovations and more stringent standards are being researched, such as multi-function equipment, hybrid equipment, or other design changes, which could help to reduce demand on oil and limit emissions associated with construction.

Based on the above, the temporary increase in energy use occurring during construction of the proposed project would not result in a significant increase in peak or base demands or require additional capacity from local or regional energy supplies. In addition, the proposed project would be required to comply with all applicable regulations related to

energy conservation and fuel efficiency, which would help to reduce the temporary increase in demand.

Operational Energy Use

Following implementation of the proposed project, SMUD would provide electricity to the project site. Energy use associated with operation of the proposed project would be typical of residential uses, requiring electricity for interior and exterior building lighting, HVAC, electronic equipment, machinery, refrigeration, appliances, security systems, and more. Maintenance activities during operations, such as landscape maintenance, would involve the use of electric or gas-powered equipment. In addition to on-site energy use, the proposed project would result in transportation energy use associated with vehicle trips generated by residents.

The proposed project would be subject to all relevant provisions of the CBSC, including the Building Energy Efficiency Standards and CALGreen Code. Adherence to the CALGreen Code, Building Energy Efficiency Standards, and all applicable regulations included in the City's Climate Adaptation and Action Plan (CAAP) would ensure that the proposed structures would consume energy efficiently through the incorporation of such features as efficient water heating systems, high-performance attics and walls, and high-efficacy lighting. Required compliance with the CBSC would ensure that the building energy use associated with the proposed project would not be wasteful, inefficient, or unnecessary. In addition, electricity supplied to the project site by SMUD would comply with the State's Renewable Portfolio Standard (RPS), which requires investor-owned utilities, electric service providers, and community choice aggregators to increase procurement from eligible renewable energy sources to 60 percent of total procurement by 2030.

The 2040 General Plan also includes policies such as ERC-4.3 (Project Design), ERC-8.1 (Cooling Design Techniques), ERC-9.4 (Carbon-Neutral Buildings), and ERC-9.9 (Onsite Alternative Energy Creation), which would require projects to use green building technologies that meet or exceed the CALGreen energy efficiency standards, encourage alternative energy creation and on-site energy production, promote development that would be 100 percent electric, and transition existing buildings from fossil fuel-power to electric power.

With respect to transportation energy use, the proposed project would comply with all applicable regulations associated with vehicle efficiency and fuel economy. Further discussion of vehicle miles traveled (VMT) associated with the proposed project is provided in Section XVII, Transportation, of this Modified Initial Study. Additionally, the City of Sacramento and surrounding areas provide residents with numerous public transportation options. Transit options include local bus stops and regional transit throughout the City. Transit would provide access to several grocery stores, restaurants, and businesses within close proximity to the project site. The site's access to public transit and pedestrian facilities would reduce VMT and, consequently, fuel consumption associated with the proposed single-family residences.

Based on the above, compliance with the State's latest Energy Efficiency Standards and local regulations would ensure that the proposed project would implement all necessary energy efficiency regulations and contribute to the efficient use of energy resources.

Conclusion

Based on the above, the proposed project would involve energy use associated with construction activities and operations. Given that the proposed project would be consistent with the site's General Plan land use designation, buildout of the project site and associated energy demands have been anticipated by the City and analyzed in the General Plan MEIR. Furthermore, the project would comply with applicable General Plan policies, as well as other State energy standards, which would ensure that construction and operation of the proposed project would not result in wasteful, inefficient, or unnecessary consumption of energy resources or conflict with or obstruct a State or local plan for renewable energy or energy efficiency. Based on the above, impacts related to energy use were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review for this topic.

VII. GEOLOGY AND SOILS. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:			
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	✖
ii. Strong seismic ground shaking?	☐	☐	✖
iii. Seismic-related ground failure, including liquefaction?	☐	☐	✖
iv. Landslides?	☐	☐	✖
b. Result in substantial soil erosion or the loss of topsoil?	☐	☐	✖
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	✖
d. Be located on expansive soil, as defined in Table 18-1B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	✖
e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	✖
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	✖

Discussion

ai-aii. The General Plan MEIR identifies the City as being located in the Great Valley, a relatively flat alluvial plain underlain by thick alluvial deposits, that typically does not experience strong ground shaking resulting from earthquakes along known active or older faults of the geomorphic province. As discussed on page 4.7-5 of the General Plan MEIR, the City of Sacramento does not include any Alquist-Priolo Earthquake Fault Zones and is not located in the immediate vicinity of an active fault. The closest fault to the project site is the Cordelia Fault, which is located approximately 68.47 miles away.[11] Thus, the potential for fault rupture risk at the project site is relatively low. However, according to the General Plan MEIR, Sacramento is located in a moderately seismically active region with periodic ground shaking as a result of distant earthquakes.

Based on the moderate seismic activity within the region, commercial, institutional, and residential buildings and associated infrastructure within the City are required by Chapter 15.20 of the City Code to incorporate seismic-resistant design in conformance with the most recent version of the CBSC. Projects designed in accordance with the CBSC should be able to: 1) resist minor earthquakes without damage; 2) resist moderate earthquakes without structural damage, but with some non-structural damage; and 3) resist major earthquakes without collapse, but with some structural, as well as non-structural, damage.

[11] U.S. Department of Conservation. *Earthquake Zones of Required Investigation.* Available at: https://maps.conservation.ca.gov/cgs/informationwarehouse/eqzapp/. Accessed July 2025.

Although conformance with the CBSC does not guarantee that substantial structural damage would not occur in the event of a maximum magnitude earthquake, conformance with the CBSC can reasonably be assumed to ensure that structures would be survivable, allowing occupants to safely evacuate in the event of a major earthquake. In addition, General Plan Policies ERC-7.1, ERC-7.2, and EJ-1.6 require that the City regulates structures intended for human occupancy to ensure structural stability from seismic events, including liquefaction hazards. Requirements specific to liquefaction hazards can be mitigated through adherence to the soil and foundation support parameters in Chapters 16 and 18 of the CBSC and the grading requirements in Chapters 18, 33, and the appendix to Chapter 33 of the CBSC.

The General Plan MEIR concluded that compliance with applicable General Plan policies and the CBSC would ensure impacts related to seismic ground shaking would be less than significant. The proposed project would be subject to the CBSC requirements. In addition, because the proposed project would be consistent with the site's General Plan land use designation, potential ground shaking hazards associated with buildout of the project site have been anticipated by the City. Overall, impacts related to seismic rupture of a known earthquake fault or strong seismic ground shaking were adequately addressed in the General Plan MEIR, and the proposed project would not result in any effects that would require further CEQA review for this topic.

aiii,aiv,
c. The proposed project's potential effects related to liquefaction, landslides, lateral spreading, and subsidence/settlement are discussed in detail below.

Liquefaction

Liquefaction is the temporary transformation of loose, saturated granular sediments from a solid state to a liquefied state as a result of seismic ground shaking. In the process, the soil undergoes transient loss of strength, which commonly causes ground displacement or ground failure to occur. Because saturated soils are a necessary condition for liquefaction, soil layers in areas where the groundwater table is near the surface have higher liquefaction potential than those in which the water table is located at greater depths. Additionally, loose unsaturated sandy soils have the potential to settle during strong seismic shaking. Liquefaction can often result in subsidence or settlement.

The California Geological Survey (CGS) has not evaluated the project site for liquefaction hazards.[12] The nearest known liquefaction zone is located approximately 37.27 miles south of the project site. According to the General Plan MEIR, compliance with General Plan policies would reduce the potential for substantial adverse effects due to exposure of seismic-related ground failure. The proposed project would be subject to applicable General Plan policies presented in the General Plan MEIR under Impact 4.7-2 to mitigate possible exposure of people and structures to liquefaction.

In addition, the CBSC, as adopted by Chapter 15.20 of the City Code, provides standards to protect property and public safety by regulating the design and construction of excavations, foundations, building frames, retaining walls, and other building elements, which would further reduce the potential for seismic-related ground failure, including liquefaction. Requirements specific to liquefaction hazards can be mitigated through

[12] U.S. Department of Conservation. *Earthquake Zones of Required Investigation*. Available at: https://maps.conservation.ca.gov/cgs/informationwarehouse/eqzapp/. Accessed July 2025.

adherence to the soil and foundation support parameters in Chapters 16 and 18 of the CBSC and the grading requirements in Chapters 18, 33, and the appendix to Chapter 33 of the CBSC. Compliance with the aforementioned uniformly applicable development regulations would ensure that the potential for risks related to liquefaction would be less than significant.

The proposed project would be required to comply with the CBSC as established by Chapter 15.20 of the City's Municipal Code. Given that the proposed project would be consistent with the project site's General Plan land use designation, the risks from liquefaction have been previously analyzed in the General Plan MEIR. The MEIR concluded that compliance with the General Plan policies and the CBSC would ensure that seismically induced ground shaking and secondary effects, including liquefaction, would be minimized.

Landslides

Seismically-induced landslides are triggered by earthquake ground shaking. The risk of landslide hazard is greatest in areas with steep, unstable slopes. The topography of the project site is considered level terrain and the project site does not contain any slopes. Thus, impacts related to landslides would be less than significant.

Lateral Spreading

Lateral spreading is horizontal/lateral ground movement of relatively flat-lying soil deposits towards a free face such as an excavation, channel, or open body of water; typically, lateral spreading is associated with liquefaction of one or more subsurface layers near the bottom of the exposed slope. The project site does not contain any open faces that would be considered susceptible to lateral spreading. In addition, as noted above, the site is not anticipated to be subject to liquefaction hazards. Therefore, the potential for lateral spreading to pose a risk to the proposed development is low.

Subsidence/Settlement

Subsidence is the settlement of soils of very low density generally from either oxidation of organic material, or desiccation and shrinkage, or both, following drainage. Subsidence takes place gradually, usually over a period of several years, and is a common consequence of liquefaction. As discussed above, on-site soils are not anticipated to be subject to substantial liquefaction risks. Because the site presents low potential for liquefaction, the potential for seismically induced settlement to occur at the project site is also considered to be low. In addition, the General Plan MEIR determined that the risk of liquefaction (and associated effects, such as subsidence/settlement) would be less than significant with compliance with the CBSC. The proposed project would be required to comply with all applicable policies, regulations, and standards set forth by the State and the City of Sacramento. Therefore, impacts related to subsidence/settlement would be less than significant.

Conclusion

Based on the above, impacts related to substantial risks related to liquefaction, landslides, lateral spreading, and subsidence/settlement were adequately addressed in the General Plan MEIR, and the proposed project would not result in any effects that would require further CEQA review for this topic.

b. During construction activities, topsoil would be exposed following site grading and prior to constructing building foundations. As a result, the potential for topsoil erosion would exist. Following project development, exposed soils would be covered with impervious surfaces or landscaping and, thus, the potential for erosion to occur would not exist long-term.

Issues related to erosion and degradation of water quality during construction are discussed in Section X, Hydrology and Water Quality, of this Modified Initial Study, under question 'a.' As noted therein, the City's National Pollutant Discharge Elimination System (NPDES) permit requires applicants to show proof of coverage under the State's General Construction Permit prior to receipt of any construction permits. The State's General Construction Permit requires any project that would disturb more than one acre of land to prepare a Storm Water Pollution Prevention Plan (SWPPP). A SWPPP describes BMPs to control or minimize pollutants from entering stormwater and must address both grading/erosion impacts and non-point source pollution impacts of the development project. Additionally, in accordance with City Code Section 15.88.250, City of Sacramento staff would require preparation of an Erosion and Sediment Control Plan that demonstrates how the proposed project would control surface runoff and erosion and retain sediment on the project site during project construction. The erosion control measures included in both the SWPPP and the Erosion and Sediment Control Plan would ensure that the proposed project would not result in substantial erosion or the loss of topsoil.

The General Plan MEIR concluded that, with implementation of all required regulations, including preparation of Erosion and Sediment Control Plans and a SWPPP, impacts related to soil erosion and loss of topsoil would be less than significant. The proposed project would be required to prepare and implement both an Erosion and Sediment Control Plan and a SWPPP. Therefore, impacts related to soil erosion or loss of topsoil were adequately addressed in the General Plan MEIR, and the proposed project would not result in any effects that would require further CEQA review for this topic.

d. Expansive soils can undergo significant volume change with changes in moisture content. Specifically, such soils shrink and harden when dried and expand and soften when wetted. Expansive soils can shrink or swell and cause heaving and cracking of slabs-on-grade, pavements, and structures founded on shallow foundation. Building damage due to volume changes associated with expansive soil can be reduced by a variety of solutions. If structures are underlain by expansive soils, foundation systems must be capable of tolerating or resisting any potentially damaging soil movements, and building foundation areas must be properly drained. Exposed soils must be kept moist prior to placement of concrete for foundation construction.

The General Plan MEIR includes various policies related to soil hazards, including Policy ERC-7.1, which includes the City's requirement for projects located in areas of expansive soils to submit geotechnical investigation reports. Soils with a low expansive potential rate at less than three percent, moderate between three percent and six percent, high between six percent and nine percent, and very high potential above nine percent. According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey program,[13] mapped soils within the project site consist of Clear Lake clay, which rates at 6.6 percent, a high potential. Therefore, the on-site clays, when

[13] Natural Resources Conservation Service. *Web Soil Survey.* Available at: https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx. Accessed July 2025.

present within the upper portion of the proposed building pads, could exert expansion pressures on building foundations and exterior flatwork. However, the proposed project would be required to comply with General Plan Policy ERC-7.1 and demonstrate that the project conforms to all mitigation measures and recommendations included within a project-specific Geotechnical Report prepared for the proposed project. In addition, the proposed project would be required to comply with CBSC standards, pursuant to Chapter 15.20 of the City Code, which would ensure that impacts related to constructing on expansive soils would be eliminated through foundation design.

Based on the above, the proposed project would not result in impacts related to substantial direct or indirect risks to life or property related to being located on expansive soil, as defined in Table 18-1B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property that would require further CEQA review.

e. The proposed project would connect to existing City sewer services. Thus, the construction or operation of septic tanks or other alternative wastewater disposal systems is not included as part of the project, and the proposed project would not result in any effects that would require further CEQA review for this topic.

f. Paleontological resources or fossils are the remains of prehistoric plant and animal life. The City's General Plan MEIR does not indicate the existence of any unique geologic features within the City. Consequently, the proposed project would not be anticipated to result in direct or indirect destruction of unique geologic features. The General Plan MEIR indicates on page 4.7-8 that paleontological resources could occur within the geologic formations underlying the City Planning Area due to deposits laid down by large river systems. However, the General Plan MEIR ultimately concluded that compliance with the Paleontological Resource Protection Act and PRC Section 5097.5 would protect vertebrate paleontological sites and other paleontological resources. In addition, Policy HCR-1.1 requires the City to preserve cultural resources, which includes paleontological resources. Therefore, with adherence to the foregoing regulatory requirements and policies, the General Plan MEIR determined that potential impacts to paleontological resources would be reduced to a less-than-significant level.

The project site does not contain any peculiar conditions that would result in increased potential for subsurface paleontological resources. Furthermore, the proposed project would be required to comply with all applicable federal, State, and local requirements to avoid potential adverse effects to paleontological resources, if such resources are discovered during ground-disturbing activities on the site. The project site is developed with an existing farmstead and small agricultural buildings and has been subject to regular disturbance. Therefore, it is likely that surface-level paleontological resources located on-site would have been previously encountered.

Based on the above, impacts related to resulting in the direct or indirect destruction of a unique paleontological resource were adequately addressed in the General Plan MEIR, and the proposed project would not result in any effects that would require further CEQA review for this topic.

VIII. GREENHOUSE GAS EMISSIONS. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	✖
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gasses?	☐	☐	✖

Discussion

a,b. Emissions of greenhouse gases (GHGs) contributing to global climate change are attributable in large part to human activities associated with the industrial/manufacturing, utility, transportation, residential, and agricultural sectors. Therefore, the cumulative global emissions of GHGs contributing to global climate change can be attributed to every nation, region, and city, and virtually every individual on Earth. An individual project's GHG emissions are at a micro-scale level relative to global emissions and effects to global climate change; however, an individual project could result in a cumulatively considerable incremental contribution to a significant cumulative macro-scale impact. As such, impacts related to emissions of GHG are inherently considered cumulative impacts.

Implementation of the proposed project would cumulatively contribute to increases of GHG emissions. Estimated GHG emissions attributable to the project would be primarily associated with increases of carbon dioxide (CO_2) and, to a lesser extent, other GHG pollutants, such as methane (CH_4) and nitrous oxide (N_2O) associated with area sources, mobile sources or vehicles, utilities (electricity and natural gas), water usage, wastewater generation, and the generation of solid waste. The common unit of measurement for GHG is expressed in terms of annual metric tons of CO_2 equivalents ($MTCO_2e$/yr).

Recognizing the global scale of climate change, California has enacted several pieces of legislation in an attempt to address GHG emissions. Specifically, AB 32, and more recently Senate Bill (SB) 32, have established statewide GHG emissions reduction targets. Accordingly, the CARB has prepared the Climate Change Scoping Plan for California (Scoping Plan), which was approved in 2008, and updated in 2017 and 2022. The Scoping Plan provides the outline for actions to reduce California's GHG emissions and achieve the emissions reductions targets required by AB 32. In concert with statewide efforts to reduce GHG emissions, air districts, counties, and local jurisdictions throughout the State have implemented their own policies and plans to achieve reductions in line with the Scoping Plan and emissions reductions targets, including AB 32 and SB 32.

The General Plan MEIR analyzed the potential for implementation of the 2040 General Plan to result in the generation of levels of GHGs that could cause cumulatively considerable impacts to the environment. As discussed under Impact 4.8-1 of the General Plan MEIR, the 2040 General Plan would enable the City to meet the 2030 GHG emission requirements included in SB 32 and would assist in meeting broader statewide emission reduction targets. In addition, the City's CAAP update includes measures and actions that enable the City to reduce projected 2030 GHG emissions and make substantial progress towards the City's goal of carbon neutrality by 2045. Thus, the General Plan MEIR concluded that potential impacts related to GHG emissions would be less than significant.

GHG emissions resulting from construction and operations of the proposed project were modeled using the CalEEMod emissions model under the same assumptions as discussed in Section III, Air Quality, of this Modified Initial Study. All modeling results are included as Appendix A. In addition to project compliance with SMAQMD's established thresholds, potential impacts related to climate change from development within the City are assessed based on the project's compliance with the City's newly adopted CAAP reduction measures. In addition, SMAQMD has adopted thresholds of significance for GHG emissions during construction and operations of projects, which are discussed in further detail below.

Construction

Construction-related GHG emissions are a one-time release and are, therefore, not typically expected to generate a significant contribution to global climate change, as global climate change is inherently a cumulative effect that occurs over a long period of time and is quantified on an annual basis.

Nonetheless, to ensure the proposed project would result in emissions below the SMAQMD threshold, GHG emissions were modeled using CalEEMod under the same assumptions as presented in Section III, Air Quality, of this Modified Initial Study. For construction-related GHG emissions, SMAQMD has adopted a threshold of significance of 1,100 $MTCO_2e$/yr. If construction of the proposed project would result in emissions that exceed 1,100 $MTCO_2e$/yr, then construction could result in a potentially significant impact and mitigation measures would be required. The estimated unmitigated maximum annual construction-related emissions from the proposed project are presented in Table 4.

Table 4
Total Maximum Unmitigated Construction GHG Emissions

	GHG Emissions ($MTCO_2e$/yr)
Maximum Construction GHG Emissions	173
SMAQMD Threshold	**1,100**
Exceeds Threshold?	**NO**

Source: CalEEMod, July 2025 (see Appendix A).

Based on the modeling conducted for the proposed project, construction of the project was estimated to generate maximum unmitigated GHG emissions of 173 $MTCO_2e$/yr. As shown in the table, maximum emissions related to construction of the proposed project would not exceed the applicable threshold of significance. Therefore, project construction would not result in a cumulatively considerable contribution to global climate change.

Operations

SMAQMD has adopted qualitative thresholds of significance for GHG emissions during operations of projects. However, SMAQMD's CEQA Guidelines note that, where local jurisdictions have adopted thresholds or guidance for analyzing GHG emissions, the local thresholds should be used for the project analysis. The City of Sacramento has adopted a CAAP, which provides a jurisdiction-wide approach to the analysis of GHG emissions. The City's CAAP includes Citywide measures intended to reduce emissions from existing sources, as well as measures aimed at reducing emissions from future sources related to development within the City. Thus, the analysis provided herein is focused on the proposed project's consistency with the City's CAAP. Nonetheless, the estimated unmitigated maximum annual operational emissions from the proposed project were

modeled for informational purposes. According to the CalEEMod calculations, the proposed project would generate maximum unmitigated GHG emissions of 515 $MTCO_2e$/yr during operations.

Consistency with the City of Sacramento CAAP

The City of Sacramento has integrated a CAAP into the City's 2040 General Plan. Potential impacts related to climate change from development within the City are assessed based on the project's compliance with the City's newly adopted CAAP reduction measures. The majority of the reduction measures set forth in the CAAP are citywide efforts in support of reducing overall citywide emissions of GHG and are not applicable to individual development projects. However, various measures related to new development within the City would directly apply to the proposed project. The project's general consistency with the applicable CAAP measures is discussed below.

Measure E-2 of the CAAP is intended to eliminate natural gas in new construction through the adoption of new regulations that mandate all-electric construction in new buildings within the City. Pursuant to Sacramento City Code Section 15.38.020, which includes local amendments to the CALGreen Code, new buildings three-stories or less constructed after January 1, 2023, shall be all-electric, and all new buildings constructed after January 1, 2026, shall be all-electric. The proposed project would be designed such that all project components are built all-electric in compliance with Sacramento City Code Section 15.38.030. Therefore, the project would be consistent with Measure E-2 of the CAAP.

In addition, all internal roadways and pedestrian connections would be constructed in conformance with City standards. As such, the proposed project would generally comply with Action TR-1.2 of the CAAP. Further, landscaping improvements would be provided throughout the site and would comply with the City's Water Efficient Landscape Ordinance (WELO), as established by Chapter 15.92 of the City Code, consistent with Action WW-1.3 of the CAAP.

The CAAP also includes Action WW-1.4, related to the use of low impact development (LID) strategies for new construction and development. As discussed in Section X, Hydrology and Water Quality, of this IS/MND, the proposed source control measures included as part of the proposed project would be designed consistent with the standards set forth in the Sacramento Region Stormwater Quality Design Manual. The proposed project would implement LID measures such as the incorporation of pervious pavement, interceptor trees, and compost amended soil. Thus, the proposed project would generally comply with Action WW-1.4 of the CAAP.

Additionally, while, as discussed above, several measures and actions included in the CAAP are intended for Citywide implementation, and are, therefore, not directly applicable to the proposed project, the proposed project would generally be designed consistent with the goals of such measures and actions. For example, consistent with the goal of Measure E-5, the proposed project would be located on a site entirely surrounded by existing development and, as discussed in Section XVII, Transportation, would result in a less-than-significant impact related to VMT. In addition, the proposed project would include construction of sidewalks along the site's internal roadway system, as well as sidewalk improvements along the site's southern Tanzanite Avenue frontage, and a sidewalk extension between lots 16 and 17 connecting to Airport Road on the site's western frontage. Such sidewalk improvements would help to remove barriers to access transit stops, with the nearest bus stop located approximately 0.5-mile southeast of the project

site, and provide low-stress connectivity to the existing transit stops in the project vicinity, consistent with Action TR-2.10. Finally, consistent with the goal of Action W-1.5, the proposed project would be required to subscribe to organics recycling collection service through the City's franchised commercial haulers in accordance with Section 13.24.520 of the City Code.

As discussed above, the General Plan MEIR concluded that buildout of the City's General Plan, including the project site, would not result in a conflict with applicable plans, policies, or regulations adopted for the purpose of reducing GHG emissions. The proposed project would be consistent with the City's N General Plan land use designation for the site, as well as the CAAP policies discussed above that are intended to reduce GHG emissions from buildout of the City's General Plan. Thus, GHG emissions from operation of the proposed project would be generally similar to what was previously analyzed in the MEIR and would be consistent with the CAAP.

Conclusion

Based on the above, the proposed project would not generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment, or conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs. Because the proposed project would not be considered to conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs, the proposed project would not result in any peculiar effects related to the generation of GHG emissions, and requirements for additional CEQA review are not met.

IX. HAZARDS AND HAZARDOUS MATERIALS. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	✖
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment?	☐	☐	✖
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	✖
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	✖
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	✖
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	✖
g. Expose people or structures, either directly or indirectly, to the risk of loss, injury or death involving wildland fires?	☐	☐	✖

Discussion

a. The General Plan MEIR does not specifically evaluate the routine transport, use, or disposal of hazardous materials, but does include discussions on the potential for buildout of the 2040 General Plan to expose people to hazardous materials during construction. As discussed throughout Impacts 4.9-1 through 4.9-3, various regulations and guidelines mitigate exposure to hazardous materials, including asbestos, lead, PCBs, and mercury. The use of hazardous materials is regulated in part by the California Occupational Safety and Health Administration (OSHA), including requirements for safety training, availability of safety equipment, hazardous materials exposure warnings, and emergency action and fire prevention plan preparation. OSHA enforces the hazard communication program regulations, which include provisions for identifying and labeling hazardous materials, describing the hazards of chemicals, and documenting employee-training programs.

Residential uses are not typically associated with the routine transport, use, disposal, or generation of hazardous materials. Operations would likely involve use of common household cleaning products, fertilizers, and herbicides on-site, any of which could contain potentially hazardous chemicals; however, such products would be expected to be used in accordance with label instructions. Due to the regulations governing use of such products and the amount that would be used on the site, occasional use of such products would not represent a substantial risk to public health or the environment during project operation. Therefore, the proposed project would not result in any impacts related to creating a significant hazard to the public or the environment through the routine transport,

use, or disposal of hazardous materials, and further CEQA review is not required for this topic.

b,d. The following discussion provides an analysis of potential hazards and hazardous materials associated with upset or accident conditions related to the proposed construction activities and existing on-site conditions.

The General Plan MEIR concluded that given compliance with applicable General Plan policies, as well as local, State, and federal regulations related to hazardous waste, impacts related to hazards and hazardous materials would be less than significant.

Construction Activities

Construction activities associated with the proposed project would involve the use of heavy equipment, which would contain fuels and oils, and various other products such as concrete, paints, and adhesives. Small quantities of potentially toxic substances (e.g., petroleum and other chemicals used to operate and maintain construction equipment) would be used at the project site and transported to and from the site during construction. However, the project contractor would be required to comply with all California Health and Safety Codes and local City ordinances regulating the handling, storage, and transportation of hazardous and toxic materials. Pursuant to California Health and Safety Code Section 25510(a), except as provided in subdivision (b), the handler or an employee, authorized representative, agent, or designee of a handler, shall, upon discovery, immediately report any release or threatened release of a hazardous material to the unified program agency (in the case of the proposed project, the Sacramento County Environmental Compliance Division) in accordance with the regulations adopted pursuant to this section. The handler or an employee, authorized representative, agent, or designee of the handler shall provide all State, City, or County fire or public health or safety personnel and emergency response personnel with access to the handler's facilities. In the case of the proposed project, the contractor is required to notify the Sacramento County Environmental Compliance Division in the event of an accidental release of a hazardous material, who would then monitor the conditions and recommend appropriate remediation measures. Compliance with such regulations would ensure that a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions during construction would not occur.

Existing On-Site Hazardous Conditions

The General Plan MEIR evaluated potential exposure to hazardous materials under Impact 4.9-1, related to contaminated soils, Impact 4.9-2, related to hazardous building materials, and Impact 4.9-3, related to contaminated groundwater. The General Plan MEIR concluded that compliance with all applicable rules and regulations, along with implementation of the General Plan policies, would reduce the potential for exposure of construction workers and the general public to unusual or excessive risks related to such hazardous materials or situations, including accidental releases to the environment to a less-than-significant level.

With respect to sites with known hazardous materials, Government Code Section 65962.5 requires the California Environmental Protection Agency to annually develop an updated Cortese List. The project site is not located on or near any hazardous waste sites identified on the map of Department of Toxic Substances Control (DTSC) cleanup sites[14] or the list

[14] Department of Toxic Substances Control. *EnviroStor.* Available at: https://www.envirostor.dtsc.ca.gov/public/map. Accessed July 2025.

of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO) from the SWRCB.[15] The project site is listed on the State Water Resources Control Board's (SWRCB) GeoTracker system and list of leaking underground storage tank (LUST) sites.[16] Thus, the project site is identified on the Cortese List. However, as described below, the Sacramento County Environmental Management Division (SCEMD) and the State of California closed the site and determined that further remediation is not required.

A Phase I ESA was prepared for the proposed project by Lush Geosciences, Inc. to identify potential recognized environmental conditions (RECs) associated with the project site (see Appendix B).[17] The Phase I ESA included an examination of records pertaining to the project site and the vicinity at offices of Sacramento County and the State of California, historical research including review of aerial photographs and historical maps, review of materials provided by the project site owners and interviews with owners of adjacent properties, and a site reconnaissance.

According to the Phase I ESA, Sacramento County files showed references to past hazardous materials on-site in two underground tanks and associated aboveground tanks. The site reconnaissance performed during a previous Phase I and Phase II ESA prepared for the project site identified the above-mentioned hazardous materials as two underground storage tanks (USTs) used for storing gasoline, and two aboveground storage tanks (ASTs) used for storing diesel fuel. The USTs and the ASTs were all removed from the property in accordance with regulatory requirements. Soil testing was conducted before and during removal, including the collection of 10 hand auger soil samples from a total of 24 direct push borings before removal, and 22 soil samples and one groundwater sample from a total of 17 additional direct push borings during removal. The soil and groundwater sampling determined that both of the USTs located on the project site leaked prior to removal, and remedial actions were taken, including excavations near each former UST, the removal of impacted soil, and the replacement of soils with clean overburden soil that was generated during the excavation, as well as imported crushed rock and soil. In addition, six groundwater monitoring wells were installed at the project site to depths ranging from approximately 25 feet below ground surface (bgs) to 30 feet bgs. Soil vapor samples were collected from six locations on a residential property located to the south of the project site, and the contaminant levels found in the subsurface were well below levels established by the DTSC and the Environmental Protection Agency (EPA) for determining potential health risks. According to the Phase I ESA, results from the on-site groundwater monitoring wells show that the excavation work was effective in improving groundwater quality beneath the project site. Thus, the SCEMD and the State of California determined that the remaining contaminants in groundwater pose a low threat to human health and the environment and closed the project site with no further remediation required. The Phase I ESA prepared for the proposed project concluded that the former USTs on the project site represent a Historical Recognized Environmental Condition (HREC), or a past release of hazardous substances that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority, and further action is not required. Thus,

[15] State Water Resources Control Board. *Active CDO and CAO*. Available at: https://calepa.ca.gov/sitecleanup/corteselist/. Accessed July 2025.
[16] California Environmental Protection Agency. *GeoTracker.* Available at: https://geotracker.waterboards.ca.gov/search. Accessed July 2025.
[17] Lush Geosciences, Inc. *Phase I Environmental Site Assessment.* April 7, 2025.

the former USTs on the project site would not represent a hazardous condition related to the development of residential land uses.

The proposed project would include the demolition of the existing on-site farmstead and agricultural buildings. For buildings constructed prior to 1980, the Code of Federal Regulations (29 CFR 1926.1101) states that all thermal system insulation (boiler insulation, pipe lagging, and related materials) and surface materials must be designated as "presumed asbestos-containing material" unless proven otherwise through sampling in accordance with the standards of the Asbestos Hazard Emergency Response Act. As noted previously, the proposed project would require the demolition of the existing on-site structures. According to the Phase I ESA, construction of the on-site buildings occurred in 1946 and, as such, the buildings are assumed to include asbestos-containing building materials (ACBMs). Therefore, the proposed project would be required to submit an asbestos survey in compliance with the National Emissions Standards for Hazardous Air Pollutants (NESHAP). In addition, construction and demolition projects that have the potential to disturb asbestos (from soil or building material) are required to comply with all the requirements of the CARB's airborne toxic control measures (ATCMs) for construction, grading, quarrying, and surface mining operations.

Additionally, federal guidelines define lead-based paint (LBP) as any paint, varnish, stain, or other applied coating that has one milligram of lead per square centimeter or greater. Lead is a highly toxic material that may cause a range of serious illnesses, and in some cases death. In buildings constructed after 1978, the presence of LBP is unlikely. Structures built prior to 1978, and especially prior to the 1960s, are expected to contain LBP. Given that the existing on-site structures were constructed prior to 1978, the proposed project could potentially expose construction workers to LBP during demolition of the structures. Title 8, CCR Section 1532.1 establishes guidelines related to construction work and demolition of structures that may include lead. As required therein, the contractor must conduct a lead exposure assessment prior to the initiation of any work, and ensure that employees are not exposed to lead at a concentration greater than 50 micrograms per cubic meter of air.

Furthermore, all work related to asbestos containing materials (ACMs) and LBP is required to be conducted by a California Occupational Health and Safety (Cal-OSHA) registered asbestos and lead abatement contractor in accordance with Title 8 CCR 1529 and Title 8 CCR 1532.1 regarding asbestos and lead training, engineering controls, and certifications, and any ACM or LBP found on-site is required to be removed in accordance with current Cal-OSHA Administration regulations and disposed of in accordance with all CalEPA regulations. Compliance with the aforementioned State regulations would ensure that the proposed project would not result in a potential hazard risk related to ACMs or LBP.

Based on the above, compliance with existing regulatory requirements would ensure that the proposed project would not result in a release of hazardous materials into the environment through reasonably foreseeable upset and accident conditions.

Conclusion

Based on the above, the proposed project would not result in any peculiar effects that would require further CEQA review related to creating a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment, or through being located on a site which is included on a list of hazardous materials compiled pursuant to Government Code Section 65962.5, and impacts were adequately addressed in the General Plan MEIR.

c. The General Plan MEIR did not specifically evaluate impacts related to the release of hazardous materials within one-quarter mile of existing or proposed schools. The project site is located approximately 0.53-mile south of Natomas Charter School – Star Academy, 1.03 miles east of Witter Ranch Elementary School, and approximately 1.05 miles west of Discovery High School. Therefore, the project site is located further than 0.25-mile of an existing school. As such, the proposed project would not result in any adverse effects related to hazardous emissions or the handling of hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school, and further CEQA review is not required for this topic.

e. The General Plan MEIR evaluated potential hazards related to airports and air traffic under Impact 4.9-2. As discussed therein, development projects located near airports would be required to comply with the airport's adopted Airport Land Use Compatibility Plan (ALUCP). ALUCPs limit the height, type, and intensity of land uses surrounding airports to reduce safety concerns associated with aircraft crashes as well as uses that are sensitive to noise. In addition, General Plan Policy ERC 10.10 requires compliance with applicable ALUCPs and would substantially limit the potential for exposure of people to aircraft-related hazards. The General Plan MEIR concluded that compliance with the applicable ALUCP and General Plan policies would reduce the potential for exposure to hazards and hazardous materials, including potential hazards related to airports and air traffic, and such impacts would be less than significant.

The nearest public airports to the project site are the Rio Linda Airport, located approximately 4.79 miles northeast of the project site, and the Sacramento International Airport, located approximately 5.8 miles to the northwest of the project site. The project site is located within the Airport Influence Area for the Sacramento International Airport but is outside the Airport Influence Area associated with the Rio Linda Airport. A discussion of noise-related impacts associated with the project site being located within the Sacramento International Airport Influence Area is provided in Section XIII, Noise. Therefore, the following discussion is focused on whether the proposed project would result in a safety hazard associated with the Sacramento International Airport for people working in the project area.

According to Map 3 of the Sacramento International ACLUP, the project site is located outside of the airport referral area and the established safety zones.[18] As such, risks associated with an off-airport aircraft accident or emergency landing are not anticipated to occur and the proposed project would not result in an airport-related safety hazard for future residents of the proposed project, and such impacts do not require further CEQA review.

f. The General Plan MEIR concluded that, based on the temporary nature of any road closures, lane narrowing, or detours combined with compliance with City requirements, building codes, and Policy PFS 2.3 related to evacuation routes, impacts related to interfering with an adopted emergency response plan, or emergency evacuation plan would be less than significant.

Development of the proposed project would not result in any substantial modifications to the City's existing roadway system. During construction of the proposed project, all construction equipment would be staged on-site so as to prevent obstruction of local and

[18] Sacramento Area Council of Governments. *Sacramento International Airport Land Use Compatibility Plan*. December 12, 2013.

regional travel routes in the City that could be used as evacuation routes during emergency events. In addition, construction activities would be temporary, and permanent modifications to the nearby existing roadways would not occur. The project would not interfere with potential evacuation or response routes used by emergency response teams. In addition, the proposed project would be subject to Sections 12.20.020 and 12.20.030 of the City Code, which require all development projects to prepare a Traffic Management Plan for construction activities. During project operations, the proposed project would provide adequate access for emergency vehicles by way of the three southern site access points and would not interfere with potential evacuation or response routes used by emergency response teams.

Furthermore, the proposed project would not interfere with potential evacuation or response routes used by emergency response teams and would not conflict with the Sacramento County Local Hazard Mitigation Plan.[19] The proposed project is consistent with the site's General Plan land use designation. Thus, development of the site and associated effects on evacuation routes has been anticipated by the City. Furthermore, the proposed project would be required to comply with all applicable General Plan policies.

Based on the above, impacts related to interfering with an emergency evacuation or response plan were adequately addressed in the General Plan MEIR, and the proposed project would not result in any effects that would require further CEQA review for this topic.

g. Under Impact 4.9-5 of the General Plan MEIR, wildfire risk is discussed as predominantly associated with wildland urban interface (WUI) areas. The entirety of the City's planning area is located in a Local Responsibility Area (LRA); thus, fire protection responsibility lies with local agencies, including the Sacramento Fire Department (SFD). The nearest Very High Fire Hazard Safety Zone (FHSZ) is approximately 8.96 miles northeast of the project site.[20] Overall, the General Plan MEIR concluded that compliance with the California Fire Code (CFC) and the applicable General Plan policies would minimize risks associated with wildfires, and, as a result, a less-than-significant impact would occur.

The General Plan MEIR identifies various areas as fairly susceptible to urban wildfire, including areas along the American River Parkway from Watt Avenue to the Sacramento River; along Garden Highway in the Natomas area, approximately 3.09 miles from the project site; and the area where I-80 crosses the Sacramento River, approximately 2.96 miles from the project site. The project site is separated from such areas by existing urban development, which serves as a fire break to the project site. Furthermore, the proposed project would be required to comply with all applicable requirements of the CFC, as adopted by Chapter 15.36 of the City Code, including installation of fire sprinkler systems. In addition, the CBSC includes requirements related to fire hazards for new buildings. Such features would help to reduce the spread of fire.

As discussed under Section XX, Wildfire, of this Modified Initial Study, the project site is not located on a substantial slope, and the project area does not include existing features that would substantially increase fire risk. Given that the project site is located within a

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19 Sacramento County. *Sacramento County Local Hazard Mitigation Plan*. July 2021. Available at: https://waterresources.saccounty.gov/stormready/Pages/Local-Hazard-Mitigation-Plan-2017-Update.aspx. Accessed July 2025.

20 California Department of Forestry and Fire Protection. *Fire Hazard Severity Zones in State Responsibility Area*. Available at: https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones. Accessed July 2025.

developed urban area, development of the proposed project would not result in substantial fire risks related to installation or maintenance of such infrastructure.

Based on the above, wildfire risks were adequately addressed in the General Plan MEIR, and the site would not be subject to any peculiar hazards related to the exposure of people or structures, either directly or indirectly, to the risk of loss, injury, or death involving wildland fires. Thus, the criteria for requiring further CEQA review are not met.

X. HYDROLOGY AND WATER QUALITY. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	✖
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	✖
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:			
i. Result in substantial erosion or siltation on- or off-site;	☐	☐	✖
ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	✖
iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	✖
iv. Impede or redirect flood flows?	☐	☐	✖
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	✖
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	✖

Discussion

a, ci-ciii. The following discussion provides a summary of the proposed project's potential to violate water quality standards/waste discharge requirements, alter the drainage pattern of the site resulting in erosion or siltation, increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site, contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems, or otherwise degrade water quality during construction and operation.

The General Plan MEIR concluded that adherence to State and local regulations and General Plan Policies ERC 1.1 through ERC 1.4 related to pollution prevention, water protection, and requiring compliance with applicable City ordinances, as well as ERC 5.2, which encourages runoff reduction measures such as LID strategies and BMPs, would reduce the potential for development projects associated with General Plan buildout to substantially degrade water quality or violate State water quality standards due to sediments or other contaminants to a less-than-significant level.

Construction

During the early stages of construction activities, topsoil would be exposed due to grading and excavation of the site. After grading and prior to overlaying the ground with impervious surfaces and structures, the potential exists for wind and water to discharge sediment and/or urban pollutants into stormwater runoff, which could adversely affect water quality.

The City of Sacramento's Grading Ordinance requires that development projects comply with the requirements of the City's Stormwater Quality Improvement Program (SQIP). The SQIP outlines the priorities, key elements, strategies, and evaluation methods of the City's Stormwater Management Program, which in turn is based on the NPDES Municipal Stormwater Discharge Permit. The comprehensive Stormwater Management Program includes pollution reduction activities for construction sites, industrial sites, illegal discharges and illicit connections, new development, and municipal operations.

The SWRCB regulates stormwater discharges associated with construction activities where clearing, grading, or excavation results in land disturbance of one or more acres. The City's NPDES permit requires applicants to show proof of coverage under the State's General Construction Permit prior to receipt of any construction permits. The State's General Construction Permit requires any project that would disturb more than one acre of land to prepare a SWPPP. A SWPPP describes BMPs to control or minimize pollutants from entering stormwater and must address both grading/erosion impacts and non-point source pollution impacts of the development project. Because the proposed project would disturb greater than one acre of land, the proposed project would be subject to the requirements of the State's General Construction Permit.

With implementation of the required SWPPP and BMPs included therein, construction of the proposed project would not result in a violation of water quality standards and/or degradation of water quality. Final BMPs for the proposed project construction would be chosen in consultation with the applicable California Stormwater Quality Association Stormwater BMP Handbooks and Section 11 of the City's Development Standards, and implemented by the project contractor.

Additionally, in accordance with City Code Section 15.88.250, City of Sacramento staff would require preparation of an Erosion and Sediment Control Plan that demonstrates how the proposed project would control surface runoff and erosion and retain sediment on the project site during project construction. The Erosion and Sediment Control Plan would be required to be submitted concurrently with the final grading plan prepared for the proposed project.

Based on the above, the proposed project would not violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality during construction.

Operations

Following project buildout, the majority of site surfaces would be covered with either impervious surfaces or landscaped areas, and topsoil would no longer be exposed. As such, the potential for erosion and associated impacts to water quality would be reduced. However, the addition of impervious surfaces on the site would result in the generation of urban runoff during project operations, which could contain pollutants if the runoff comes into contact with vehicle fluids on parking surfaces and/or landscape fertilizers and herbicides. During the dry season, vehicles and other urban activities may release contaminants onto the impervious surfaces, where they would accumulate until the first storm event. During the initial storm event, or first flush, the concentrated pollutants would be transported by way of stormwater runoff from the site to the stormwater drainage system and eventually a downstream waterway. Typical urban pollutants that would likely be associated with the proposed project include sediment, pesticides, oil and grease, nutrients, metals, bacteria, and trash. In addition, stormwater runoff could cause soil

erosion if not properly addressed, which would provide a more lucrative means of transport for pollutants to enter the waterways.

Consistent with Chapter 13.16.120 of the City Code, the post-development stormwater flows from the site would be required to be equal to or less than pre-development conditions. The proposed project would comply with Section 13.08.145 of the City Code, which requires the following:

> "When property that contributes drainage to the storm drain system or combined sewer system is improved or developed, all stormwater and surface runoff drainage impacts resulting from the improvement or development shall be fully mitigated to ensure that the improvement or development does not affect the function of the storm drain system or combined sewer system, and that there is no increase in flooding or in water surface elevation that adversely affects individuals, streets, structures, infrastructure, or property."

The project site currently consists of an existing farmstead and associated agricultural buildings. The proposed project would include the development of a 32-unit single-family subdivision. Under existing conditions, 14 percent of the site consists of impervious surfaces and the remaining 86 percent of the site consists of pervious surfaces. The proposed project would develop the project site such that 68 percent of the site would include impervious surfaces and 32 percent of the site would remain as pervious surfaces. Therefore, development of the proposed project would increase the amount of impervious surfaces on-site. Development of the proposed project would include an on-site stormwater drainage system to capture runoff from the new impervious surfaces, which would be routed through new storm drain lines to the existing stormwater infrastructure in the project area.

Measures that reduce or eliminate post-construction-related water quality problems range from source controls, such as reduced surface disturbance, to treatment of polluted runoff, such as detention or retention basins. The City's SQIP and the Stormwater Quality Design Manual for the Sacramento Region include BMPs to be implemented to mitigate impacts from new development and redevelopment projects. Additionally, the City's DOU recommends implementation of LID measures.

Proposed source control measures included as part of the proposed project would be designed consistent with the standards set forth in the Sacramento Region Stormwater Quality Design Manual. As previously discussed, storm drainage inlets would collect stormwater runoff associated with the proposed project prior to discharge to a new on-site storm drain line. The proposed on-site storm drain line would connect to a proposed storm drain manhole and the existing 24-inch City stormwater drainage line located to the south of the project site within Tanzanite Avenue. As mentioned above, the proposed on-site stormwater infrastructure would be required to comply with Chapter 13.16.120 of the City Code, in which the post-development stormwater flows from the site would be required to be equal to or less than pre-development conditions. The LID measures incorporated into the project design include pervious pavement, interceptor trees, and compost amended soil.

Finally, as established by City Code Section 15.88.260, the proposed project would be required to prepare a Post-Construction Erosion and Sediment Control Plan, which would detail how the project would control surface runoff and retain sediment on-site after all

proposed improvements and structures have been installed on-site. The Post-Construction Erosion and Sediment Control Plan would be required to be submitted to the City concurrently with the final grading plan prepared for the proposed project.

Based on the above, water quality standards or waste discharge requirements would not be violated, and downstream water quality would not be degraded as a result of operations of the proposed project.

Conclusion

The General Plan MEIR concluded that required compliance with the SQIP, NPDES General Construction Permit, City ordinances, and adherence to General Plan policies would render any potential construction and operational impacts to water quality and drainage patterns less than significant. As discussed above, the proposed project would comply with the aforementioned requirements. Therefore, impacts related to violation of water quality standards or degradation of water quality during construction or operation, as well as impacts related to substantially altering the existing drainage pattern of the site or area, were adequately addressed in the General Plan MEIR, and the proposed project would not result in any effects that would require further CEQA review for this topic.

b,e. Water supplies for the project site would be provided by the City. The City's water infrastructure network consists of two surface water treatment facilities, two pressure zones, and a supporting system of groundwater wells, pumping facilities, storage tanks, and distribution/transmission pipelines. According to the General Plan MEIR, the City supplies domestic water from a combination of surface water and groundwater sources. The City is permitted to 326,800 acre-feet per year (AFY) of surface water diverted from the Sacramento and American rivers in 2030, while the City's average groundwater deliveries from 2006 to 2017 were approximately 17,932 AFY. The City's 2020 Urban Water Management Plan (UWMP) includes a water service reliability assessment of the City's projected supplies and demands during normal, single dry, and five consecutive dry years. Under the various water year types, the total annual water supply sources available are compared to the total annual projected water use for the City's water service area from 2025 to 2045 in five-year increments. The City is projected to have a surplus of water supplies in all water year types through 2045. According to the General Plan MEIR, because the City has evaluated existing water supplies as sufficient for more than 20 years into the future, even during multiple dry years, together with the applicable General Plan policies and adherence to the regulatory requirements of current legislation, potential impacts related to water supply would be less than significant.

The proposed project is consistent with the site's General Plan land use designation and would not generate an increase in water demand beyond what has already been generally anticipated in the UWMP and MEIR. As such, adequate capacity would be available to serve the proposed project's water demands. Therefore, while a portion of the water supplied to the project site by the City could be obtained through groundwater resources, such groundwater usage has been anticipated and would not substantially deplete groundwater supplies within the project area.

The proposed project would result in an increase of impervious surfaces within the project site, which would reduce the infiltration of groundwater as compared to existing conditions. However, stormwater runoff from such impervious surfaces would be directed to the proposed stormwater drainage system. The stormwater drainage system would include

new storm drain inlets to capture on-site stormwater runoff and convey flows to the existing City stormwater drainage system south of the project site for treatment.

The project site represents a relatively small area compared to the size of the groundwater basin, and thus, does not currently represent a substantial source of groundwater recharge. Furthermore, the project site has been previously designated for the proposed uses, and the loss of groundwater infiltration at the site due to development has been previously anticipated in the General Plan MEIR. Therefore, the proposed project would not interfere substantially with groundwater recharge.

Based on the above, potential impacts related to substantially decreasing groundwater supplies or interfering substantially with groundwater recharge were adequately addressed in the General Plan MEIR, and the proposed project would not result in any effects that would require further CEQA review for this topic.

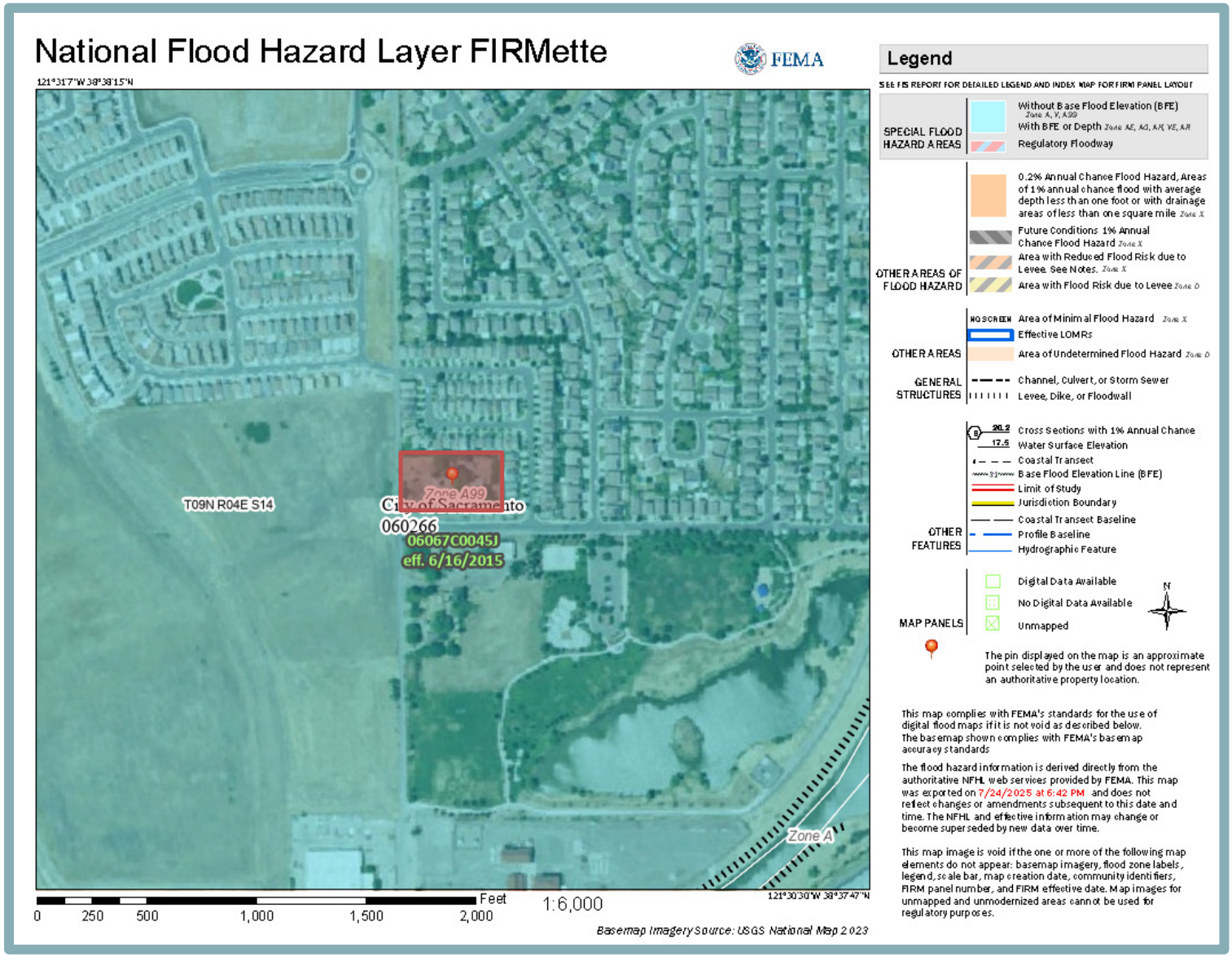
civ. The General Plan MEIR included an analysis of flood risks under Impact 4.10-2 and concluded that the ongoing flood protection projects by the City and the U.S. Army Corps of Engineers (USACE), including levee improvements, construction of the Folsom Dam and Reservoir, widening of the existing Sacramento Weir, and improvements to local creeks, combined with compliance with General Plan policies, would minimize the potential for adverse effects to occur due to flooding to a less-than-significant level.

The project site is located within Zone A99, a Special Flood Hazard Area (SFHA) Without Base Flood Elevation (BFE) (see Figure 9).[21] A99 is an interim designation that allows new development to proceed without elevation verification while the improvements needed to provide protection from the 100-year flood (i.e., levees) are under construction. However, the A99 flood zone is still a SFHA until construction of the levees is complete, and the levees are certified by the Federal Emergency Management Agency (FEMA). The Zone A99 area designation is likely caused by the close proximity of the drainage canal located approximately 0.3-mile to the east of the project site. Given that the project site is located within a SFHA, the proposed project could be exposed to risks associated with flood hazards.

However, the proposed project would be subject to General Plan Policies ERC 6.1 through ERC 6.12. For example, the proposed project would be subject to applicable State requirements for 200-year flood protection and federal requirements for 100-year protection (Policy ERC 6.6) and would not be approved unless appropriate flood risk evaluations had been conducted to minimize the risk of damage (Policy ERC 6.7). In addition, the proposed project would be subject to the requirements set forth in Chapter 15.104, Floodplain Management Regulations, of the City Code. Furthermore, the proposed project is consistent with the existing land use designation for the site. Therefore, the proposed project would be consistent with the type and intensity of development that has previously been anticipated for the site by the City and analyzed in the General Plan MEIR. Therefore, impacts related to impeding or redirecting flood flows were adequately addressed in the General Plan MEIR, and the proposed project would not result in any effects that would require further CEQA review for this topic.

[21] Federal Emergency Management Agency. *Flood Insurance Rate Map 06067C0045J.* Effective June 16, 2015.

Figure 9
FEMA FIRM 06067C0045J



d. Impacts related to flooding risks are discussed under question ‘c.iv’ above. Although the General Plan MEIR does not evaluate potential impacts related to tsunami or seiche zones, the General Plan MEIR concludes that with implementation of General Plan policies, impacts related to flooding would be less than significant. In addition, because the project site is not located in the proximity of a shoreline or a closed body of water, the proposed project would not be subject to adverse impacts related to tsunami or seiche zones. Therefore, impacts related to flooding were adequately addressed in the General Plan MEIR, and the proposed project would not result in any effects that would require further CEQA review for this topic.

XI. LAND USE AND PLANNING. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Physically divide an established community?	☐	☐	✖
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	✖

Discussion

a. A project risks dividing an established community if the project would introduce infrastructure or alter land use so as to change the land use conditions in the surrounding community or isolate an existing land use. The proposed project would include development of a 32-unit single-family subdivision, which would be consistent with the existing residential neighborhood surrounding the project site on all sides. Therefore, the proposed project would be a continuation of the surrounding urban development and would not isolate an existing land use. Furthermore, the proposed project is consistent with the site's existing land use designation. Therefore, the proposed project would be consistent with the type and intensity of development that has previously been anticipated for the site by the City and analyzed in the General Plan MEIR. The General Plan MEIR concluded that the 2040 General Plan includes policies which would enhance and protect existing neighborhoods, as well as discourage the physical division of established communities. Additionally, the 2021-2029 Housing Element includes specific goals and policies to protect residents from displacement and preserve housing stock.

Based on the above, the project would not result in new development or features that would divide existing residential neighborhoods or communities. As such, impacts related to physically dividing an established community were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

b. The proposed project would be consistent with the site's current N General Plan land use designation. As discussed throughout this Modified Initial Study, the proposed project would not result in any new significant environmental effects that were not previously identified in the General Plan MEIR and could not be substantially mitigated by uniformly applicable development policies and standards, pursuant to CEQA Guidelines Section 15183. In addition, the proposed project would not conflict with City policies and regulations adopted for the purpose of avoiding or mitigating an environmental effect, including, but not limited to, the City's tree preservation ordinance, the City's noise standards, and applicable SWRCB stormwater regulations. In addition, the proposed project would be subject to the City's Site Plan and Design Review process, as established by Chapter 17.808 of the City Code, to allow the City to ensure significant environmental effects would be avoided. Therefore, impacts related to conflicts with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

XII. MINERAL RESOURCES. *Would the project:*		Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a.	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	✖
b.	Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	✖

Discussion

a,b. The project site is located in a developed area of the City, and is currently developed with an existing farmstead and small agricultural buildings. According to the City's 2040 General Plan Technical Background Report, areas with deposits of mineral resources are not located within the vicinity of the project site.[22] As discussed therein, the northern portions of the City are primarily Mineral Resource Zone 1 (MRZ-1), areas where available geologic information indicates little or no likelihood for significant mineral resources. The City has developed policies that address mineral resource recovery areas designated by the State as MRZ-2 (significant existing or likely mineral deposits). Overall, the General Plan MEIR concluded that compliance with such polices would ensure impacts related to mineral resources would be less than significant.

Given that the proposed project is located within a developed and urbanized area designated MRZ-1, General Plan policies that address mineral resource recovery areas would not be applicable to the proposed project. In addition, the proposed project would not result in the loss of availability of a known local- or State-defined mineral resource. Thus, the proposed project would not result in any peculiar effects related to mineral resources such that further CEQA review for this topic would be required.

[22] City of Sacramento. *Sacramento 2040 Technical Background Report* [pg. 6-94]. Adopted January 19, 2021.

XIII. NOISE. *Would the project result in:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	✖
b. Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	✖
c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	✖

Discussion

a. The discussion below presents information regarding sensitive noise receptors in proximity to the project site, applicable noise standards, the existing noise environment, and the potential for the proposed project to result in noise impacts during project construction and operation. The following terms are referenced in the sections below:

- Decibel (dB): A unit of sound energy intensity. An A-weighted decibel (dBA) is a decibel corrected for the variation in frequency response to the typical human ear at commonly encountered noise levels. All references to dB in this report will be A-weighted unless noted otherwise.
- Community Noise Equivalent Level (CNEL): The cumulative noise exposure over a 24-hour period. Weighting factors of +5 and +10 dBA are applied to the evening and nighttime periods, respectively, to account for the greater sensitivity of people to noise during those periods.
- Day-Night Average Level (L_{dn}): The average sound level over a 24-hour day, with a +10 decibel weighing applied to noise occurring during nighttime (10:00 PM to 7:00 AM) hours.
- Maximum Sound Level (L_{max}): The maximum sound level over a given time-period.
- Median Sound Level (L_{50}): The sound level exceeded 50 percent of the time over a given time-period.

Sensitive Noise Receptors

Some land uses are considered more sensitive to noise than others, and, thus, are referred to as sensitive noise receptors. Land uses often associated with sensitive noise receptors generally include residences, schools, libraries, hospitals, and passive recreational areas. Noise sensitive land uses are typically given special attention in order to achieve protection from excessive noise. In the vicinity of the project site, sensitive land uses include the existing single-family residences surrounding the site on all sides.

Standards of Significance

Pursuant to City Code Section 8.68.060, the proposed project, which is considered to be a “stationary” noise source, shall not be permitted to generate noise levels exceeding 55 dBA L_{50} or 75 dBA L_{max} during daytime hours (7:00 AM to 10:00 PM) and 50 dBA L_{50} or 70

dBA L_{max} during nighttime hours (10:00 PM to 7:00 AM) at the adjacent noise sensitive receptors.

The City of Sacramento does not have a significance threshold for increases in non-transportation noise sources. In the absence of a specific threshold, the Federal Interagency Commission on Noise (FICON) has developed a graduated scale for use in the assessment of project-related traffic noise level increases. The criteria shown in Table 5 was developed by FICON as a means of developing thresholds for impact identification for project-related traffic noise level increases. FICON's significance thresholds are used to identify the significance of an incremental increase in noise levels.

Table 5
FICON Noise Exposure Increases for Determining Level of Significance

Noise Exposure without Project	Potential Significant Impact
< 60 dB CNEL	5 dB or more
60-65 dB CNEL	3 dB or more
>65 dB CNEL	1.5 dB or more

Source: Federal Interagency Committee on Noise (FICON). 2000.

The use of the FICON standards is considered conservative relative to thresholds used by other agencies in the State. For example, Caltrans requires a project-related traffic noise level increase of 12 dB for a finding of significance, and the California Energy Commission (CEC) considers project-related noise level increases between 5 to 10 dB significant, depending on local factors. Therefore, the use of the FICON standards, which set the threshold for finding significant noise impacts as low as 1.5 dB, provides a conservative approach to the impact assessment for the proposed project.

Impact Analysis

The General Plan MEIR included an analysis of potential noise impacts associated with construction and operation of new development occurring pursuant to the General Plan under Section 4.11. The General Plan MEIR concluded that compliance with Mitigation Measure NOI-1 as set forth under Impact 4.11-2 would ensure potential impacts related to temporary increases in ambient noise levels during construction activities would be less than significant.

With respect to permanent noise level increases, as discussed under Impact 4.11-1 of the General Plan MEIR, implementation of noise attenuation measures sufficient to reduce noise levels to below the City's exterior land use compatibility standards may not be feasible due to limitations on allowable roadway modifications, inadequate ROW for construction of noise barriers, or limitation due to ingress and egress paths. General Plan Policies ERC 4.3, ERC 10.2, ERC 10.3, and ERC 10.8 require implementation of feasible noise-attenuating design features, when needed. However, while some land uses would experience a reduction in traffic noise levels through implementation of the General Plan, existing noise-sensitive land uses located along certain sections of major roadways throughout the City would experience increased traffic volumes from full General Plan buildout that exceed the applicable relative noise level thresholds. Specifically, noise level changes throughout the City would range from a reduction of -4.6 dB to an increase of 5.5 dB. The change in traffic noise levels between the existing conditions and future buildout scenarios would exceed the applicable relative noise level thresholds at 13 locations, as identified in Table 4.11-1 of the General Plan MEIR. The General Plan MEIR determined

additional feasible mitigation measures beyond the aforementioned General Plan policies are not available, and as a result, the General Plan MEIR concluded that General Plan buildout would result in a significant and unavoidable impact related to creating substantial permanent increases in ambient noise levels.

The following sections provide an analysis of potential noise impacts associated with operation, construction, and traffic noise of the proposed project. The project site is not located on any road segments identified by the General Plan MEIR as exceeding the applicable noise thresholds.

Project Construction Noise

During construction of the proposed project, heavy-duty equipment would be used for grading, excavation, paving, and building construction, which would temporarily increase ambient noise levels when in use. Noise levels would vary depending on the type of equipment used, how the equipment is operated, and how well the equipment is maintained. In addition, noise exposure at any single point outside the project site would vary depending on the proximity of construction activities to that point. Standard construction equipment, such as graders, backhoes, loaders, and haul trucks would be used in association with the proposed activities.

Table 6 shows maximum noise levels associated with typical construction equipment. Based on the table, activities involved in typical construction would generate maximum noise levels up to 90 dB at a distance of 50 feet. As one increases the distance between equipment, or increases separation of areas with simultaneous construction activity, dispersion and distance attenuation reduce the effects of combining separate noise sources. The noise levels from a source decrease at a rate of approximately 6 dB per every doubling of distance from the noise source. Construction of the proposed project would be required to comply with the limited construction hours set forth by Section 8.68.080 of the City's Municipal Code. Construction activities would be temporary in nature and are anticipated to occur during normal daytime hours, consistent with Section 8.68.080 of the City Code.

Table 6
Construction Equipment Noise

Type of Equipment	Maximum Level, dB at 50 feet
Auger Drill Rig	84
Backhoe	78
Compactor	83
Compressor (air)	78
Concrete Saw	90
Dozer	82
Dump Truck	76
Excavator	81
Generator	81
Jackhammer	89
Pneumatic Tools	85

Source: Federal Highway Administration, Roadway Construction Noise Model User's Guide, January 2006.

As shown in Table 6, activities involved in typical construction would generate maximum noise levels up to 90 dB at a distance of 50 feet. As previously discussed, existing

residential uses surround the project site on all sides, the nearest of which are located approximately 7.5 feet to the east and 8.5 feet to the north of the project site boundaries. However, the proposed project is consistent with the site's current General Plan land use designation. Therefore, construction noise associated with buildout of the proposed project has been generally anticipated, and the proposed project would not result in any peculiar effects related to an increase in ambient noise levels. As discussed above, the General Plan MEIR determined that compliance with Mitigation Measure NOI-1 as set forth under Impact 4.11-2 would ensure that construction noise associated with the project would not generate a substantial temporary increase in ambient noise levels in the vicinity of the project site. The proposed project would be required to comply with Mitigation Measure NOI-1 to reduce construction noise as a condition of project approval. The noise reduction measures required therein include, but are not limited to, prohibiting all construction activities from occurring during restricted hours; fitting construction equipment and vehicles with noise suppression devices (e.g., mufflers, silencers, wraps); shielding any area that requires working with impact tools and particularly loud equipment (e.g., concrete saws); limiting idling times in the immediate vicinity of nearby sensitive receptors; and locating stationary noise-generating equipment as far from sensitive receptors as possible. Therefore, construction activities associated with the proposed project would not result in new significant noise impacts relative to what was analyzed in the General Plan MEIR.

Project Operational Noise

Residential uses are not typically considered substantial sources of noise. Noise-generating operations associated with the proposed single-family residences would primarily consist of landscaping maintenance, ground-mounted HVAC systems, and other typical activities. Such activities are not expected to generate noise levels exceeding the City's exterior noise level standards. Therefore, on-site operation of the proposed project would not be considered to generate a substantial permanent increase in ambient noise levels in the vicinity of the project.

As mentioned above, The City of Sacramento does not have a significance threshold for increases in non-transportation noise sources. In the absence of a specific threshold, the FICON criteria established in Table 5 are used to assess increases in ambient noise environment. According to the existing noise contours shown in Map ERC-5 of the City's General Plan, the project site is located where existing noise levels range from 55 to 60 dBA. As such, where existing traffic noise levels are less than 60 dB L_{dn}, a 5.0 dB L_{dn} increase in roadway noise levels would be considered significant.

Due to the nature and relatively small size of the proposed project, substantial daily vehicle trips sufficient to significantly increase traffic volumes would not be generated on local roadways as a result of the proposed project. Additionally, the proposed project would be consistent with the project site's current land use designation. Therefore, traffic increases associated with residential uses on the project site have been previously anticipated by the City and addressed in the General Plan MEIR and, thus, would not substantially increase traffic noise in the project vicinity.

Conclusion

Based on the above, impacts related to temporary or permanent noise level increases were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

b. Similar to noise, vibration involves a source, a transmission path, and a receiver. However, noise is generally considered to be pressure waves transmitted through air, whereas vibration usually consists of the excitation of a structure or surface. As with noise, vibration consists of an amplitude and frequency. A person's perception to the vibration depends on their individual sensitivity to vibration, as well as the amplitude and frequency of the source and the response of the system which is vibrating.

Vibration is measured in terms of acceleration, velocity, or displacement. A common practice is to monitor vibration in terms of peak particle velocities (PPV) in inches per second (in/sec). Standards pertaining to perception as well as damage to structures have been developed for vibration levels defined in terms of PPV. Human and structural response to different vibration levels is influenced by a number of factors, including ground type, distance between source and receptor, duration, and the number of perceived vibration events.

The General Plan MEIR included an analysis of potential vibration impacts associated with buildout of the General Plan under Impact 4.11-3. The General Plan MEIR determined that implementation of the General Plan policies would avoid significant impacts. Therefore, through adherence to the requirements, policies, and strategies in the General Plan, the General Plan MEIR concluded that vibration impacts would be less than significant.

During project construction, heavy equipment would be used for grading, excavation, paving, and building construction, which would generate localized vibration in the immediate vicinity of construction. Table 7, which was developed by the California Department of Transportation (Caltrans), shows that the vibration levels that would normally be required to result in damage to structures range from 0.2 to 0.6 in/sec PPV. The general threshold at which human annoyance could occur is 0.10 in/sec PPV.

The primary vibration-generating activities associated with the proposed project would occur during construction, as the proposed project would not involve any uses or operations that would generate substantial groundborne vibration. Table 8 shows the typical vibration levels produced by construction equipment at various distances. The most substantial source of groundborne vibrations associated with project construction would be the use of vibratory compactors, which exceeds the 0.20 in/sec threshold at 25 feet.

Use of vibratory compactors/rollers could be required during construction of the proposed internal roadways. The nearest existing structures are located approximately 7.5 feet to the east and 8.5 feet to the north of the project site boundaries. Therefore, the existing single-family residences could be impacted by use of vibratory compactors/rollers.

However, as discussed on page 4.11-32 of the General Plan MEIR, Policy ERC 10.5 requires construction activities anticipated to generate excessive vibration levels to use appropriate methods to ensure acceptable interior vibration levels at nearby residential and commercial land uses are maintained, based on the Federal Transit Administration vibration criteria. Such methods could include the use of static drum rollers, rather than vibratory compactors/rollers, which use weight instead of vibrations to achieve soil compaction. As an alternative, preconstruction crack documentation and construction vibration monitoring could be conducted to ensure that construction vibrations do not cause damage to any adjacent structures. The proposed project would be required to comply with Policy ERC 10.5. In addition, construction activities would be temporary in

nature, occur throughout the project site, and are anticipated to occur during normal daytime working hours. Such factors would further reduce the intensity of vibration levels experienced at the existing single-family residences immediately adjacent to the project site.

Table 7
Effects of Vibration on People and Buildings

PPV		Human Reaction	Effect on Buildings
mm/sec	in/sec		
0.15 to 0.30	0.006 to 0.019	Threshold of perception; possibility of intrusion	Vibrations unlikely to cause damage of any type
2.0	0.08	Vibrations readily perceptible	Recommended upper level of the vibration to which ruins and ancient monuments should be subjected
2.5	0.10	Level at which continuous vibrations begin to annoy people	Virtually no risk of "architectural" damage to normal buildings
5.0	0.20	Vibrations annoying to people in buildings (this agrees with the levels established for people standing on bridges and subjected to relative short periods of vibrations)	Threshold at which there is a risk of "architectural" damage to normal dwelling - houses with plastered walls and ceilings. Special types of finish such as lining of walls, flexible ceiling treatment, etc., would minimize "architectural" damage
10 to 15	0.4 to 0.6	Vibrations considered unpleasant by people subjected to continuous vibrations and unacceptable to some people walking on bridges	Vibrations at a greater level than normally expected from traffic, but would cause "architectural" damage and possibly minor structural damage

Source: Caltrans. Transportation Related Earthborne Vibrations. TAV-02-01-R9601. February 20, 2002.

Table 8
Vibration Levels for Various Construction Equipment

Type of Equipment	PPV at 25 feet (in/sec)	PPV at 50 feet (in/sec)	PPV at 100 feet (in/sec)
Large Bulldozer	0.089	0.031	0.011
Loaded Trucks	0.076	0.027	0.010
Small Bulldozer	0.003	0.001	0.000
Auger/drill Rigs	0.089	0.031	0.011
Jackhammer	0.035	0.012	0.004
Vibratory Hammer	0.070	0.025	0.009
Vibratory Compactor/roller	0.210	0.074	0.026

Source: Federal Transit Administration. Transit Noise and Vibration Impact Assessment Guidelines. May 2006.

Based on the above, impacts related to vibration were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review for this topic.

c. The General Plan MEIR evaluated potential impacts related to aircraft noise under Impact 4.11-4. As discussed therein, the General Plan MEIR concluded that any development of

noise-sensitive land uses within the 65 dBA CNEL contour associated with the Rio Linda Airport would need to comply with General Plan policies LUP 1.13, ERC 10.10, and ERC 10.11 to reduce potential impacts related to aircraft noise to a less-than-significant level.

The nearest public airports to the project site are the Rio Linda Airport, located approximately 4.79 miles northeast of the project site, and the Sacramento International Airport, located approximately 5.8 miles to the northwest of the project site. As discussed under Impact 4.11-4 of the General Plan MEIR, the southern portion of the Rio Linda Airport 65 dBA CNEL noise contour extends into the City limits, but only includes a single low density residential parcel, and the 65 dBA CNEL land use compatibility noise contour for the Sacramento International Airport does not cross over into the City limits. Based on the location of the project site, the site is not located within noise contour areas associated with each airport. Therefore, the project site is not subject to any airport land use plans and impacts related to excessive noise levels from private airstrips or heliports would not occur.

Based on the above, impacts related to aircraft noise were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review for this topic.

XIV. POPULATION AND HOUSING. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (e.g., through projects in an undeveloped area or extension of major infrastructure)?	☐	☐	✖
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	✖

Discussion

a. The General Plan MEIR determined that implementation of the General Plan would result in population growth in the City. However, the General Plan is designed to balance future housing, office, retail, commercial, and industrial uses to accommodate such growth. In addition, the City has included various goals and policies within the 2040 General Plan designed to support a compact urban footprint, infill development, and complete neighborhoods, such as policies LUP-1.1, LUP-1.7, and Goal LUP-6. The land use policies included in the General Plan would not induce development beyond what was planned by the City and addressed in the General Plan MEIR. Thus, impacts related to population growth would be less than significant.

The proposed project would include the development of a 32-unit single-family subdivision on a site that is designated for such development. Using the City of Sacramento average persons per household value of 2.58, the proposed project would result in a maximum estimated population of approximately 83 residents.[23] Based on the 2023 Census, the U.S. Census Bureau estimates the population of Sacramento to be approximately 526,384 people. The increase in population associated with the proposed project would constitute an approximately 0.02 percent increase in the City's total population, which would not be considered substantial growth. In addition, because the project is consistent with the site's current land use designation, potential growth associated with development of the site has been anticipated by the City. As such, the potential population growth associated with buildout of the site with the proposed uses was analyzed in the General Plan MEIR and would not constitute unplanned population growth.

Based on the above, the proposed project would not result in any peculiar effects related to inducing substantial unplanned population growth in an area, either directly or indirectly, and further CEQA review related to such is not required.

b. The General Plan MEIR discussed the potential displacement of people and existing housing under Section 3.5.7. As discussed therein, the 2040 General Plan policies provide for flexible development of housing, and residents would be protected by displacement through compliance with applicable policies, such as policies H-5.1, H-5.3, H-6.1, and H-6.5. Therefore, potential impacts related to displacement of people and existing housing were determined to be less than significant and the topic was not discussed further in the MEIR.

[23] U.S. Census Bureau. *QuickFacts Sacramento city, California*. Available at: https://www.census.gov/quickfacts/sacramentocitycalifornia. Accessed July 2025.

The project site is currently developed with an existing farmstead and small agricultural buildings, which would be demolished as part of the proposed project. However, the existing farmstead and associated agricultural buildings on the project site are currently vacant. As such, the proposed project would not displace a substantial amount of existing housing or people and would not necessitate the construction of replacement housing elsewhere. In addition, the proposed project would include the construction of 32 single-family residences, which would increase the housing stock in the City. Therefore, impacts related to displacement of substantial housing or people were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

XV. PUBLIC SERVICES.

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Fire protection?	☐	☐	✖
b. Police protection?	☐	☐	✖
c. Schools?	☐	☐	✖
d. Parks?	☐	☐	✖
e. Other Public Facilities?	☐	☐	✖

Discussion

a,b. The General Plan MEIR concluded that although General Plan buildout would likely require the development of additional fire protection and police facilities, the General Plan policies include measures to accommodate for growth and increased service demands. Based on the analysis included throughout the General Plan MEIR, the physical environmental impacts of such development would be generally consistent with the impacts associated with urban development addressed throughout the General Plan MEIR. Furthermore, the General Plan MEIR concluded that adherence to the relevant General Plan policies would ensure that adequate facilities would be available to accommodate current and future needs of the City. Therefore, according to the General Plan MEIR, buildout of the General Plan would result in a less-than-significant impact related to fire and police protection services.

Fire protection services would be provided to the site by the SFD. SFD operates 24 fire stations to serve approximately 101 square miles, as well as two contract areas that include 47.1 square miles within the unincorporated Sacramento County adjacent to the City. All Sacramento County fire agencies (SFD, Sacramento Metro Fire District, Sacramento International Airport Fire, Cosumnes Fire District, and the Folsom Fire Department) share an automatic aid agreement. According to the General Plan MEIR, when the SFD is fully staffed, 173 personnel are on duty for fire and emergency medical services (EMS), and 34 personnel are on duty for emergency ambulance services. The closest fire station to the project site is Fire Station 43, located approximately 1.59 miles northwest of the site at 4201 El Centro Road.

The project site is located within the jurisdiction of the Sacramento Police Department (SPD). The SPD operates from four stations in the City, and is staffed with 674 sworn personnel. The nearest police station to the project site is located at 300 Richards Boulevard, approximately 2.62 miles south of the site. In addition, a second police station is located at 3550 Marysville Boulevard, approximately 4.46 miles east of the site.

While the proposed project could result in increased demand on fire and police protection services, such demand would be consistent with what has been anticipated by the City and analyzed in the General Plan MEIR. In addition, the project site is surrounded by existing residential development currently served by the SFD and SPD. Furthermore, the project would comply with all applicable State and local requirements related to fire safety and security, including installation of fire sprinklers. In addition, as established by General

Plan Policy PFS-1.15, the City of Sacramento requires new development projects to contribute fees for the provision of adequate fire and police protection services and facilities. The proposed project would be subject to all applicable development impact fees. Payment of applicable development impact fees would ensure the project contributes a fair share towards funding any new fire facilities deemed necessary by the City. Compliance with such standards would minimize fire and police protection demand associated with the project.

Therefore, impacts related to the need for new or physically altered fire or police protection facilities, the construction of which could cause significant environmental impacts, were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

c-e. The General Plan MEIR concluded that with implementation of applicable General Plan policies, as well as applicable federal, State, and local development standards, implementation of the General Plan would result in a less-than-significant impact to schools, parks, and other public facilities such as libraries.

The proposed project would be subject to payment of all applicable development impact fees. The project site is located within the Natomas Unified School District (NUSD). As shown in Table 9, the proposed residences would be anticipated to generate a maximum of approximately 25 total students, comprised of 14 elementary school students, four middle school students, and seven high school students.

Table 9
Proposed Project Student Generation

Grade	Number of Units	Students/Unit Rate	Students Generated
K-5	32	0.44	14
6-8	32	0.12	4
9-12	32	0.23	7
		Total	**25**

Source: Sacramento 2040 General Plan MEIR, Table 4.12-7.

The proposed project would be subject to all applicable impact fees to fund educational facilities, including the NUSD development impact fees, which would include $5.17 per sf for residential development.[24] Payment of such fees would serve as the project's fair-share contribution for funding expanded educational services that could result from a student population increase generated by the project's future residents. According to SB 50, payment of the necessary school impact fees for the project would be considered full and satisfactory CEQA mitigation. Proposition 1A/SB 50 prohibits local agencies from using the inadequacy of school facilities as a basis for denying or conditioning approvals of any "[…] legislative or adjudicative act […] involving […] the planning, use, or development of real property" (Government Code 65996[b]). As such, payment of developer fees would be considered sufficient to reduce any potential impacts related to school services.

With regard to parks and other public facilities, such as libraries, development of the proposed project would result in an increase in demand for public and governmental

[24] Natomas Unified School District. *Developer Fee Information and Reporting.* Available at: https://www.natomasunified.org/departments/facilities-and-strategic-planning/developer-fee-information-and-reporting. Accessed July 2025.

facilities through the development of new residences. Using an average persons per household value of 2.58 per residential unit, the proposed project could generate a population of 83 persons. The City's General Plan requires 8.5 acres of parkland per 1,000 residents; therefore, the project would be required to provide 0.71-acre of parkland (0.0085 acres x 83 people). The proposed project does not include parkland dedication. Thus, the proposed project would include payment of fees consistent with Section 17.512.040 of the City Code in lieu of dedicating parkland as part of the proposed development. In addition, Section 18.56.220 of the City Code requires all new development within the City to pay a park impact fee, including development with new dwelling units. Funds collected from the park impact fees are intended to provide for the design, construction, installation, improvement, and acquisition of new park facilities by the City. Payment of all applicable fees would be considered sufficient to ensure that adequate public parkland is provided as decided by the City. Furthermore, the proposed project is consistent with the General Plan land use designation for the site; as such, any associated increase in demand for parks and other public facilities was generally anticipated and analyzed in the General Plan MEIR.

Based on the above, impacts related to the need for new or physically altered schools, parks, or other public facilities, the construction of which could cause significant environmental impacts, were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

XVI. RECREATION. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	✖
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	✖

Discussion

a,b. Given that the proposed project would be consistent with the General Plan land use designation of the project site, any increase in population associated with project buildout, as well as the resulting increase in demand for parks and recreation facilities, has been anticipated and analyzed in the General Plan MEIR. As discussed under Impacts 4.12-5 and 4.12-6 of the General Plan MEIR, with implementation of applicable General Plan policies, buildout of the 2040 General Plan would result in a less-than-significant impact to parks and recreation facilities.

As discussed in Section XIV, Population and Housing, the proposed project would include the development of a 32-unit single-family subdivision, which is anticipated to include an increase in population of 83 residents. The increase in population could result in an associated increase in demand on recreational facilities such that substantial physical deterioration could occur or be accelerated, or that the additional demand could require the construction or expansion of such facilities.

Sections 18.56.220 and 18.56.230 of the City Code require developments that include new dwelling units to pay park impact fees. As previously discussed in Section XV, Public Services, of this Modified Initial Study, the proposed project would be required to dedicate at least 0.71-acre of parkland. Because the proposed project would not include the dedication of parkland, the project would be subject to the payment of in-lieu fees as required by Section 18.56.220 of the City Code and as calculated consistent with Section 17.512.040. The payment of all applicable fees would ensure that adequate parkland is provided within the City, and existing recreational facilities would not experience impacts due to increased population growth. In addition, the proposed project is located within 0.5-mile of Airfield Park and Tanzanite Community Park. As such, future residents of the proposed project would have access to existing recreational facilities, thereby reducing any demand for parks associated with the increase in population due to the proposed project.

Based on the above, impacts related to parks and recreation facilities were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

XVII. TRANSPORTATION. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	☐	☐	✖
b. Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	✖
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	✖
d. Result in inadequate emergency access?	☐	☐	✖

Discussion

a. The law has changed with respect to how transportation-related impacts may be addressed under CEQA. Previously, lead agencies used a performance metric entitled 'level of service' (LOS) to assess the significance of such impacts, with greater levels of congestion considered to be more significant than lesser levels. Enacted as part of SB 743 (2013), PRC Section 21099(b)(1), directed the Governor's Office of Planning and Research (OPR) to prepare, develop, and transmit to the Secretary of the Natural Resources Agency for certification and adoption proposed CEQA Guidelines addressing "criteria for determining the significance of transportation impacts of projects within transit priority areas. Those criteria shall promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses." It should be noted that OPR is currently known as the Office of Land Use and Climate Innovation (LCI).

Pursuant to SB 743, the Natural Resources Agency promulgated CEQA Guidelines Section 15064.3 in late 2018, which became effective in early 2019. Subdivision (a) of that section provides that "[g]enerally, vehicle miles traveled is the most appropriate measure of transportation impacts. For the purposes of this section, VMT refers to the amount and distance of automobile travel attributable to a project. Other relevant considerations may include the effects of the project on transit and non-motorized travel. Except as provided in subdivision (b)(2) below (regarding roadway capacity), a project's effect on automobile delay shall not constitute a significant environmental impact." See question 'b' for a discussion of VMT.

Pedestrian, Bicycle, and Transit Facilities

As discussed under Impact 4.14-3 of the General Plan MEIR, development of the mobility element and circulation diagram network changes outlined in the 2040 General Plan would not physically disrupt an existing bicycle facility or interfere with implementation of a planned bicycle facility identified in the City of Sacramento Bicycle Master Plan. In addition, the General Plan MEIR includes policies supporting the expansion of transportation facilities and improving safety for all roadway users, including cyclists and pedestrians. With respect to transit facilities, which are discussed under Impact 4.14-2 of the General Plan MEIR, the 2040 General Plan and associated CAAP contain policies related to parking management, network expansion, and transit service improvements that could support higher levels of walking, cycling, and transit if needed (General Plan Policies M 2.14 and M 2.17, plus CAAP measures TR-1 and TR-2).

Overall, the land use and mobility elements of the City's General Plan have been designed to create interconnected, accessible neighborhoods that support pedestrian travel, cycling, and transit, and potential impacts related to such facilities would be less than significant.

Pedestrian facilities are comprised of crosswalks, sidewalks, pedestrian signals, and off-street paths, which provide safe and convenient routes for pedestrians to access destinations such as institutions, businesses, public transportation, and recreation facilities. Sidewalks in the project vicinity are currently located along Tanzanite Avenue, including along the site's southern frontage, and along Naturita Way to the east of the project site. The proposed project would include improvements to Tanzanite Avenue, including the addition of a five-foot sidewalk improvement and vertical curb and gutter improvements alongside the westernmost private driveway entrance and the addition of a six-foot apron with the purpose of bridging the gap between the driveways and the road alongside the other two private driveway entrances. Given that the proposed project would provide adequate access for pedestrians, the proposed project would not conflict with a program, plan, or ordinance addressing pedestrian facilities.

Currently, bicycle facilities do not exist along Tanzanite Avenue or Airport Road. However, a Class II bicycle lane exists along San Juan Road, located approximately 0.39-mile south of the project site. Development of the proposed project would not preclude the construction of any planned bicycle facilities, and the proposed project would not alter the existing circulation system in a way that would conflict with any adopted programs, plans, ordinances, or policies addressing bicycle facilities.

Public transit service is provided to the Sacramento area by Sacramento Regional Transit (SacRT). Route 86 includes northbound and southbound stops at the intersection of Azevedo Drive and San Juan Road, located approximately 0.5-mile southeast of the project site. The 86 bus route runs from Marconi/Arcade and Downtown Sacramento/J Street and 11th Street on all days of the week, starting as early as 5:37 AM and ending as late as 10:10 PM. SacRT GO also offers ADA Paratransit service to all destinations within 0.75-mile of an active bus route or Light Rail station. The proposed project would comply with all applicable policies established in the General Plan and the proposed project would not conflict with any adopted programs, plans, ordinances, or policies addressing transit facilities.

Based on the above, impacts related to conflicts with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

b. The City's General Plan MEIR determined that implementation of the 2040 General Plan would result in a less than significant impact related to VMT. Specifically, implementation of the 2040 General Plan would result in a 17.2 percent reduction in passenger vehicle VMT per capita compared to the City baseline, which exceeds the 16.8 percent reduction established as the City's VMT impact threshold. Pursuant to Section 2.10.2 of the General Plan MEIR and based on LCI guidance, projects consistent with the General Plan land use designation and development intensities may not be required to evaluate VMT. Because the proposed project would be consistent with the site's General Plan land use designation of N, the proposed project would not be anticipated to result in VMT greater

than what was previously anticipated for the project site. Thus, the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

c,d. The General Plan MEIR did not specifically evaluate hazardous design features or emergency access. Under Impact 4.14-3, the MEIR notes that the Mobility Element of the City's 2040 General Plan contains policies supporting the expansion of active-transportation facilities and improving safety for all roadway users, including those who travel by active modes and are vulnerable to collisions.

The proposed project would not include any new sharp curves or dangerous intersections and would not be located in the vicinity of any such roadway features. Site access would be provided through the proposed connections to Tanzanite Avenue. All proposed internal roadways and residential driveways would comply with applicable City design standards. In addition, the design of the connections to existing circulation systems would not involve any features that would increase traffic hazards at the site. The project roadways would be free and clear of any obstructions to provide adequate sight distance, thereby ensuring that exiting vehicles can see pedestrians, bicycles, or vehicles in the area. Any landscaping and signage would be located in such a way to ensure an unobstructed view for drivers exiting the site.

Several factors determine whether a project has sufficient access for emergency vehicles, including the following:

- Number of access points (both public and emergency access only);
- Width of access points; and
- Width of internal roadways.

Based on the site plan configuration, adequate access would be provided for emergency vehicles and trucks to enter and exit the site driveways and maneuver around the drive aisles. All driveways would be at least 24 feet wide and could accommodate an emergency vehicle, and would be constructed in accordance with the City standards to ensure adequate sight distance, stopping distances, and other factors to ensure public safety.

Construction traffic associated with the proposed project would include heavy-duty vehicles which would share the area roadways with normal vehicle traffic, as well as transport of construction materials, and daily construction employee trips to and from the site. However, such heavy-duty truck traffic would only occur throughout the duration of construction activities and would cease upon buildout of the proposed project.

City Code Section 12.20.030 requires that a Construction Traffic Control Plan be prepared and approved prior to the commencement of project construction, to the satisfaction of the City Traffic Engineer and subject to review by all affected agencies. All work performed during construction would be required to conform to the conditions and requirements of the approved plan. The plan would ensure that safe and efficient movement of traffic through the construction work zone(s) is maintained. At a minimum, the plan must include the following:

- Time and day of street closures;
- Proper advance warning and posted signage regarding street closures;
- Provision of driveway access plan to ensure safe vehicular, pedestrian, and bicycle movements;

- Safe and efficient access routes for emergency vehicles;
- Provisions for pedestrian safety;
- Use of manual traffic control when necessary;
- Number of anticipated truck trips, and time of day of arrival and departure of trucks;
- Provision of a truck circulation pattern and staging area with a limitation on the number of trucks that can be waiting and any limitations on the size and type of trucks appropriate for the surrounding transportation network; and
- The plan must be available at the site for inspection by the City representative during all work.

In addition, the proposed project would be required to comply with all building, fire, and safety codes and specific development plans would be subject to review and approval by the City's Public Works Department and the SFD. Required review by the aforementioned departments would ensure that the proposed circulation system for the project site would provide adequate emergency access.

Based on the above, impacts related to substantially increasing hazards due to design features or incompatible uses would be less than significant, and effects peculiar to the proposed project would not occur. Thus, the proposed project would not require further CEQA review for this topic.

XVIII. TRIBAL CULTURAL RESOURCES. *Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American Tribe, and that is:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k).	☐	☐	✖
b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	✖

Discussion

a,b. The General Plan MEIR determined that compliance with the 2040 General Plan policies, along with implementing actions intended to protect tribal cultural resources, would reduce the significance of impacts to tribal cultural resources. However, because feasible mitigation to guarantee that the loss, damage, or destruction of tribal cultural resources listed or eligible for listing as significant does not exist, the General Plan MEIR concluded that buildout of the 2040 General Plan would result in a significant and unavoidable impact.

AB 52 (PRC Section 21080.3.1) notification to tribes is not required for the proposed project, given that this checklist determines no additional environmental review is required for the project, consistent with CEQA Guidelines Section 15183. It should be noted that the project site does not contain known tribal cultural resources.

Given that the proposed project would be consistent with the site's General Plan land use designation, buildout of the project site and potential disturbance of buried tribal cultural resources has been anticipated by the City and analyzed in the General Plan MEIR. In addition, the project site is developed with an existing farmstead and small agricultural buildings and has been subject to regular disturbance. Therefore, it is likely that surface-level tribal cultural resources located on-site would have been previously encountered. As previously discussed, pursuant to CEQA Guidelines Section 15183(f), "An effect of a project on the environment shall not be considered peculiar to the project or the parcel for the purposes of this section if uniformly applied development policies or standards have been previously adopted by the city or county with a finding that the development policies or standards will substantially mitigate that environmental effect when applied to future projects, unless substantial new information shows that the policies or standards will not substantially mitigate the environmental effect. […]" In the case of the proposed project, compliance with General Plan policies and existing regulations, such as Policy HCR-1.1, Policy HRC-1.14, Policy HCR-1.15, policies related to the City's role in preserving historical resources (Policy HCR-2.1, HCR-2.2, and HCR-2.4), Policy HCR 1.17,

Implementing Action HCR-A.8, California Health and Safety Code Sections 7050.5 and 7052, and PRC Section 5097, would help avoid impacts to tribal cultural resources.

Based on the above, the proposed project is not expected to adversely impact tribal cultural resources. Therefore, impacts related to resulting in a substantial adverse change in the significance of a tribal cultural resource were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

XIX. UTILITIES AND SERVICE SYSTEMS. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	✖
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	✖
c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	✖
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	✖
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	✖

Discussion

a. Water and sewer services for the proposed project would be provided by the City of Sacramento. As part of the proposed project, new water lines and sanitary sewer lines would be extended from the existing 12-inch public water main and existing 10-inch sanitary sewer line in Tanzanite Avenue to the project site. Stormwater runoff from the project site would be conveyed through the proposed on-site stormwater drainage system, as shown in Figure 7, and into the City's existing storm drainage system. Electricity and telecommunications utilities would be provided by way of connections to existing infrastructure located within the immediate project vicinity. Therefore, the relocation or construction of new or expanded off-site water, wastewater treatment, stormwater drainage, or other utility infrastructure would not be required. In addition, the proposed project would be subject to General Plan policies related to utility services, including, but not limited to, Policy PFS-3.3, requiring development review processes, development impact fees, and off-site improvement requirements for new development in order to ensure that adequate public utilities and services are available. Because the proposed project is consistent with the site's current land use designation, the type and intensity of growth that would be induced by the proposed project was generally considered in the General Plan and associated utility improvements have been analyzed in the General Plan MEIR. According to the General Plan MEIR, with implementation of General Plan policies and applicable regulations, impacts related to the construction or expansion of water, wastewater, storm drainage, electric, or telecommunications facilities or infrastructure would be less than significant.

Based on the above, impacts related to the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects, were adequately addressed in the General Plan MEIR,

and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

b. Water service to the project site would be provided by the City of Sacramento's DOU through connection to existing water lines to the south of the project site. To meet the City's water demand, the City uses surface water from the Sacramento and American rivers, and groundwater pumped from the North American and South American Subbasins. According to the City's 2020 UWMP, the City is projected to have sufficient water supply to meet the projected demand through 2045 even after multiple dry years.[25] According to the DOU's 2019 Consumer Confidence Report, the City's drinking water meets or exceeds all federal and State drinking water standards.[26] The proposed project would be subject to Water System Development and Installation Fees payable to the City's DOU.

According to Impacts 4.13-1 through 4.13-3 of the General Plan MEIR, potential impacts related to adequate water supplies would be less than significant and water supplies for the City would meet expected demand for normal year, single-dry year, and multiple-dry year scenarios through 2045. Furthermore, the City's General Plan policies encourage increased recycled water use (Policy PFS-4.6) and ensure adequate water supply capacity prior to approving new building permits (Policy PFS-4.8). In addition, the proposed project would be required to pay water development impact fees applicable to all new metered domestic services, thereby further reducing the potential impact related to water demand.

Given that the proposed project is consistent with the site's current land use designation, the type and intensity of growth that would be induced by the proposed project was generally considered in the General Plan and associated water use has been analyzed in the General Plan MEIR. Impacts related to sufficient water supplies being available to serve the project and reasonably foreseeable future development were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

c. Sanitary sewer services would be provided to the project site by the City of Sacramento, which is responsible for the operation and maintenance of the sewer system, including hundreds of miles of sewer pipes and dozens of pumping stations. A combined stormwater and wastewater system, as well as a separated wastewater system, collect and transport sewage to SacSewer. As the regional provider, SacSewer maintains approximately 5,000 miles of sewer pipe and 117 pump stations within a 386-square-mile service area. Based on the project site's location, SacSewer would provide sewage collection, as well as treatment and resource recovery services to the proposed project. The sewer lift stations pump raw wastewater that is collected throughout the City to the EchoWater Facility.

As discussed under Impact 4.13-4 of the General Plan MEIR, adequate capacity exists to serve buildout of the General Plan planning area, and impacts related to wastewater treatment capacity would be less than significant. Additionally, SacSewer would require payment of sewer impact fees. All applicable impact fees would be required to be paid prior to issuance of a building permit and would further reduce any potential impacts associated with increased demand for wastewater service. Given that the proposed

[25] City of Sacramento. *City of Sacramento 2020 Urban Water Management Plan*. June 2021.
[26] City of Sacramento. *2023 Consumer Confidence Report*. Available at: https://www.cityofsacramento.org/Utilities/Reports. Accessed July 2025.

project is consistent with the site's current land use designation, the type and intensity of growth that would be induced by the proposed project was generally considered in the General Plan and associated wastewater demand has been analyzed in the General Plan MEIR. Therefore, the proposed project would not generate wastewater flows beyond the capacity of existing wastewater treatment facilities or planned future improvements to such facilities.

Based on the above, the availability of adequate capacity to serve the wastewater demand projected for the proposed project in addition to the City's existing commitments was adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

d,e. Solid waste, recyclable materials, and compostable material collection within the project area is operated by private haulers and disposed of at the Kiefer Landfill, which has been recently expanded. The Kiefer Landfill covers 1,084 acres of land; 660 acres are permitted for disposal. The site's permit allows the landfill to receive a maximum of 10,815 tons of waste per day. According to the California Department of Resources Recycling and Recovery (CalRecycle), the Kiefer Landfill has a remaining capacity of 102,300,000 cubic yards out of a total permitted capacity of 117,400,000, or 87 percent remaining capacity.[27]

The City's General Plan MEIR concluded that adequate capacity at local landfills exists to serve full buildout of the General Plan. Considering such existing capacity, as well as implementation of General Plan policies that would promote long-term reduction of solid waste generation in the General Plan planning area, the General Plan MEIR concluded that impacts would be less than significant.

While the proposed project would include a rezone from R-1A to R-1A-PUD, the proposed project is consistent with the General Plan land use designation of the project site, and therefore, the associated increase in solid waste disposal needs associated with development of the site was generally considered in the MEIR analysis. Furthermore, the project would be required to comply with all applicable provisions of Chapter 8.124, Construction and Demolition Debris Recycling, of the City Code. Therefore, the proposed project would not generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals and would comply with federal, State, and local management and reduction statutes and regulations related to solid waste.

Based on the above, impacts related to solid waste were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review related to such.

[27] California Department of Resources Recycling and Recovery (CalRecycle). *Facility/Site Summary Details: Sacramento County Landfill (Kiefer) (34-AA-0001)*. Available at: https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/2070?siteID=2507. Accessed July 2025.

XX. WILDFIRE. *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	✖
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	✖
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	✖
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	✖

Discussion

a-d. Under Impact 4.9-5 of the General Plan MEIR, wildfire risk is discussed as predominantly associated with WUI areas. According to the City's General Plan MEIR, the City is not located within a WUI area. The entirety of the City's planning area is located in an LRA, and thus, fire protection responsibility lies with the SFD. Overall, the General Plan MEIR concluded that compliance with the CFC and the applicable General Plan policies would minimize risks associated with wildfires. Additionally, the General Plan MEIR identifies areas along the American and Sacramento rivers as fairly susceptible to urban wildfires. The project site is not located within the immediate vicinity of such areas, and additional intervening development is located between the site and the aforementioned rivers. According to the CALFIRE Fire and Resource Assessment Program, the project site is not located within or near a Very High FHSZ.[28] The nearest Very High FHSZ is located approximately 8.96 miles northeast of the project site.

The proposed project would be required to comply with all applicable requirements of the CFC, as adopted by Chapter 15.36 of the City's Municipal Code, including installation of fire sprinkler systems. In addition, the CBSC includes requirements related to fire hazards for new buildings. Such features would help to reduce the spread of fire.

The project is not located on a substantial slope, and the project area does not include any existing features that would substantially increase fire risk for future residents. Given that the project site is located within a developed urban area and is situated adjacent to existing roads, water lines, and other utilities, the project would not result in substantial fire risks related to installation or maintenance of such infrastructure. Lastly, as discussed in Section VII, Geology and Soils, and Section X, Hydrology and Water Quality, of this Modified Initial Study, development of the proposed project would not expose people or structures to significant risks related to flooding or landslides.

[28] California Department of Forestry and Fire Protection. *Fire Hazard Severity Zones in State Responsibility Area*. Available at: https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones. Accessed July 2025.

Based on the above, impacts related to wildfire risks were adequately addressed in the General Plan MEIR, and the site would not be subject to any peculiar hazards related to wildfire risk. Thus, the criteria for requiring further CEQA review are not met.

XXI. MANDATORY FINDINGS OF SIGNIFICANCE.	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan MEIR
a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☐	✖
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☐	✖
c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	✖

Discussion

a. As discussed in Section IV, Biological Resources, of this Modified Initial Study, the proposed project would not adversely impact special-status plant or wildlife species. The proposed project would be required to comply with applicable policies and programs included in the General Plan and Natomas Basin HCP related to effects on any special-status plant and wildlife species, including pre-construction surveys. In addition, as discussed in Sections V and XVIII, Cultural Resources and Tribal Cultural Resources, implementation of the proposed project is not anticipated to have the potential to result in impacts related to historic, archaeological, or tribal cultural resources. The proposed project would be required to comply with applicable General Plan policies, as well as all applicable State regulations, related to preservation of archaeological resources and human remains if such resources are discovered within the project site during construction activities, consistent with the requirements of CEQA.

Considering the above, the proposed project would not: 1) degrade the quality of the environment; 2) substantially reduce or impact the habitat of fish or wildlife species; 3) cause fish or wildlife populations to drop below self-sustaining levels; 4) threaten to eliminate a plant or animal community; 5) reduce the number or restrict the range of a rare or endangered plant or animal; or 6) eliminate important examples of the major periods of California history or prehistory. Impacts associated with such resources have been adequately addressed and would not change from what was identified in the General Plan MEIR, and the criteria for requiring further CEQA review are not met.

b. The proposed project, in conjunction with other development within the City of Sacramento, could incrementally contribute to cumulative impacts in the area. However, the proposed project was included in the future development assumptions evaluated in the General Plan MEIR. The General Plan MEIR concluded that cumulative impacts to biological resources, cultural resources, noise, and tribal cultural resources would be significant and unavoidable. For those impacts determined to be significant in a General Plan EIR, CEQA Section 15183 allows for future environmental documents to limit examination of environmental effects to those impacts which were not already analyzed

as a significant effect in the prior EIR, provided that the proposed project is consistent with the General Plan. Given that the proposed project is consistent with the City's General Plan land use designation for the project site, cumulative impacts associated with buildout of the site have been anticipated by the City and were analyzed in the General Plan MEIR. Cumulative effects peculiar to the project or project site do not exist. Additionally, the proposed project does not incrementally contribute to cumulative impacts that were not analyzed or discussed in the City's General Plan MEIR. Furthermore, as discussed throughout this Modified Initial Study, all impacts associated with the proposed project were adequately addressed in the General Plan MEIR, and the proposed project would not result in any peculiar effects that would require further CEQA review. As such, this Modified Initial Study does not include any substantial new information that shows impacts are more severe than previously discussed, and further analysis is not required.

c. As described in this Modified Initial Study, the proposed project would comply with all applicable General Plan policies, City Code standards, other applicable local, County and State regulations. In addition, as discussed in the Air Quality, Geology and Soils, Hazards and Hazardous Materials, and Noise sections of this Modified Initial Study, the proposed project would not cause substantial adverse effects to human beings, including effects related to exposure to air pollutants, geologic hazards, hazardous materials, and excessive noise, beyond the effects previously analyzed as part of the General Plan MEIR. Therefore, further CEQA review is not required.

APPENDIX A

CALEEMOD RESULTS

Enclave at Airport Road Custom Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Enclave at Airport Road
Construction Start Date	6/1/2026
Operational Year	2027
Lead Agency	City of Sacramento
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.60
Precipitation (days)	37.6
Location	38.63368661025304, -121.51345794618675
County	Sacramento
City	Sacramento
Air District	Sacramento Metropolitan AQMD
Air Basin	Sacramento Valley
TAZ	600
EDFZ	13
Electric Utility	Sacramento Municipal Utility District
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Single Family Housing	32.0	Dwelling Unit	2.03	62,400	28,750	—	90.0	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.29	4.02	13.2	15.4	0.03	0.58	7.18	7.76	0.53	3.45	3.98	—	2,799	2,799	0.12	0.05	0.78	2,810
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.28	4.02	11.2	13.5	0.03	0.38	0.17	0.55	0.35	0.04	0.39	—	2,568	2,568	0.10	0.04	0.02	2,582
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.40	1.29	4.59	5.53	0.01	0.17	0.20	0.37	0.15	0.07	0.23	—	1,040	1,040	0.04	0.02	0.13	1,046
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.25	0.24	0.84	1.01	< 0.005	0.03	0.04	0.07	0.03	0.01	0.04	—	172	172	0.01	< 0.005	0.02	173

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	4.29	4.02	13.2	15.4	0.03	0.58	7.18	7.76	0.53	3.45	3.98	—	2,799	2,799	0.12	0.05	0.78	2,810

2027	4.22	3.96	10.7	13.6	0.03	0.34	0.17	0.51	0.31	0.04	0.35	—	2,580	2,580	0.10	0.04	0.71	2,595
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	4.28	4.02	11.2	13.5	0.03	0.38	0.17	0.55	0.35	0.04	0.39	—	2,568	2,568	0.10	0.04	0.02	2,582
2027	4.21	3.95	10.7	13.4	0.03	0.34	0.17	0.51	0.31	0.04	0.35	—	2,563	2,563	0.10	0.04	0.02	2,577
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.40	1.29	4.59	5.53	0.01	0.17	0.20	0.37	0.15	0.07	0.23	—	1,040	1,040	0.04	0.02	0.13	1,046
2027	1.32	1.24	3.19	4.01	0.01	0.10	0.05	0.15	0.09	0.01	0.11	—	763	763	0.03	0.01	0.09	767
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.25	0.24	0.84	1.01	< 0.005	0.03	0.04	0.07	0.03	0.01	0.04	—	172	172	0.01	< 0.005	0.02	173
2027	0.24	0.23	0.58	0.73	< 0.005	0.02	0.01	0.03	0.02	< 0.005	0.02	—	126	126	0.01	< 0.005	0.02	127

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.11	2.97	1.47	13.5	0.03	0.04	2.22	2.26	0.04	0.56	0.61	13.8	3,264	3,278	1.30	0.11	8.79	3,353
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.82	2.68	1.65	9.87	0.03	0.04	2.22	2.26	0.04	0.56	0.61	13.8	3,031	3,044	1.32	0.12	0.66	3,115
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.90	2.76	1.55	10.8	0.03	0.04	2.12	2.16	0.04	0.54	0.58	13.8	3,026	3,040	1.31	0.12	3.97	3,111
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.53	0.50	0.28	1.97	< 0.005	0.01	0.39	0.39	0.01	0.10	0.11	2.29	501	503	0.22	0.02	0.66	515

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.41	1.30	1.13	11.5	0.03	0.02	2.22	2.24	0.02	0.56	0.58	—	2,644	2,644	0.11	0.11	8.34	2,687
Area	1.66	1.66	0.02	1.82	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	4.85	4.85	< 0.005	< 0.005	—	4.87
Energy	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	612	612	0.05	< 0.005	—	614
Water	—	—	—	—	—	—	—	—	—	—	—	2.41	2.81	5.22	0.01	0.01	—	7.01
Waste	—	—	—	—	—	—	—	—	—	—	—	11.4	0.00	11.4	1.14	0.00	—	39.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.45	0.45
Total	3.11	2.97	1.47	13.5	0.03	0.04	2.22	2.26	0.04	0.56	0.61	13.8	3,264	3,278	1.30	0.11	8.79	3,353
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.28	1.16	1.33	9.74	0.02	0.02	2.22	2.24	0.02	0.56	0.58	—	2,416	2,416	0.12	0.12	0.22	2,454
Area	1.50	1.50	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	612	612	0.05	< 0.005	—	614
Water	—	—	—	—	—	—	—	—	—	—	—	2.41	2.81	5.22	0.01	0.01	—	7.01
Waste	—	—	—	—	—	—	—	—	—	—	—	11.4	0.00	11.4	1.14	0.00	—	39.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.45	0.45
Total	2.82	2.68	1.65	9.87	0.03	0.04	2.22	2.26	0.04	0.56	0.61	13.8	3,031	3,044	1.32	0.12	0.66	3,115
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.25	1.14	1.22	9.39	0.02	0.02	2.12	2.13	0.02	0.54	0.55	—	2,408	2,408	0.11	0.11	3.52	2,447
Area	1.61	1.61	0.01	1.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	3.32	3.32	< 0.005	< 0.005	—	3.34
Energy	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	612	612	0.05	< 0.005	—	614
Water	—	—	—	—	—	—	—	—	—	—	—	2.41	2.81	5.22	0.01	0.01	—	7.01
Waste	—	—	—	—	—	—	—	—	—	—	—	11.4	0.00	11.4	1.14	0.00	—	39.9

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.45	0.45
Total	2.90	2.76	1.55	10.8	0.03	0.04	2.12	2.16	0.04	0.54	0.58	13.8	3,026	3,040	1.31	0.12	3.97	3,111
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.23	0.21	0.22	1.71	< 0.005	< 0.005	0.39	0.39	< 0.005	0.10	0.10	—	399	399	0.02	0.02	0.58	405
Area	0.29	0.29	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	0.55	0.55	< 0.005	< 0.005	—	0.55
Energy	0.01	< 0.005	0.06	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	0.01	< 0.005	—	102
Water	—	—	—	—	—	—	—	—	—	—	—	0.40	0.47	0.86	< 0.005	< 0.005	—	1.16
Waste	—	—	—	—	—	—	—	—	—	—	—	1.89	0.00	1.89	0.19	0.00	—	6.61
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
Total	0.53	0.50	0.28	1.97	< 0.005	0.01	0.39	0.39	0.01	0.10	0.11	2.29	501	503	0.22	0.02	0.66	515

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.66	1.39	12.9	14.6	0.02	0.51	—	0.51	0.47	—	0.47	—	2,494	2,494	0.10	0.02	—	2,503
Demolition	—	—	—	—	—	—	0.17	0.17	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.71	0.80	< 0.005	0.03	—	0.03	0.03	—	0.03	—	137	137	0.01	< 0.005	—	137
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.15	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	22.6	22.6	< 0.005	< 0.005	—	22.7
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.03	0.70	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	139	139	< 0.005	< 0.005	0.50	141
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.24	0.10	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	0.28	145
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.95	6.95	< 0.005	< 0.005	0.01	7.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.55	7.55	< 0.005	< 0.005	0.01	7.94

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.15	1.15	< 0.005	< 0.005	< 0.005	1.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.25	1.25	< 0.005	< 0.005	< 0.005	1.31

3.3. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34	1.13	9.84	10.8	0.03	0.42	—	0.42	0.39	—	0.39	—	2,716	2,716	0.11	0.02	—	2,725
Dust From Material Movement	—	—	—	—	—	—	1.59	1.59	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.3	22.3	< 0.005	< 0.005	—	22.4
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.70	3.70	< 0.005	< 0.005	—	3.71
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.42	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	83.5	83.5	< 0.005	< 0.005	0.30	84.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.63	0.63	< 0.005	< 0.005	< 0.005	0.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.70	1.42	12.9	14.0	0.02	0.58	—	0.58	0.53	—	0.53	—	2,455	2,455	0.10	0.02	—	2,463
Dust From Material Movement	—	—	—	—	—	—	7.08	7.08	—	3.42	3.42	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.21	0.23	< 0.005	0.01	—	0.01	0.01	—	0.01	—	40.4	40.4	< 0.005	< 0.005	—	40.5
Dust From Material Movement	—	—	—	—	—	—	0.12	0.12	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.68	6.68	< 0.005	< 0.005	—	6.70
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.56	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	111	111	< 0.005	< 0.005	0.40	113
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.67	1.67	< 0.005	< 0.005	< 0.005	1.69
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.28
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.18	10.1	11.8	0.02	0.36	—	0.36	0.33	—	0.33	—	2,201	2,201	0.09	0.02	—	2,208
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.18	10.1	11.8	0.02	0.36	—	0.36	0.33	—	0.33	—	2,201	2,201	0.09	0.02	—	2,208
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	0.36	3.11	3.61	0.01	0.11	—	0.11	0.10	—	0.10	—	676	676	0.03	0.01	—	679
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.57	0.66	< 0.005	0.02	—	0.02	0.02	—	0.02	—	112	112	< 0.005	< 0.005	—	112
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.65	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	128	128	< 0.005	< 0.005	0.46	130
Vendor	0.01	< 0.005	0.17	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	96.9	96.9	0.01	0.01	0.23	102
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.48	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	114	114	< 0.005	< 0.005	0.01	115
Vendor	0.01	< 0.005	0.18	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	96.9	96.9	0.01	0.01	0.01	101
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	35.9	35.9	< 0.005	< 0.005	0.06	36.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	29.8	29.8	< 0.005	< 0.005	0.03	31.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.94	5.94	< 0.005	< 0.005	0.01	6.03
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.93	4.93	< 0.005	< 0.005	0.01	5.16
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	1.35	1.13	9.70	11.7	0.02	0.32	—	0.32	0.30	—	0.30	—	2,201	2,201	0.09	0.02	—	2,208
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.35	1.13	9.70	11.7	0.02	0.32	—	0.32	0.30	—	0.30	—	2,201	2,201	0.09	0.02	—	2,208
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.33	2.87	3.46	0.01	0.10	—	0.10	0.09	—	0.09	—	650	650	0.03	0.01	—	653
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.52	0.63	< 0.005	0.02	—	0.02	0.02	—	0.02	—	108	108	< 0.005	< 0.005	—	108
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.61	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	126	126	< 0.005	< 0.005	0.42	128
Vendor	0.01	< 0.005	0.16	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	94.7	94.7	0.01	0.01	0.21	99.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.45	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	112	112	< 0.005	< 0.005	0.01	113
Vendor	0.01	< 0.005	0.17	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	94.7	94.7	0.01	0.01	0.01	99.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.9	33.9	< 0.005	< 0.005	0.05	34.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.0	28.0	< 0.005	< 0.005	0.03	29.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.61	5.61	< 0.005	< 0.005	0.01	5.69
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.63	4.63	< 0.005	< 0.005	< 0.005	4.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.79	0.67	5.88	8.19	0.01	0.25	—	0.25	0.23	—	0.23	—	1,244	1,244	0.05	0.01	—	1,248
Paving	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	34.1	34.1	< 0.005	< 0.005	—	34.2
Paving	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.64	5.64	< 0.005	< 0.005	—	5.66
Paving	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.85	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	167	167	< 0.005	0.01	0.60	169
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.17	4.17	< 0.005	< 0.005	0.01	4.23
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.69	0.69	< 0.005	< 0.005	< 0.005	0.70
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.66	2.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.66	2.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.24	0.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.4	37.4	< 0.005	< 0.005	—	37.5
Architectural Coatings	0.75	0.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.19	6.19	< 0.005	< 0.005	—	6.21
Architectural Coatings	0.14	0.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	25.6	25.6	< 0.005	< 0.005	0.09	26.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	22.8	22.8	< 0.005	< 0.005	< 0.005	23.1

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.54	6.54	< 0.005	< 0.005	0.01	6.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.08	1.08	< 0.005	< 0.005	< 0.005	1.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.66	2.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.66	2.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.27	0.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	43.1	43.1	< 0.005	< 0.005	—	43.3
Architectural Coatings	0.86	0.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.14	7.14	< 0.005	< 0.005	—	7.16
Architectural Coatings	0.16	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	25.2	25.2	< 0.005	< 0.005	0.08	25.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	22.4	22.4	< 0.005	< 0.005	< 0.005	22.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.41	7.41	< 0.005	< 0.005	0.01	7.51
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.23	1.23	< 0.005	< 0.005	< 0.005	1.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	1.41	1.30	1.13	11.5	0.03	0.02	2.22	2.24	0.02	0.56	0.58	—	2,644	2,644	0.11	0.11	8.34	2,687

Total	1.41	1.30	1.13	11.5	0.03	0.02	2.22	2.24	0.02	0.56	0.58	—	2,644	2,644	0.11	0.11	8.34	2,687
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	1.28	1.16	1.33	9.74	0.02	0.02	2.22	2.24	0.02	0.56	0.58	—	2,416	2,416	0.12	0.12	0.22	2,454
Total	1.28	1.16	1.33	9.74	0.02	0.02	2.22	2.24	0.02	0.56	0.58	—	2,416	2,416	0.12	0.12	0.22	2,454
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.23	0.21	0.22	1.71	< 0.005	< 0.005	0.39	0.39	< 0.005	0.10	0.10	—	399	399	0.02	0.02	0.58	405
Total	0.23	0.21	0.22	1.71	< 0.005	< 0.005	0.39	0.39	< 0.005	0.10	0.10	—	399	399	0.02	0.02	0.58	405

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	209	209	0.01	< 0.005	—	209
Total	—	—	—	—	—	—	—	—	—	—	—	—	209	209	0.01	< 0.005	—	209
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	209	209	0.01	< 0.005	—	209
Total	—	—	—	—	—	—	—	—	—	—	—	—	209	209	0.01	< 0.005	—	209

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	34.5	34.5	< 0.005	< 0.005	—	34.6
Total	—	—	—	—	—	—	—	—	—	—	—	—	34.5	34.5	< 0.005	< 0.005	—	34.6

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	403	403	0.04	< 0.005	—	404
Total	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	403	403	0.04	< 0.005	—	404
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	403	403	0.04	< 0.005	—	404
Total	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	403	403	0.04	< 0.005	—	404
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.01	< 0.005	0.06	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	66.8	66.8	0.01	< 0.005	—	67.0
Total	0.01	< 0.005	0.06	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	66.8	66.8	0.01	< 0.005	—	67.0

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	1.34	1.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.16	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.17	0.16	0.02	1.82	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.85	4.85	< 0.005	< 0.005	—	4.87
Total	1.66	1.66	0.02	1.82	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	4.85	4.85	< 0.005	< 0.005	—	4.87
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	1.34	1.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.16	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.50	1.50	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00

Consumer Product	0.24	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.02	0.02	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.55	0.55	< 0.005	< 0.005	—	0.55
Total	0.29	0.29	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	0.55	0.55	< 0.005	< 0.005	—	0.55

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2.41	2.81	5.22	0.01	0.01	—	7.01
Total	—	—	—	—	—	—	—	—	—	—	—	2.41	2.81	5.22	0.01	0.01	—	7.01
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2.41	2.81	5.22	0.01	0.01	—	7.01
Total	—	—	—	—	—	—	—	—	—	—	—	2.41	2.81	5.22	0.01	0.01	—	7.01
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	0.40	0.47	0.86	< 0.005	< 0.005	—	1.16
Total	—	—	—	—	—	—	—	—	—	—	—	0.40	0.47	0.86	< 0.005	< 0.005	—	1.16

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	11.4	0.00	11.4	1.14	0.00	—	39.9
Total	—	—	—	—	—	—	—	—	—	—	—	11.4	0.00	11.4	1.14	0.00	—	39.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	11.4	0.00	11.4	1.14	0.00	—	39.9
Total	—	—	—	—	—	—	—	—	—	—	—	11.4	0.00	11.4	1.14	0.00	—	39.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1.89	0.00	1.89	0.19	0.00	—	6.61
Total	—	—	—	—	—	—	—	—	—	—	—	1.89	0.00	1.89	0.19	0.00	—	6.61

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.45	0.45
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.45	0.45
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.45	0.45
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.45	0.45
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	6/1/2026	6/29/2026	5.00	20.0	—
Site Preparation	Site Preparation	6/30/2026	7/4/2026	5.00	3.00	—
Grading	Grading	7/5/2026	7/13/2026	5.00	6.00	—

Building Construction	Building Construction	7/28/2026	5/31/2027	5.00	220	—
Paving	Paving	7/14/2026	7/27/2026	5.00	10.0	—
Architectural Coating	Architectural Coating	8/11/2026	6/14/2027	5.00	220	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42

Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	12.5	14.3	LDA,LDT1,LDT2
Demolition	Vendor	—	8.80	HHDT,MHDT
Demolition	Hauling	1.90	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	14.3	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.80	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	14.3	LDA,LDT1,LDT2
Grading	Vendor	—	8.80	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	11.5	14.3	LDA,LDT1,LDT2
Building Construction	Vendor	3.42	8.80	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT

Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	14.3	LDA,LDT1,LDT2
Paving	Vendor	—	8.80	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	2.30	14.3	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.80	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	126,360	42,120	0.00	0.00	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	3,224	—
Site Preparation	—	—	4.50	0.00	—

Grading	—	—	6.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.35

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.35	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	279	0.01	< 0.005
2027	0.00	267	0.01	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	302	305	274	108,941	3,093	3,126	2,802	1,115,495

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)

Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	32
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
126360	42,120	0.00	0.00	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	285,063	267	0.0129	0.0017	1,258,596

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	1,128,288	490,755

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	21.2	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

8. User Changes to Default Data

Screen	Justification
Land Use	Lot acreage adjusted to represent overall acreage of the project site.
Construction: Construction Phases	Based on typical construction practices, architectural coating assumed to start two weeks after the start of building construction and last for the same number of days.

APPENDIX B

PHASE I ENVIRONMENTAL SITE ASSESSMENT

LUSH GEOSCIENCES
I N C O R P O R A T E D
GEOLOGICAL AND ENVIRONMENTAL SERVICES

REPORT
PHASE I ENVIRONMENTAL ASSESSMENT
MACHADO PROPERTY
3600 AIRPORT ROADAVENUE
SACRAMENTO, CALIFORNIA

PREPARED FOR
Next Generation Capital

Job No. 2512-23

April 7, 2025

Andrew P. Lush

PG 4421
Exp. 10/2026

LUSH GEOSCIENCES, INC.

3706 SOLOMON ISLAND ROAD ● WEST SACRAMENTO, CA 95691 ● (916)878-7851 ● LUSHGEO@MSN.COM

LUSH GEOSCIENCES
I N C O R P O R A T E D
GEOLOGICAL AND ENVIRONMENTAL SERVICES

April 7, 2025
2512-23

CERTIFICATION

This Assessment was prepared by Andrew Lush, President and Chief Geologist of Lush Geosciences, Inc. I am a California-registered Professional Geologist with more than 30 years of experience as a practicing geologist and environmental professional.

I, Andrew Lush, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 C.F.R. Part 312. Further, I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Based on the information collected during this investigation, subsurface soil and groundwater contamination of the site likely to result in required mitigation by past, present or future Site owners is unlikely. Previously removed USTs with contamination require no further remediation. We conclude that the risk of contamination at the site is so minimal that no further investigation is warranted.

Please call our office if you have any questions regarding this report.

Sincerely,

LUSH GEOSCIENCES, INC.

Andrew P. Lush
President
PG 4421

LUSH GEOSCIENCES
INCORPORATED
GEOLOGICAL AND ENVIRONMENTAL SERVICES

April 7, 2025
2512-23

Nick Foster
Next Generation Capital
11211 Gold Country Boulevard #103
Gold River, CA 95670

Subject: Executive Summary, Phase I Environmental Assessment
Machado Property
3600 Airport Road, Sacramento, California

Dear Mr. Foster:

At your request, Lush Geosciences, Inc. performed this Phase I Environmental Assessment of the Machado property located northeast of the intersection of Airport Road and Tanzanite Avenue in Sacramento, California (Site). The Site includes one parcel with a residence, a garage, and a shed. The purpose of this assessment was to provide you with information regarding the likelihood that hazardous materials contamination may exist on or in the vicinity of the Site.

Our assessment included: 1) examination of records pertaining to the Site and its vicinity at offices of Sacramento County and the State of California; 2) historical research, including review of aerial photographs and historical maps; 3) review of materials provided by the Site owners and interviews with owners of adjacent properties and with regulatory personnel familiar with the Site and its vicinity; and 4) reconnaissance of the Site and its immediate vicinity.

File and historical review was performed using Environmental Data Resources searches of historical maps, historical air photos and telephone directories, and agency files. These materials were supplemented with our own research and verification of EDR reports using similar sources or using access to files not provided by EDR.

The Site is located on the east side of Airport Road and on the north side of Tanzanite Avenue in Sacramento. The 2.03-acre Site has a 1,740-sq ft residence erected in or about 1946, a garage, and a small shed on grassy land. The house was vacant during our Site visit. An aboveground tank, likely for water, is adjacent to the central part of the north boundary. Older residences are to the south and a park is to the southeast, the Site is otherwise surrounded by newer residences.

No Hazardous Materials Business Plan (HMBP) materials were on file at Sacramento County, indicating that the Site occupants did not store hazardous materials or generate hazardous waste in reportable quantities during times when such were required. Two USTs and two aboveground tanks were removed. No visible evidence (fill pipes, vent pipes, dispensers, surface patches) which would indicate the current presence of other USTs was discovered or reported during the Site reconnaissance.

Sources of historical data include topographic maps from the US Geological Survey (1907, 1915, 1950, 1951, 1954, 1967, 1975, 1980, 1992, 2012, 2015, 2018, 2021), aerial photographs (1937, 1947, 1953, 1957, 1964, 1966, 1972, 1984, 1993, 1998, 2006, 2009, 2012, 2016, 2020, 2024), and City Directories (1991, 1992, 1995, 1999, 2000, 2005, 2010, 2014, 2017, 2020) of the Site vicinity were reviewed to evaluate the recent past uses of the Site. Sanborn Maps were also consulted (no coverage of the Site). Our research indicates the following:

Year	Source Type	Commentszanite
1907	Topographic Map	Site and vicinity vacant.
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1984	Aerial Photo	Residence and garage on site, barn at south edge, rural residences to north, south.
1991	Directories	Frank D Machado.
1992	Directories	Frank D Machado.
1992	Topographic Map	No coverage.
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1995	Directories	Frank D Machado.
1998	Aerial Photo	Residence and garage on site, barn at south edge, rural residences to north, south.
1999	Directories	Olga Machado.
2000	Directories	Olga W.
2005	Directories	No Listing.
2006	Aerial Photo	Residence and garage on site, barn at south edge, rural residences to south, new residences to north and east.
2009	Aerial Photo	Residence and garage on site, barn at south edge, rural residences to south, new residences to north and east.
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2012	Aerial Photo	Residence and garage on site, barn at south edge, rural residences to south, new residences to north and east.
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2016	Aerial Photo	Site vacant, residences adjacent to east, apartments to west,.
2017	Directories	No Listing.
2020	Aerial Photo	Site vacant, residences adjacent to east, apartments to west,.
2020	Directories	Frank D Machado.
2024	Aerial Photo	Site in present configuration.

The Site had been vacant grassy land with no construction onsite until original construction of a residence and outbuildings starting prior to 1950 (1946). Development in the Site vicinity has been residential prior to 2006.

AGENCY FILES

Agency Review

Review of data available from various regulatory agencies indicated that hazardous materials are stored at several locations in the vicinity of the site. The Site appeared on several lists published by EDR:

• Frank D. Machado and Machado family	HWTS, HAZNET, LUST Sacramento County Contaminated sites, RGA LUST.

County files showed references to hazardous materials onsite in two underground tanks and aboveground tanks. Both of the USTs leaked, described in more detail below, with remedial action completed. No notes of other spills or contamination likely to impact the subsurface or required cleanups were found.

One other site is on the SCEMD Master List within 0.25 mi of the Site.

LUST INVESTIGATION

Kleinfelder performed a Phase I and limited Phase II investigation on the property. Two underground storage tanks (USTs) used for storing gasoline, and two aboveground storage tanks (ASTs) used for storing diesel fuel, were identified. The USTs were located in different portions of the property, with one UST (T1) located near the southern property boundary and the other UST (T2) located approximately 125 feet northeast of T1. Seven direct push borings (GB-1 through GB-7) were advanced to collect soil and groundwater samples from the subsurface; 10 hand auger soil samples were collected. Total petroleum hydrocarbons as gasoline (TPHG) and diesel (TPHD), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE) were detected in most soil samples collected near the USTs/ASTs. TPHD, TPHG, benzene, and MTBE were reported at maximum concentrations of 530 milligrams per kilogram (mg/Kg), 1,400 mg/Kg, 3.0 mg/Kg, and 12 mg/Kg, respectively, in soil, and 5,600 micrograms per liter (µg/L), 2,600,000 µg/L, 47,000 µg/L, and 57 µg/L, respectively, in groundwater.

17 additional direct push borings (GB-8 through GB-24) for soil and groundwater sample collection were performed. Kleinfelder, working in conjunction with W.A. Craig,

removed the USTs from the property. At this time, it was determined that the USTs were 500 or 550 gallons in size. After removing the USTs, excavations were performed near each UST. Kleinfelder estimates that approximately 1,300 in-place cubic yards of impacted soil, and 770 to 800 in-place cubic yards of non-impacted soil, were excavated from the site. Approximately 22 compliance soil samples and one grab groundwater sample were collected during the work. 17 additional direct push borings (GB-25 through GB-41) were advanced at this time to enable soil and groundwater sample collection. Clean (overburden) soil generated during excavation work, and also imported crushed rock and soil, were used to backfill the excavation.

Kleinfelder directed the installation of six groundwater monitoring wells (MW-1 through MW-6) at the site. The wells were installed to depths ranging from approximately 25 feet bgs (MW -1 through MW-4) to 30 feet bgs (MW-5 and MW-6). Soil vapor samples were collected from six locations on a residential property located south of the site, at 3590 Airport Road. The purpose of the work was to assess potential health risk to indoor air associated with contaminants remaining in the subsurface. Kleinfelder concluded that inhalation cancer risk associated with these contaminants was well below levels established by the Department of Toxic Substances Control and Environmental Protection Agency (DTSC/EPA). Well MW-3 was destroyed during this approximate time frame, and a replacement well (MW-3B) was installed.

Shortly following the installation of wells MW-1 through MW-6, groundwater levels at the property were below 30 feet bgs, due to the absence of measureable water levels in wells MW-5 and MW-6 in early 2005. Between December 2006 and March 2012, groundwater levels in wells MW-5 and MW-6 fluctuated between approximately 26.8 and 15.8 feet below the top of the well casing. Calculated groundwater flow directions beneath the property have been variable. Southeast, east, and northeast groundwater flow appears to be predominant beneath the site vicinity. North-northwest groundwater flow was also observed using data collected from one groundwater monitoring event. It was concluded that separate TPHG/benzene plumes were present in the areas surrounding the T1 and T2 USTs, and commingling between the two plumes does not appear to have occurred.

Historically, GRO and benzene were detected at concentrations over 2,000,000 micrograms per liter (µg/L) and 40,000 µg/L, respectively, near T1, and over 40,000 µg/L and 3,000 µg/L, respectively, near T2. Low levels of MTBE (and a small plume) were detected in the area near T2, however no MTBE has been detected in the area near T1.

Relatively low levels of fuel contaminants have been reported in samples collected from the site's monitoring well network.

Excavation remedial work appears to have been effective in improving groundwater quality beneath the site, likely by removing adsorbed petroleum hydrocarbon mass. Historically, the highest concentrations of petroleum hydrocarbons have been detected in samples collected from well MW-6, which is situated south of T1. Maximum TPHG and benzene concentrations in samples collected from this well have been reported at 2,100 µg/L and 120 µg/L, respectively. It should be noted, however, that less analytical data is available from wells MW-1 through MW-4 than wells MW-5 and MW-6, because these wells were installed to a shallower depth and could not be sampled during some well sampling events due to dry conditions. In well MW-4, situated northwest of T1, TPHG was detected at a maximum concentration of 2,600 µg/L; BTEX concentrations in this well, however, were predominately reported below laboratory detection limits. At the time of the most recent well sampling event performed at the site in March 2012, TPHG, BTEX, and MTBE concentrations were reported below laboratory instrument detection levels in all samples. 1,2-dichloroethane (1,2-DCA) has been detected in most samples collected from well MW-6, with a maximum concentration of 39 µg/L reported.

Two water wells have been identified in close proximity to the site; the Machado well, which is located onsite on the north-central portion of the property, and the Sing well, located immediately south of the site at 3590 Airport Road. The Sing well is located approximately 20 feet south of the T1 area. Samples have been collected from the Sing well since late 2003, and no gasoline related fuel contaminants (i.e., TPHG, BTEX, oxygenates, or additives) were detected in any of these samples. In two of the samples, low levels of extractable TPH (in the motor oil range) were reported; it does not appear as though silica gel treatment was performed on the samples. Kleinfelder sampled the Machado well in August 2003, and no gasoline related fuel contaminants were detected in the sample. Based on the available data, the Machado and Sing wells are potentially threatened by remaining fuel contaminants in groundwater, given their close proximity to previously documented impact in shallow groundwater. It is difficult to fully assess risk to the Sing well, due to the absence of water well construction details; however, the consistent absence of contaminants in samples collected from this well may indicate that the well is of sufficient depth, and adequately sealed, to allow for continued use with minimal risk of impact to the well. It should be noted that a municipal water source serves subdivision-type housing located north

and east of the site. In the event that the Machado or Sing wells were to become impacted with petroleum hydrocarbons, an alternative water supply from a municipal source should be available.

SCEMD and the State of California have established criteria for evaluating whether an environmental case on a property can be considered for closure. These criteria were used to conclude that remaining contaminants in groundwater pose a low threat to human health and the environment. The agencies have closed the Site with no further remediation required.

The USTs onsite and an additional property to the east are the only USTs within 0.1 mi.

The subject property is not listed as a RCRIS Small-Quantity Generator. No sites within a 0.25-mi radius of the property were listed as RCRIS Small-Quantity Generators; One facility within 1 mi is a Large-Quantity Generator – the Natomas Airport. No sites were listed as Transporters. No Treatment, Storage or Disposal facility for hazardous wastes was listed within 1 mi. No property was listed as a small-quantity generator no longer regulated.

CERCLIS shows no "Superfund" site within 1 mi; no other CERCLIS "Superfund" sites, no Delisted "Superfund" Sites, and no Cleanup site are within 1 mi of the Site. One NFRAP site is within 1 mi (Natomas Airport, 0.16 mi north). None are likely to impact the subject property.

CalSites shows one additional site within 1 mi. No State “Superfund” sites are within 1 mi. One CalSites Voluntary Cleanup Site was listed within 1 mi; (the Natomas Airport is 0.16 mi north, referred to RWQCB). None are likely to impact the Site. Two School sites are located within 1 mi (0.5 and 1 mi north - no contaminants verified). No evaluation sites are within 1 mi.

In addition to the Site, there are four other LUST sites within 0.5 mi. All are closed with no further remedial action necessary. One SLIC site is present within 0.25 mi (Natomas Airport); that site requires no further action.

No Indian Lands are within 1 mi of the Site. No federal or State Institutional/Engineering Controls or environmental liens are applicable to the Site.

There are no listed landfills and no composting/transfer site within 1 mi of the Site.

No incident within approximately 0.1 mi of the Site appeared on the Emergency Response Notification System.

Asbestos and Lead Paint

Since construction onsite was in 1946, building materials are considered possible to contain asbestos. Te sidiung on the residence and garage is likely transite, an asbestos-containing product. Similarly, lead paint is likely to be present in the building. Suspect interior materials have most likely been removed or encapsulated during more recent remodeling.

CONCLUSIONS

A Recognized Environmental Condition (REC) is the presence or likely presence of any hazardous substances or petroleum products on or at a property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. A Historical REC (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority without subjecting the property to any required controls. A Controlled REC (CREC) is an REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. RECs do not include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The former USTs on site and the associated contamination represent an HREC for which no further action is required. An asbestos survey will be required prior to demolition of the Site buildings, and asbestos is likely at least in the exterior siding. Similar precautoons may be required for lead paint.

Our Site reconnaissance revealed no distressed vegetation. No indication of additional underground tanks and no indications of significant soil contamination were found.

According to data available from regulatory agencies, there are no records of other underground tanks and gasoline contamination on the Site.

Based on the information collected during this investigation, significant unknown subsurface soil contamination of the Site by past Site activities is unlikely. Unknown groundwater contamination is unlikely. Some potential for unknown Site contamination exists because of potentially contaminated sites unknown to regulatory agencies and not apparent through reconnaissance and historical research. This possibility is considered very unlikely.

We therefore recommend no additional work to assess possible contamination onsite.

Please call our office if you have any questions regarding this report.

Sincerely,

LUSH GEOSCIENCES, INC.

Andrew P. Lush
President
PG 4421
Exp. 10/26

TABLE OF CONTENTS

LIST OF FIGURES

APPENDICES

1.0 INTRODUCTION

At the request of Next Generation Capital, Lush Geosciences, Inc. performed this Phase I Environmental Assessment of the Machado property located northeast of the intersection of Airport Road and Tanzanite Avenue in Sacramento, California (Site). The Site includes one parcel with a residence, a garage, and a shed (Figures 1, 2, 3). The purpose of this assessment was to provide Next Generation Capital with information regarding the likelihood that hazardous materials contamination may exist on or in the vicinity of the Site. A Recognized Environmental Condition (REC) is the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. RECs do not include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Our assessment included: 1) examination of records pertaining to the Site and its vicinity at offices of Sacramento County, the City of Sacramento, and the State of California; 2) historical research including a review of aerial photographs and historic maps; 3) and interviews with and review of materials provided by owner of the Site, occupants of adjacent properties and with regulatory persons familiar with the Site and its immediate vicinity; and 4) a reconnaissance of the Site and its immediate vicinity.

This Assessment meets guidelines set forth in ASTM Standard 1527-05 for Environmental Assessments. Information regarding hazardous materials contamination on or near the project Site was obtained from the following agencies:

- California State Environmental Protection Agency (Cal EPA) Department of Toxic Substances Control, and U.S. Environmental Protection Agency (EPA) information on file at Cal EPA;
- California Environmental Protection Agency (Cal EPA), Office of Environmental Information;
- California State Department of Water Resources (DWR);
- The Central Valley Region of the California Regional Water Quality Control Board (CRWQCB);
- California Integrated Waste Management Board (CIWMB), and
- Sacramento County Environmental Management Department (SCEMD).

2.0 SCOPE OF WORK

The scope of work for this assessment was to provide information regarding the past use of the Site and its immediate vicinity to assist in evaluating the feasibility of its purchase. The assessment objectives were to evaluate whether there is evidence of soil or groundwater contamination beneath the Site from storage, use, or disposal of hazardous or potentially hazardous materials present on or in the immediate vicinity of the Site.

3.0 SITE IDENTIFICATION

The Site is in the City of Sacramento, Sacramento County, and appears in Sacramento County Assessors Map Book 225 on Page 15, as parcel 55). The Site is owned by the Olga W Machado Revocable Trust.

3.1 Location

The Site appears on the U.S.G.S. topographic map of the Sacramento area in Section 10 of Township 9 North and Range 4 East (Figure 1, 3).

3.2 Site Description

The Site is located on the east side of Airport Road and on the north side of Tanzanite Avenue in Sacramento. The 2.03-acre Site has a 1,740-sq ft residence erected in or about 1946, a garage, and a small shed on grassy land. The house was vacant during our Site visit. An aboveground tank, likely for water, is adjacent to the central part of the north boundary.

Photographs of the Site and vicinity are presented in Appendix A.

No Hazardous Materials Business Plan (HMBP) materials were on file at Sacramento County, indicating that the Site occupants did not store hazardous materials or generate hazardous waste in reportable quantities during times when such were required. Two USTs and two aboveground tanks were removed. No visible evidence (fill pipes, vent pipes, dispensers, surface patches) which would indicate the current presence of other USTs was discovered or reported during the Site reconnaissance.

3.3 Adjacent Properties

Older residences are to the south and a park is to the southeast, the Site is otherwise surrounded by newer residences.

4.0 HISTORICAL LAND USE

Past configurations of the Site are presented in Figures 1-32. Sources of historical data include topographic maps from the US Geological Survey (1907, 1915, 1950, 1951, 1954, 1967, 1975, 1980, 1992, 2012, 2015, 2018, 2021), aerial photographs (1937, 1947, 1953, 1957, 1964, 1966, 1972, 1984, 1993, 1998, 2006, 2009, 2012, 2016, 2020, 2024), and City Directories (1991, 1992, 1995, 1999, 2000, 2005, 2010, 2014, 2017, 2020) of the Site vicinity were reviewed to evaluate the recent past uses of the Site. Sanborn Maps were also consulted (no coverage of the Site). Our research indicates the following:

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1992	Topographic Map	No coverage.

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1995	Directories	Frank D Machado.
1998	Aerial Photo	Residence and garage on site, barn at south edge, rural residences to north, south.
1999	Directories	Olga Machado.
2000	Directories	Olga W.
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2024	Aerial Photo	Site in present configuration.

The Site had been vacant grassy land with no construction onsite until original construction of a residence and outbuildings starting prior to 1950 (1946). Development in the Site vicinity has been residential prior to 2006.

5.0 ENVIRONMENTAL SETTING

The Site, situated in the floodplain for the American River, is approximately 4.5 mi east of the Sacramento River. Surface drainage at the site is controlled by the Site topography, which directs overland flow to the county's network of storm drains and sewers.

5.1 Physiography

The Site is located near the southern end of the Sacramento Valley, which is the northern half of the Great Valley Physiographic Province. The elevation at the Site is approximately 14 ft above mean sea level. The topography of the Site is flat. The semi-arid local climate is characterized by mild to cool, wet winters and hot, dry summers with approximately 12 to 18 ins of annual precipitation.

5.2 Soil Conditions

Native soil is not exposed at the Site; native soil below the building is mapped as Clear Lake Clay (USDA, 2025). The soils are developed on a Quaternary levee and channel deposits (Wagner et al., 1981).

5.3 Groundwater

The Site is located within the Sacramento River Hydrologic Basin, as defined by the State of California Department of Water Resources (DWR). Groundwater surface elevation maps from DWR (1986) and the Sacramento County Department of Public Works (1987), indicate that the elevation of uppermost groundwater beneath the Site was approximately 40 ft below mean sea level, or approximately 15-35 ft below the existing ground surface with a flow direction that is variable but generally eastward.

6.0 AGENCY REVIEW

File and historical review was performed using Environmental Data Resources (EDR, 2025) searches of historical maps, historical air photos and telephone directories, and agency files. Review of data available from various regulatory agencies indicated that hazardous materials are stored at several locations in the vicinity of the site. The Site appeared on several lists published by EDR:

- Frank D. Machado and Machado family — HWTS, HAZNET, LUST Sacramento County Contaminated sites, RGA LUST.

County files showed references to hazardous materials onsite in two underground tanks and aboveground tanks. Both of the USTs leaked, described in more detail below, with remedial action completed. No notes of other spills or contamination likely to impact the subsurface or required cleanups were found.

One other site is on the SCEMD Master List within 0.25 mi of the Site.

A computer-generated agency file search is presented as Appendix B1-B6.

LUST INVESTIGATION

Kleinfelder performed a Phase I and limited Phase II investigation on the property. At that time, two underground storage tanks (USTs) used for storing gasoline, and two above ground storage tanks (ASTs) used for storing diesel fuel, were identified. The USTs were located at different portions of the property, with one UST (T1) located near the southern property boundary and the other UST (T2) located approximately 125 feet northeast of T1. Seven direct push borings (GB-1 through GB-7) were advanced to collect soil and groundwater samples from the subsurface; 10 hand auger soil samples were collected. Total petroleum hydrocarbons as gasoline (TPHG) and diesel (TPHD), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE) were detected in most soil samples collected near the USTs/ASTs. TPHD, TPHG, benzene, and MTBE were reported at maximum concentrations of 530 milligrams per kilogram (mg/Kg), 1,400 mg/Kg, 3.0 mg/Kg, and 12 mg/Kg, respectively, in soil, and 5,600 micrograms per liter (µg/L), 2,600,000 µg/L, 47,000 µ,g/L, and 57 µg/L, respectively, in groundwater.

An additional subsurface investigation consisted of advancing 17 additional direct push borings (GB-8 through GB-24) for soil and groundwater sample collection was performed. Kleinfelder, working in conjunction with W.A. Craig, removed the USTs from

the property. At this time, it was determined that the USTs were 500 or 550 gallons in size. After removing the USTs, excavations were performed near each UST. Kleinfelder estimates that approximately 1,300 in-place cubic yards of impacted soil, and 770 to 800 in-place cubic yards of non-impacted soil, were excavated from the site. Approximately 22 compliance soil samples and one grab groundwater sample were collected during the work. In addition, 17 additional direct push borings (GB-25 through GB-41) were advanced at this time to enable soil and groundwater sample collection. Clean (overburden) soil generated during excavation work, and also imported crushed rock and soil, were used to backfill the excavation.

Kleinfelder directed the installation of six groundwater monitoring wells (MW-1 through MW-6) at the site. The wells were installed to depths ranging from approximately 25 feet bgs (MW-1 through MW-4) to 30 feet bgs (MW-5 and MW-6). Soil vapor samples were collected from six locations on a residential property located south of the site, at 3590 Airport Road. The purpose of the work was to assess potential health risk to indoor air associated with contaminants remaining in the subsurface. Kleinfelder concluded that inhalation cancer risk associated with these contaminants was well below levels established by the Department of Toxic Substances Control and Environmental Protection Agency (DTSC/EPA). Well MW-3 was destroyed during this approximate time frame, and a replacement well (MW-3B) was installed. Shortly following the installation of wells MW-1 through MW-6, groundwater levels at the property were below 30 feet bgs, due to the absence of measureable water levels in wells MW-5 and MW-6 in early 2005. Between December 2006 and March 2012, groundwater levels in wells MW-5 and MW-6 fluctuated between approximately 26.8 and 15.8 feet below the top of the well casing. Calculated groundwater flow directions beneath the property have been variable. Southeast, east, and northeast groundwater flow appears to be predominant beneath the site vicinity. North-northwest groundwater flow was also observed using data collected from one groundwater monitoring event.

It was concluded that separate TPHG/benzene plumes were present in the areas surrounding the T1 and T2 USTs, and commingling between the two plumes does not appear to have occurred. Historically, GRO and benzene were detected at concentrations over 2,000,000 micrograms per liter (µg/L) and 40,000 µg/L, respectively, near T1, and over 40,000 µg/L and 3,000 µg/L, respectively, near T2. Low levels of MTBE (and a small plume) were detected in the area near T2, however no MTBE has been detected in the area near T1. Relatively low levels of fuel contaminants have been reported in samples collected from the site's monitoring well network.

Excavation remedial work appears to have been effective in improving groundwater quality beneath the site, likely by removing adsorbed petroleum hydrocarbon mass. Attachment I presents a tabulated summary of available groundwater well sampling data.

Historically, the highest concentrations of petroleum hydrocarbons have been detected in samples collected from well MW-6, which is situated south of T1. Maximum TPHG and benzene concentrations in samples collected from this well have been reported at 2,100 µg/L and 120 µg/L, respectively. It should be noted, however, that less analytical data is available from wells MW-1 through MW-4 than wells MW-5 and MW-6, because these wells were installed to a shallower depth and could not be sampled during some well sampling events due to dry conditions. In well MW-4, situated northwest of T1, TPHG was detected at a maximum concentration of 2,600 µg/L; BTEX concentrations in this well, however, were predominately reported below laboratory detection limits. At the time of the most recent well sampling event performed at the site in March 2012, TPHG, BTEX, and MTBE concentrations were reported below laboratory instrument detection levels in all samples. 1,2-dichloroethane (1,2-DCA) has been detected in most samples collected from well MW-6, with a maximum concentration of 39 µg/L reported. In a letter dated May 15, 2013, SCEMD personnel requested that `a discussion as to the source of the 1,2-DCA found in MW-6 be provided for agency review. During the excavation work and compliance soil and groundwater sampling at T1, 1,2-DCA was detected in two soil samples, at concentrations of 0.22 mg/Kg and 0.012 mg/Kg. In addition, in a grab groundwater sample collected from the southeast corner of the T1 excavation, 1,2-DCA was detected at a concentration of 440 µg/L (see Attachment B). Given that 1,2-DCA was detected in both soil and grab groundwater during the T1 area remedial project, and well MW-6 is situated approximately 15 feet south of T1, it is our opinion that the 1,2-DCA reported in well MW-6 originated from the T1 area.

Two water wells have been identified in close proximity to the site; the Machado well, which is located onsite on the north-central portion of the property, and the Sing well, located immediately south of the site at 3590 Airport Road. The Sing well is located approximately 20 feet south of the T1 area. Samples have been collected from the Sing well since late 2003, and no gasoline related fuel contaminants (i.e., TPHG, BTEX, oxygenates, or additives) were detected in any of these samples. In two of the samples, low levels of extractable TPH (in the motor oil range) were reported; it does not appear as though silica gel treatment was performed on the samples. Kleinfelder sampled the Machado well in August 2003, and no gasoline related fuel contaminants were detected in the sample. Based on the available data, the Machado and Sing wells are potentially threatened by remaining fuel contaminants in groundwater, given their close proximity to previously documented impact in shallow groundwater. It is difficult to fully assess risk to the Sing well, due to the

absence of water well construction details; however, the consistent absence of contaminants in samples collected from this well may indicate that the well is of sufficient depth, and adequately sealed, to allow for continued use with minimal risk of impact to the well. It should be noted that a municipal water source serves subdivision-type housing located north and east of the site. In the event that the Machado or Sing wells were to become impacted with petroleum hydrocarbons, an alternate water supply from a municipal source should be available.

SCEMD and the State of California have established criteria for evaluating whether an environmental case on a property can be considered for closure. These criteria conclude that remaining contaminants in groundwater pose a low threat to human health and the environment. The agencies have closed the Site with no further remediation required.

6.1 Underground Storage Tanks

According to Sacramento County, there is one site with registered active underground storage tanks present within 0.1 mi of the Site (0.9 mi east). The Site is not listed as having had present or former USTs.

6.3 RCRIS

The subject property is not listed as a RCRIS Small-Quantity Generator. No sites within a 0.25-mi radius of the property were listed as RCRIS Small-Quantity Generators; One facility within 1 mi is a Large-Quantity Generator – the Natomas Airport. No sites were listed as Transporters. No Treatment, Storage or Disposal facility for hazardous wastes was listed within 1 mi. No property was listed as a small-quantity generator no longer regulated. No property within 0.25 mi is a small-quantity generator no longer regulated.

No Treatment, Storage, or Disposal site is listed within 1 mi.

No CORRACTS site is listed within 1 mi.

6.4 Contaminated Sites - CERCLIS

CERCLIS shows no "Superfund" site within 1 mi; no other CERCLIS "Superfund" sites, no Delisted "Superfund" Sites, and no Cleanup site are within 1 mi of the Site. One NFRAP site is within 1 mi (Natomas Airport, 0.16 mi north). None are likely to impact the subject property.

6.5 Contaminated Sites - CalSites

CalSites shows one additional site within 1 mi. No State "Superfund" sites are within 1 mi. One CalSites Voluntary Cleanup Site was listed within 1 mi; (the Natomas Airport is 0.16 mi north, referred to RWQCB). None are likely to impact the Site. Two School sites are located within 1 mi (0.5 and 1 mi north - no contaminants verified). No evaluation sites are within 1 mi.

6.6 LUST Sites

In addition to the Site, there are four other LUST sites within 0.5 mi. All are closed with no further remedial action necessary.

6.7 SLIC Sites

One SLIC site is present within 0.25 mi (Natomas Airport); that site requires no further action.. None are likely to impact the Site.

6.8 Indian Lands

No Indian Lands are within 1 mi of the Site.

6.9 Institutional/Engineering Controls

No federal or State Institutional/Engineering Controls or environmental liens are applicable to the Site.

6.10 Environmental Liens

Environmental liens are a charge, security, or encumbrance on a property's title to secure payment of cost or debt arising from response actions, cleanup, or other remediation of hazardous substances or petroleum products. We have reviewed title documents and found no evidence of such liens; further, our review of Site history and regulatory files showed no evidence of past or present response actions, cleanup, or other remediation onsite or on nearby properties which would have resulted in such a lien for the subject property.

6.11 ERNS Sites

No incidents within approximately 0.25 mi of the Site appeared on the Emergency Response Notification System.

6.12 Contaminated Sites – Proposition 65

No incidents within approximately 0.25 mi of the Site appeared on the Sacramento County list of Proposition 65 reports.

6.13 Landfills

There are no listed landfills and no composting/transfer sites within 1 mi of the Site.

7.0 CONCLUSIONS

A Recognized Environmental Condition (REC) is the presence or likely presence of any hazardous substances or petroleum products on or at a property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. A Historical REC (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority without subjecting the property to any required controls. A Controlled REC (CREC) is an REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. RECs do not include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

A Recognized Environmental Condition (REC) is the presence or likely presence of any hazardous substances or petroleum products on or at a property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. A Historical REC (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority without subjecting the property to any required controls. A Controlled REC (CREC) is an REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. RECs do not include *de minimis* conditions that generally do not present a threat to human health or the environment and that

generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The former USTs on site and the associated contamination represent an HREC for which no further action is required. An asbestos survey will be required prior to demolition of the Site buildings, and asbestos is likely at least in the exterior siding. Similar precautions may be required for lead paint.

Our Site reconnaissance revealed no distressed vegetation. No indication of additional underground tanks and no indications of significant soil contamination were found. According to data available from regulatory agencies, there are no records of other underground tanks and gasoline contamination on the Site.

Based on the information collected during this investigation, significant unknown subsurface soil contamination of the Site by past Site activities is unlikely. Unknown groundwater contamination is unlikely. Some potential for unknown Site contamination exists because of potentially contaminated sites unknown to regulatory agencies and not apparent through reconnaissance and historical research. This possibility is considered very unlikely.

This opinion is based on our understanding of the present and historical use of the site, on the nature and distribution of contaminants at known contaminated sites, on our interpretation of subsurface soil units, and on the inferred northerly groundwater flow direction. Some potential for unknown Site contamination exists because of potentially contaminated sites unknown to regulatory agencies and not apparent through reconnaissance and historical research. Should a higher degree of certainty regarding this conclusion be required, the possibility of contamination can be evaluated more definitely by drilling borings and collecting and chemically analyzing soil and/or groundwater samples. These procedures, however, are unlikely to result in the discovery of significant contamination. We therefore do not recommend further work to assess possible contamination.

8.0 DATA GAPS

AAI standards require interviews with past and present owners, operators, and occupants of the subject property. During our assessment we spoke with current operators/occupants of the Site and information was provided by the Site owner. We were unable to contact former owners. This may be viewed as a Data Gap. Based on the information collected during our historical research, our review of reasonably obtainable data from regulatory files, and on information collected during our Site inspection, on information provided by the current occupants and owner, and communications with Site

and regulatory personnel, we remain confident in our conclusion that no conditions are known to exist or to have existed which would have resulted in the release of pollutants, contaminants, petroleum and petroleum products or controlled substances to the ground or groundwater on, at, in, or to the subject property which would require remediation; this data gap does not prevent us from reaching this conclusion.

9.0 LIMITATIONS

The above conclusions are based on our assessment of conditions indicated to exist as of the date of our field reconnaissance (April 2025). Our assessment included a brief field reconnaissance, a review of the referenced public documents and materials provided by the client, and interviews with the Site owner and/or occupants and other persons thought to be familiar with the Site and its near vicinity, and state or local regulatory persons familiar with the area. This assessment was conducted in accordance with generally accepted standards of environmental geological practice at the time it was performed.

The results of this assessment do not preclude the possibility that substances that are currently or which in the future may be defined as hazardous may be present on the property because of activities that we could not identify or in locations which were not sampled. Further investigation, including subsurface exploration and laboratory testing of soil and groundwater samples can reduce the uncertainties inherent in this type of limited environmental assessment. These investigations are unlikely to discover contamination and we therefore do not recommend further work to assess possible contamination

No soil engineering or geotechnical references are made nor should they be inferred. This report is applicable only to the investigated property and should not be used for any other property.

10.0 REFERENCES

California Environmental Protection Agency, 2025, Envirostor List, Toxic Substances Control Division, Sacramento, California, March 2025.

California Environmental Protection Agency, 2025, Geotracker List, CRWQCB, Sacramento, California, March 2025.

California Integrated Waste Management Board, 2025, Sacramento County Landfills, (Solid Waste Information System (online)) Sacramento, California March 2025.

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Environmental Data Resources, 2025b, Historical Topo Map Search, March 2025, contains USGS Topographic Maps 1907, 1915, 1950, 1951, 1954, 1967, 1975, 1980, 1992, 2012, 2015, 2018, 2021.

Environmental Data Resources, 2025c, Aerial Photo Decade Package, March 2025, contains images from USDA/NAIP 2006, 2009, 2012, 2016, 2020USDA 1937, 1953, 1957, 1964, 1972, 1984, 1993, USGS 1947, 1966, 1998.

Environmental Data Resources, 2025d, EDR-City Directory Image Search, March 2025, contains images referenced therein from 1991, 1992, 1995, 1999, 2000, 2005, 2010, 2014, 2017, 2020.

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Sacramento County Assessor's parcel maps and building permits, available online March 2025.

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Sanborn Maps, from EDR (None available)

United States Department of Agriculture Soil Conservation Service, Online, Soil Survey of Sacramento County, California, March 2025.

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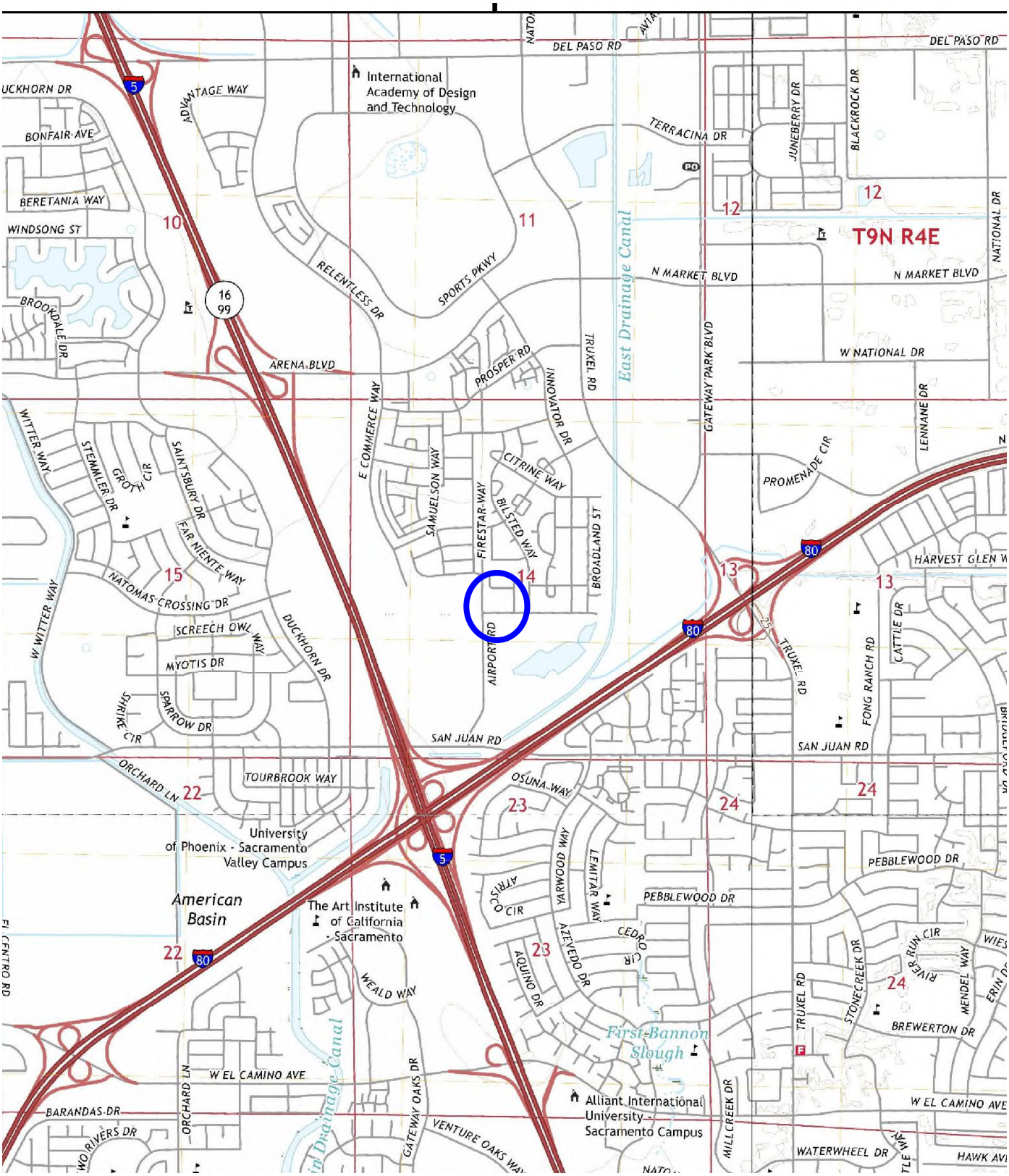
United States Environmental Protection Agency, 2025, RCRIS – CORRACTS – Handlers with Corrective Actions List, March 2025.

United States Environmental Protection Agency, 2025, RCRIS – Generators List, March 2025.

United States Environmental Protection Agency, 2025, CERCLIS, List-8: Site/Event Listing, US EPA Region 9, San Francisco, California, March 2025.

United States Environmental Protection Agency, 2025, National Priorities List, Final and Proposed Sites by Region, US EPA Region 9, San Francisco, California, March 2025.

Wagner, D.L., C.W. Jennings, T.L. Bedrossian, and E.J. Bortugno, 1981, Regional Geologic Map Series, Sacramento Quadrangle, Map No. 1A (Geology), California Division of Mines and Geology.



North

USGS 2021

SITE LOCATION MAP

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 1

North

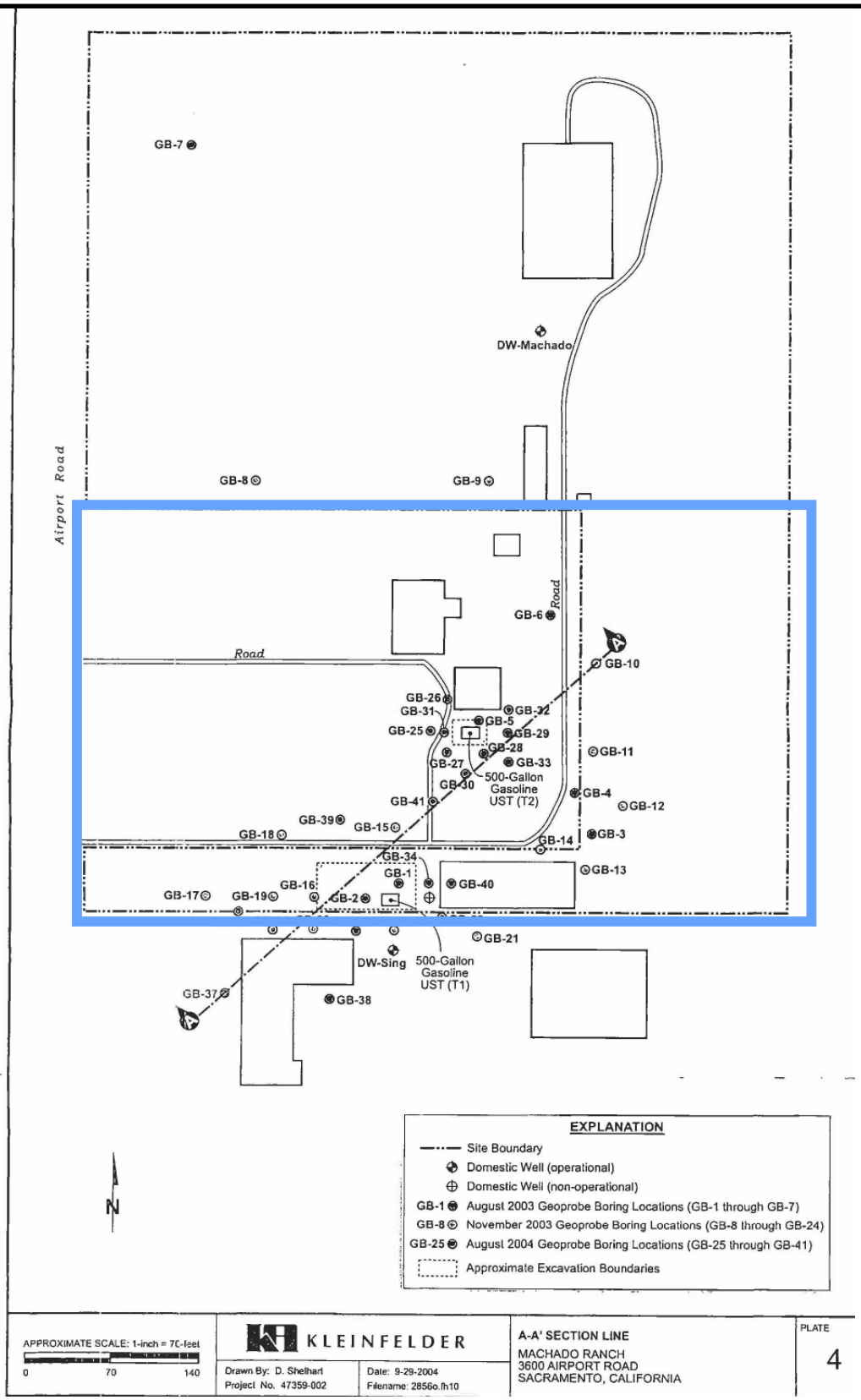
Google Earth 2024

GENERALIZED SITE PLAN

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 2



North

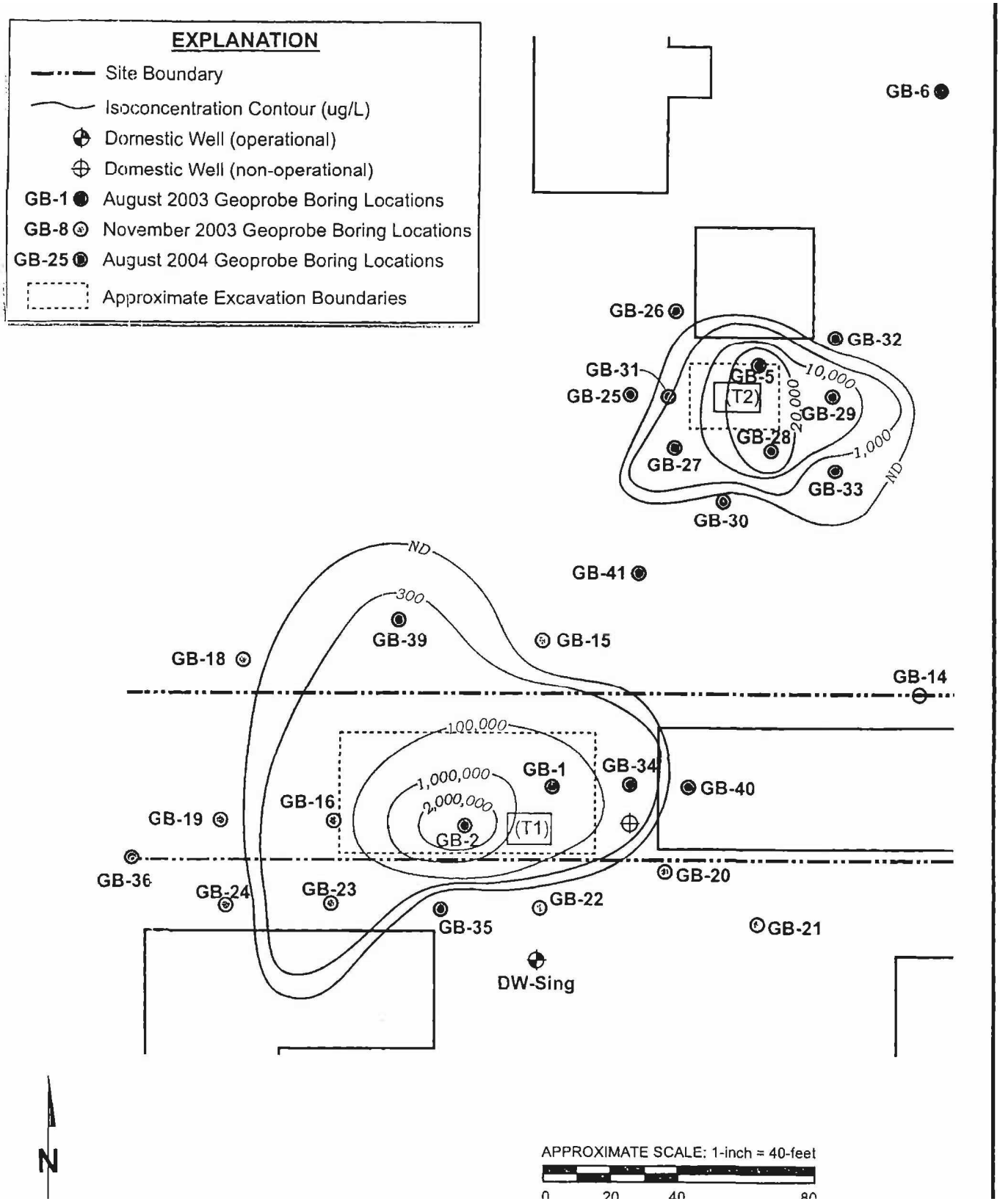
County Files

GENERALIZED SITE PLAN BORING LOCATIONS

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 2A



GENERALIZED SITE PLAN—LIMITS OF CONTAMINATION

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

North
County Files

LUSH GEOSCIENCES, INC.

FIGURE 2B

North

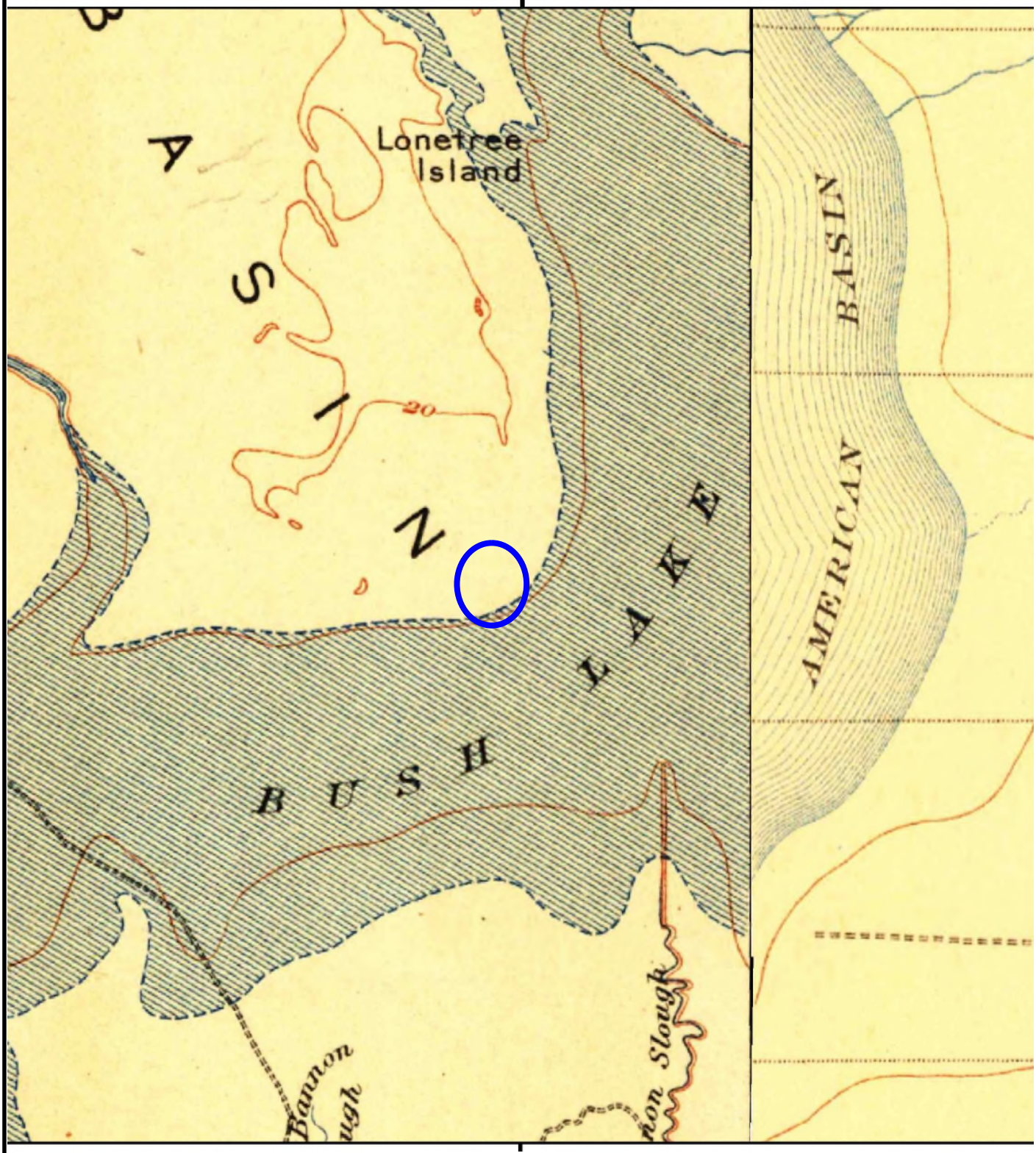
Sacramento County Assessor 2025

ASSESSORS PARCEL MAP

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 3



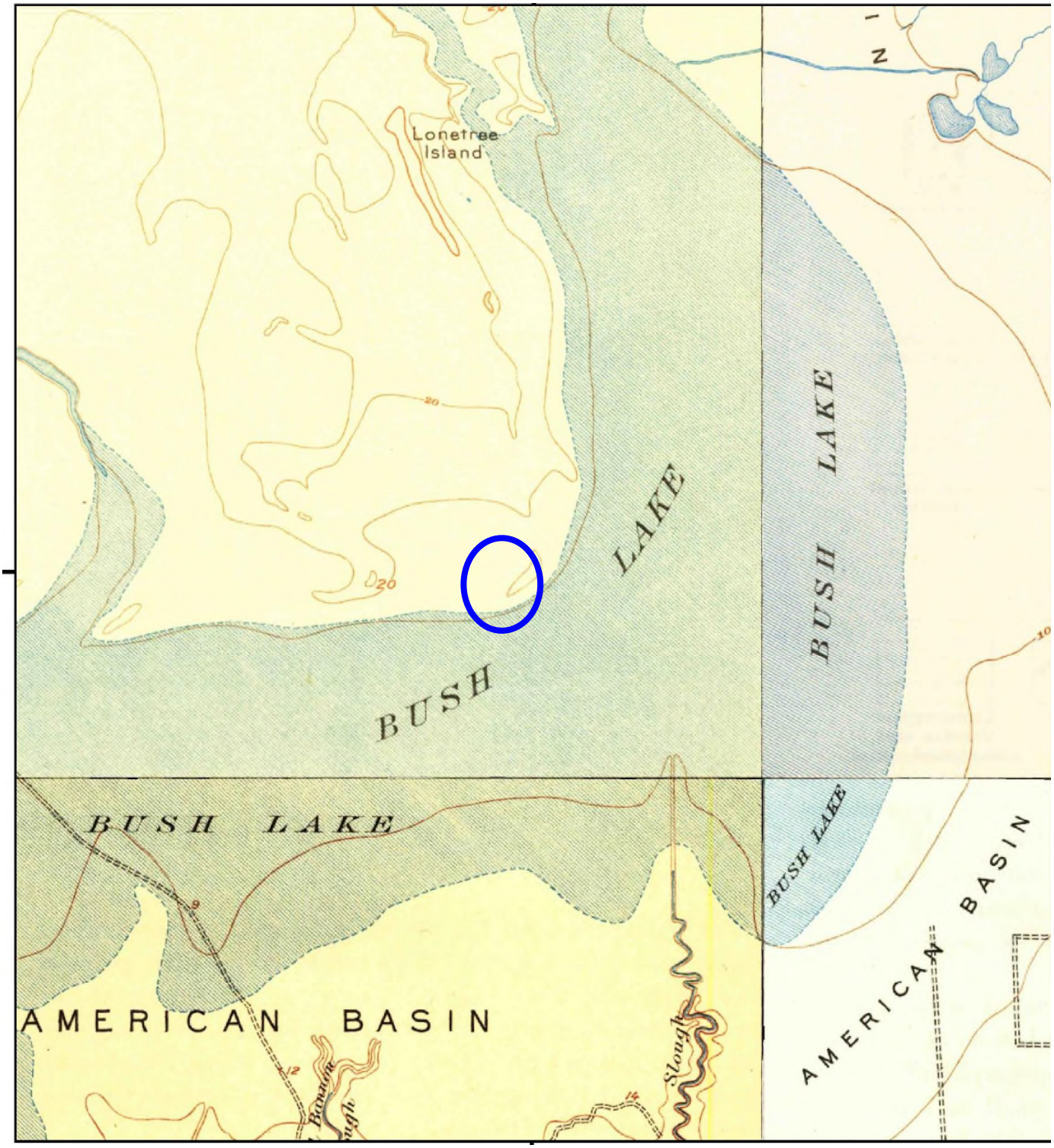
North

USGS 1907

TOPOGRAPHIC MAP OF SITE IN 1907
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 4



North

USGS 1915

TOPOGRAPHIC MAP OF SITE IN 1915
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 5

North

EDR 1937

AERIAL PHOTO OF SITE IN 1937

MACHADO PROPERTY
3600 AIRPORT ROAD
8101 ELDER CREEK ROAD

LUSH GEOSCIENCES, INC.

FIGURE 6

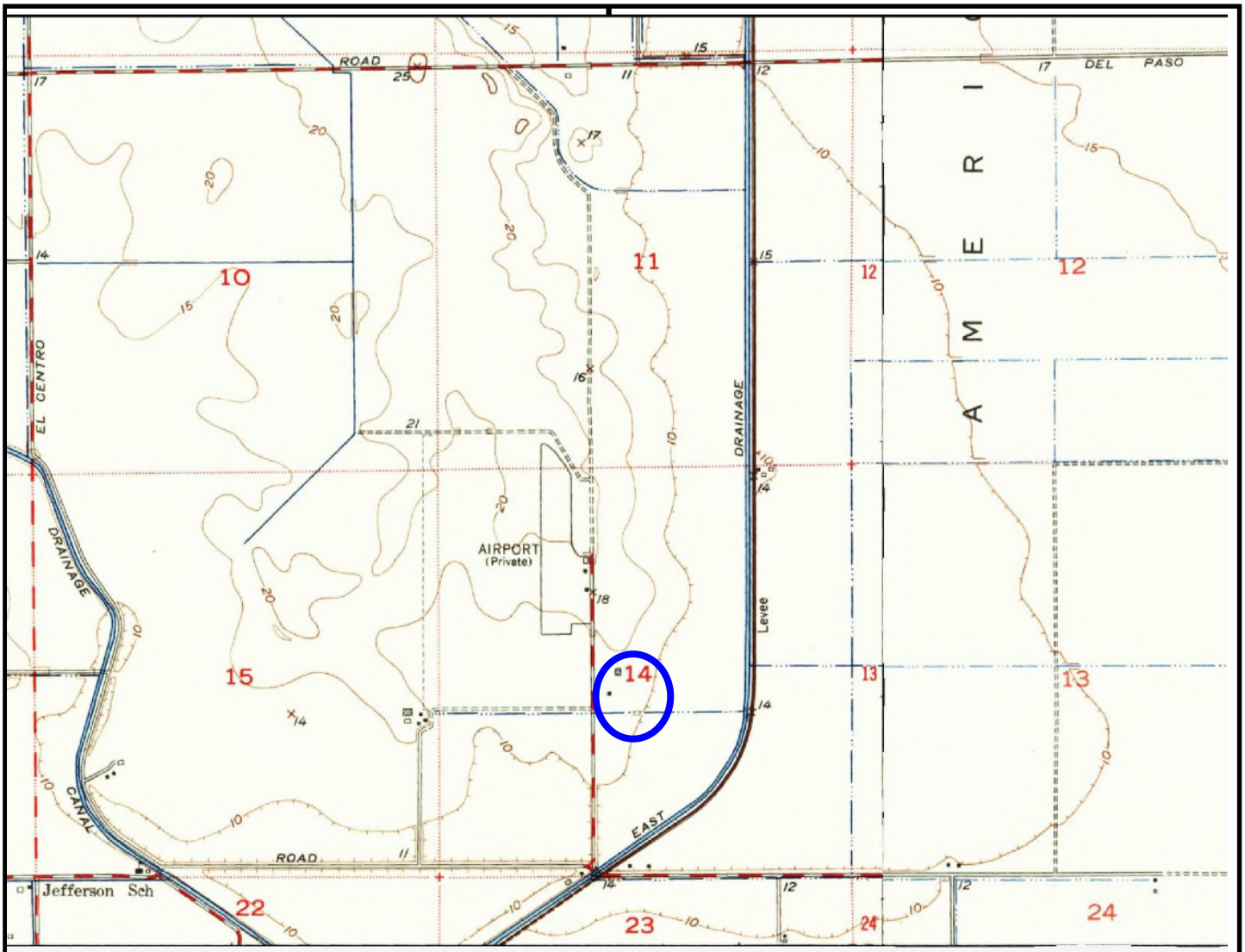
North

EDR 1947

AERIAL PHOTO OF SITE IN 1947
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 7



North

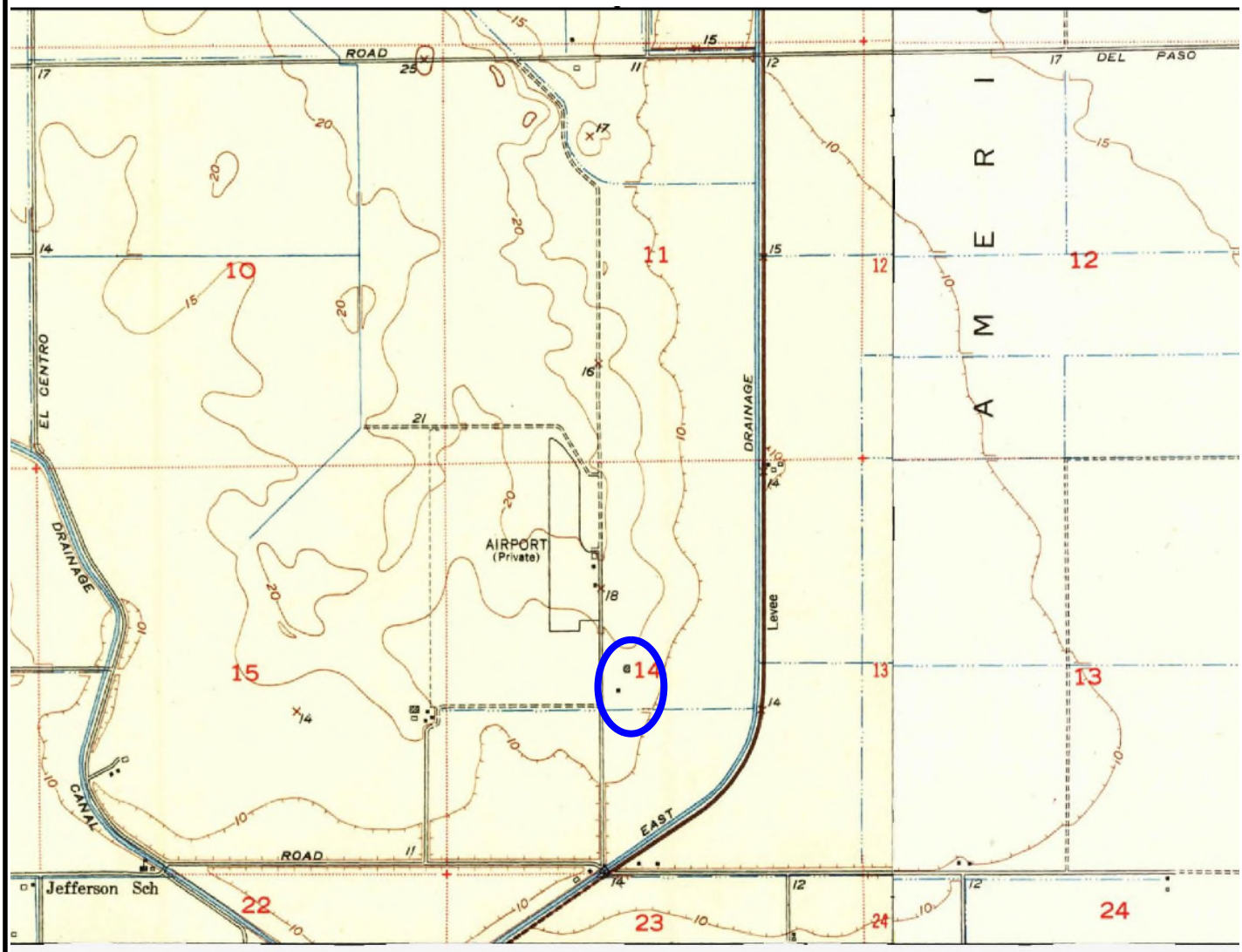
USGS 1950

TOPOGRAPHIC MAP OF SITE IN 1950

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 8



North

USGS 1951

TOPOGRAPHIC MAP OF SITE IN 1951

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 9

North

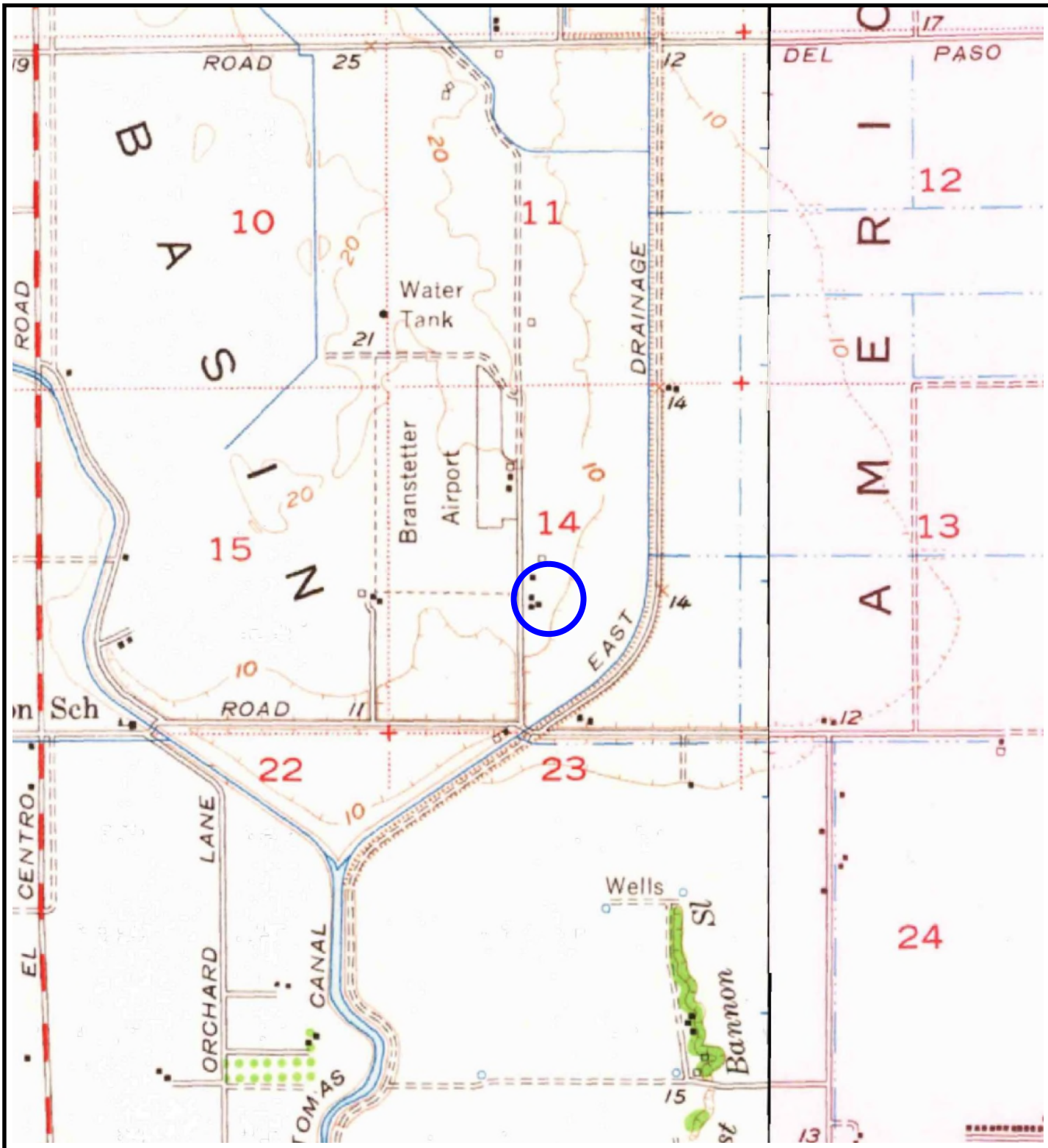
EDR 1953

AERIAL PHOTO OF SITE IN 1953

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 10



North

USGS 1954

TOPOGRAPHIC MAP OF SITE IN 1954
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 11

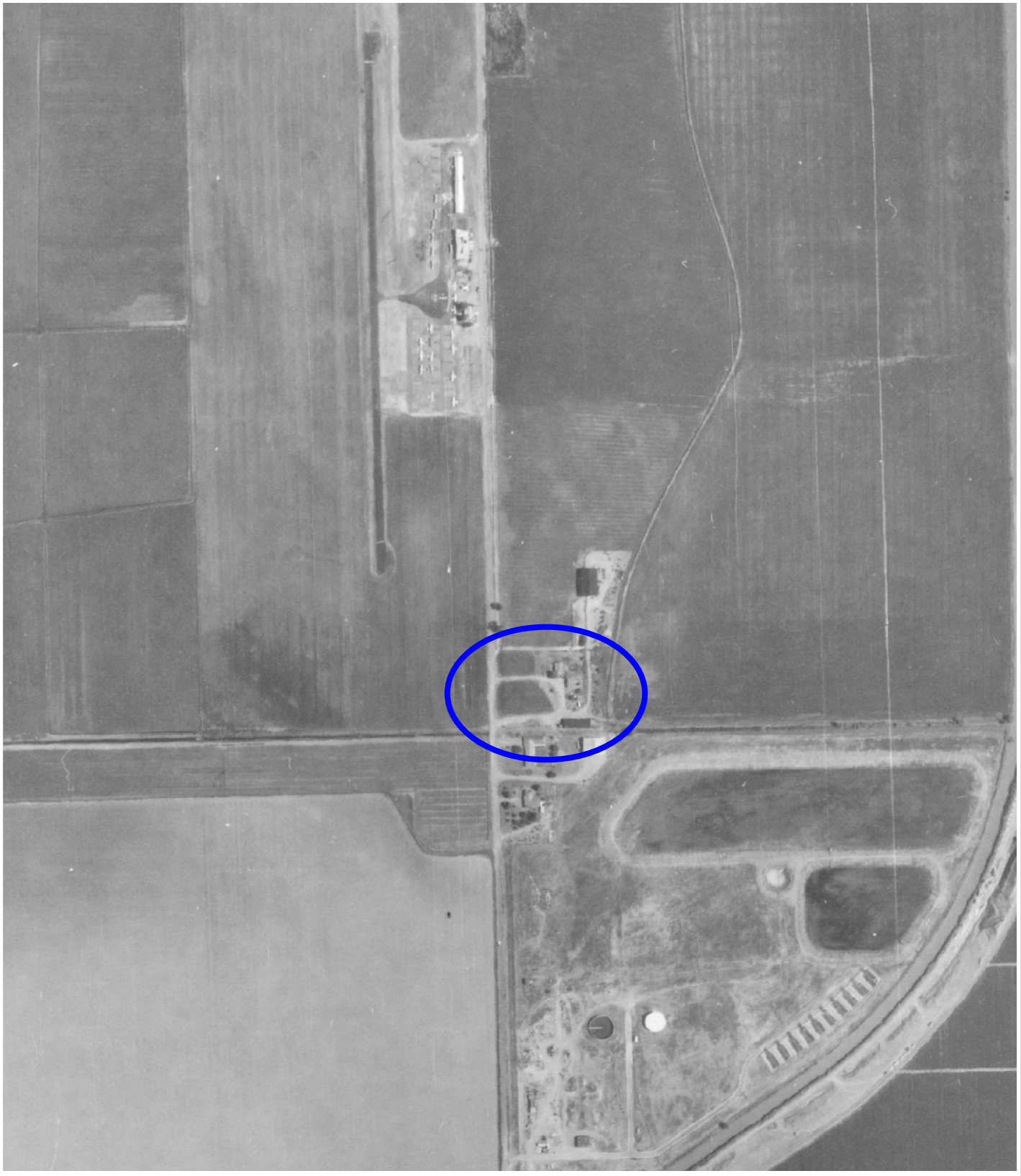
North

EDR 1957

AERIAL PHOTO OF SITE IN 1957
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 12



North

EDR 1964

AERIAL PHOTO OF SITE IN 1964
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 13

North

EDR 1966

AERIAL PHOTO OF SITE IN 1966
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 14

USGS 1967

North

TOPOGRAPHIC MAP OF SITE IN 1967

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 15

North

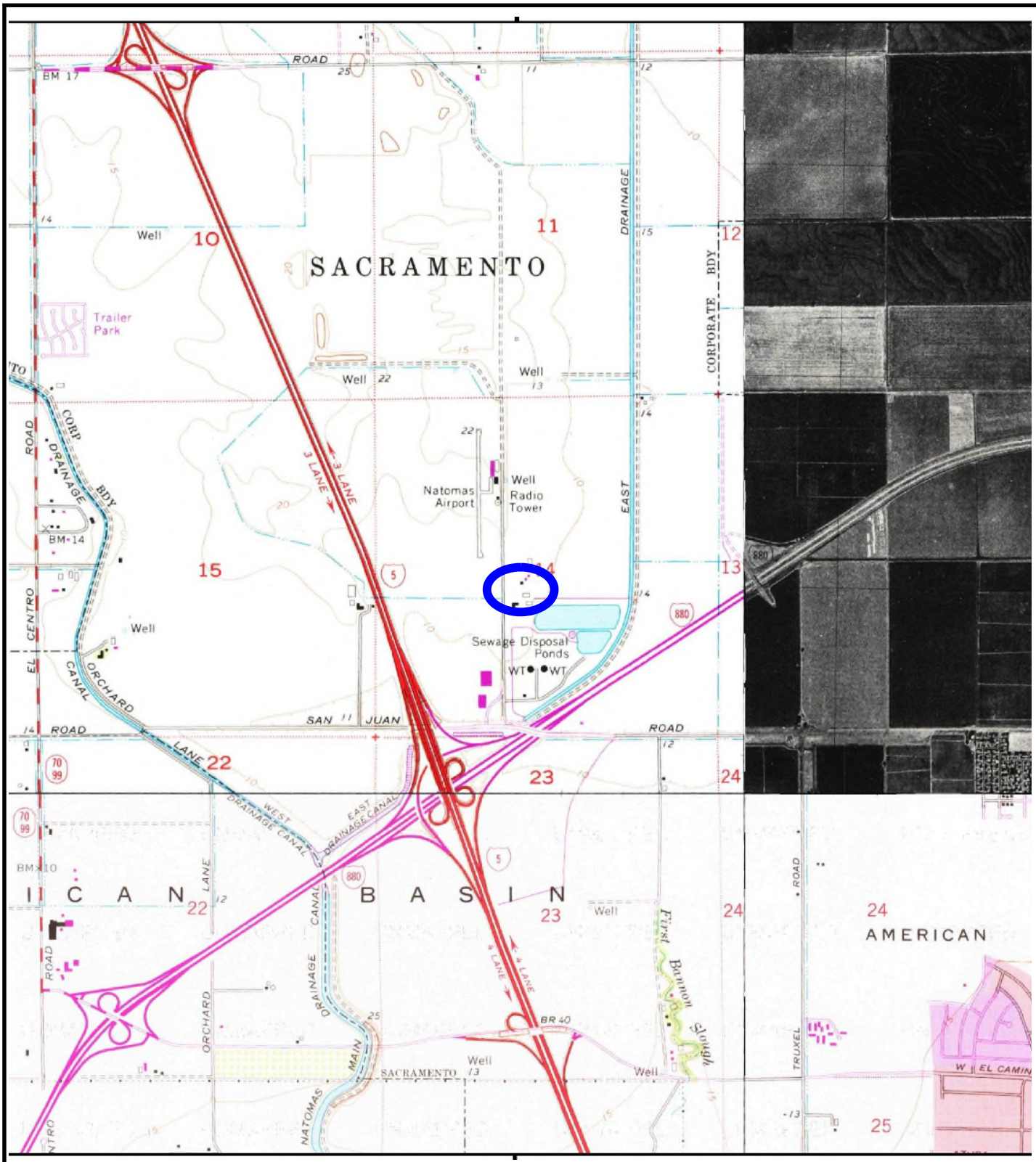
EDR 1972

AERIAL PHOTO OF SITE IN 1972

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 16



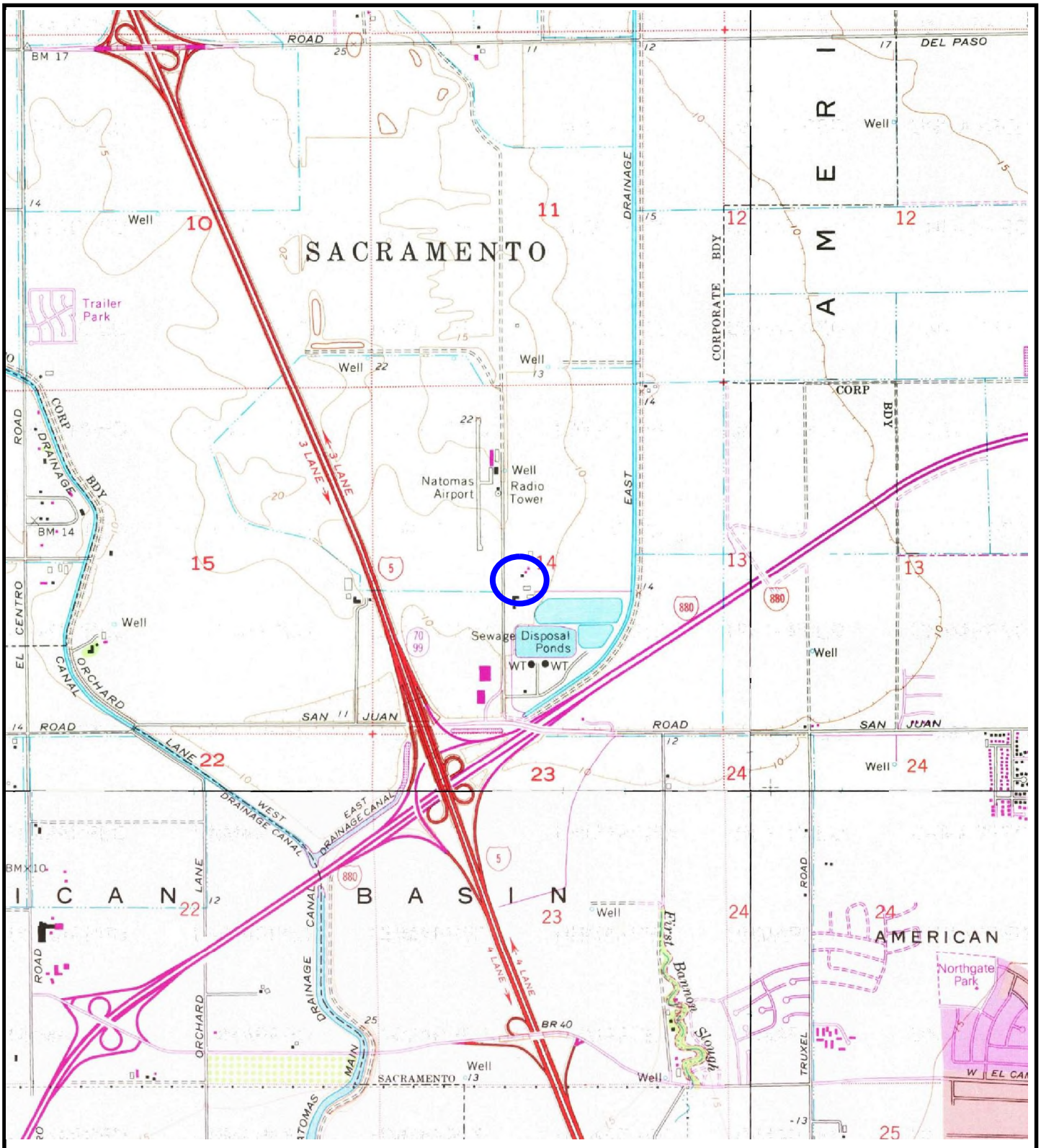
North

USGS 1975

TOPOGRAPHIC MAP OF SITE IN 1975
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 17



North

USGS 1980

TOPOGRAPHIC MAP OF SITE IN 1980

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 18

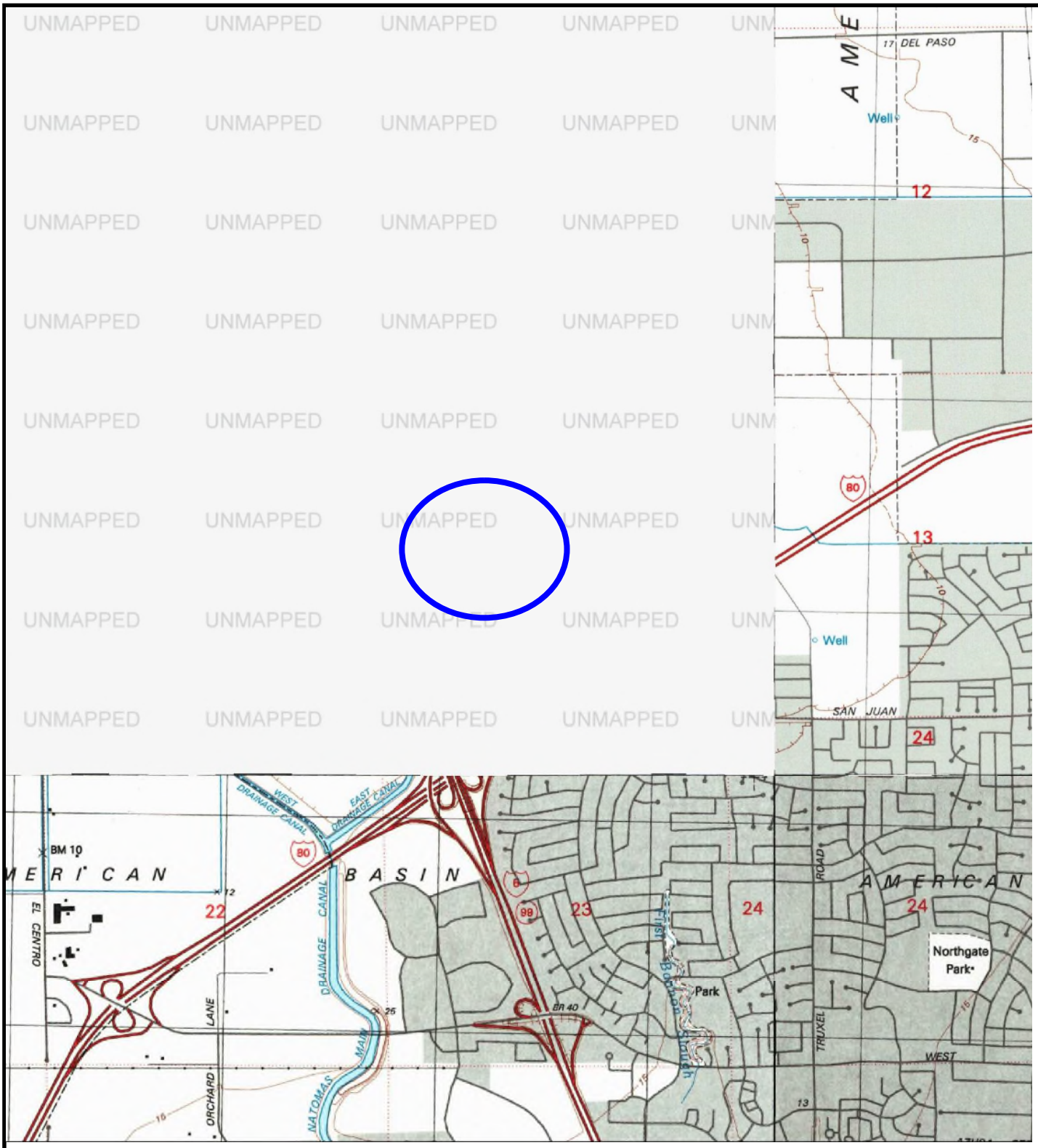
North

EDR 1984

AERIAL PHOTO OF SITE IN 1984
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 19



North

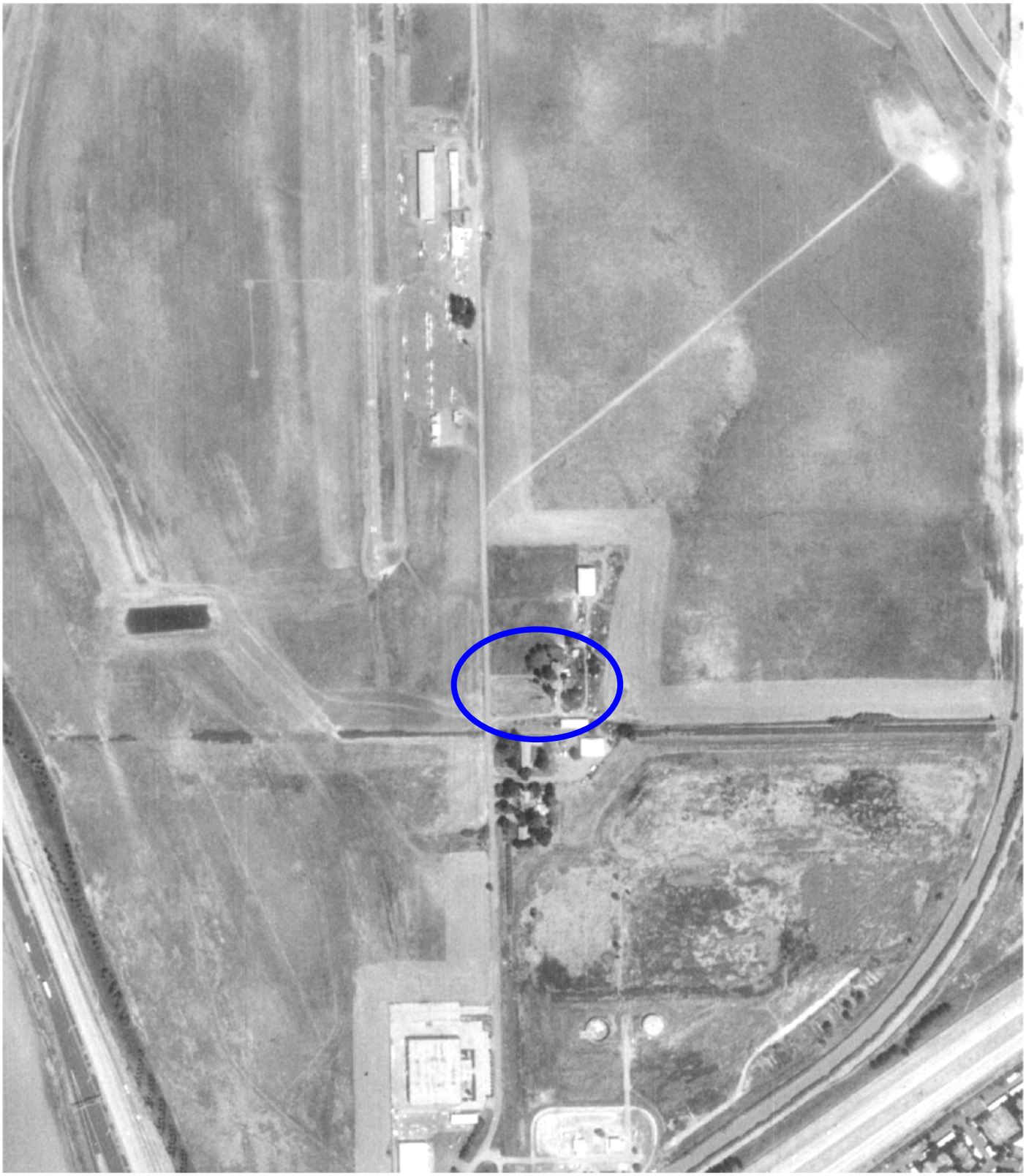
USGS 1992

TOPOGRAPHIC MAP OF SITE IN 1992

HAYNES PROPERTY
8101 ELDER CREEK ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 20



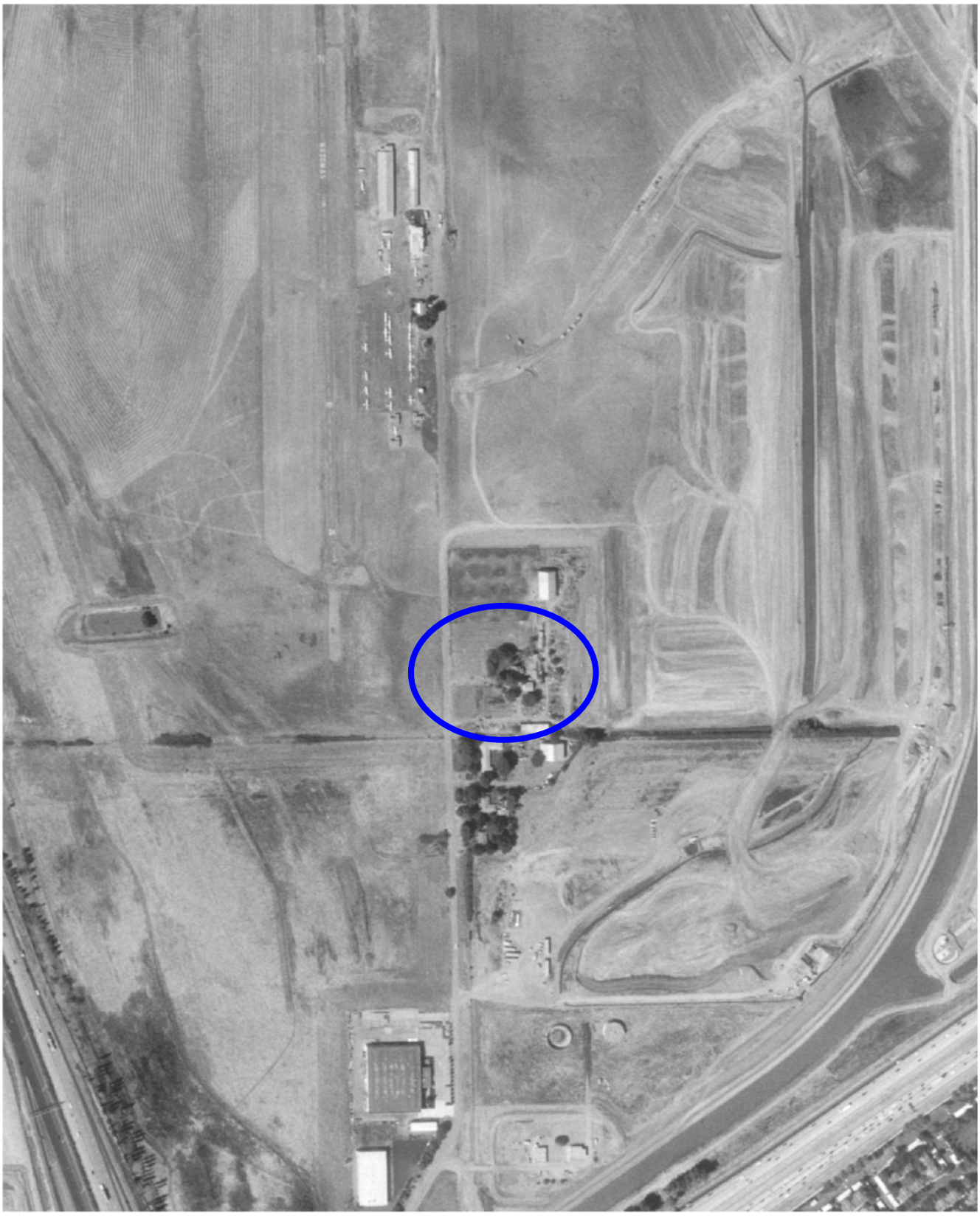
North

EDR 1993

AERIAL PHOTO OF SITE IN 1993
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 21



North

EDR 1998

AERIAL PHOTO OF SITE IN 1998
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 22

North

EDR 2006

AERIAL PHOTO OF SITE IN 2006
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 23

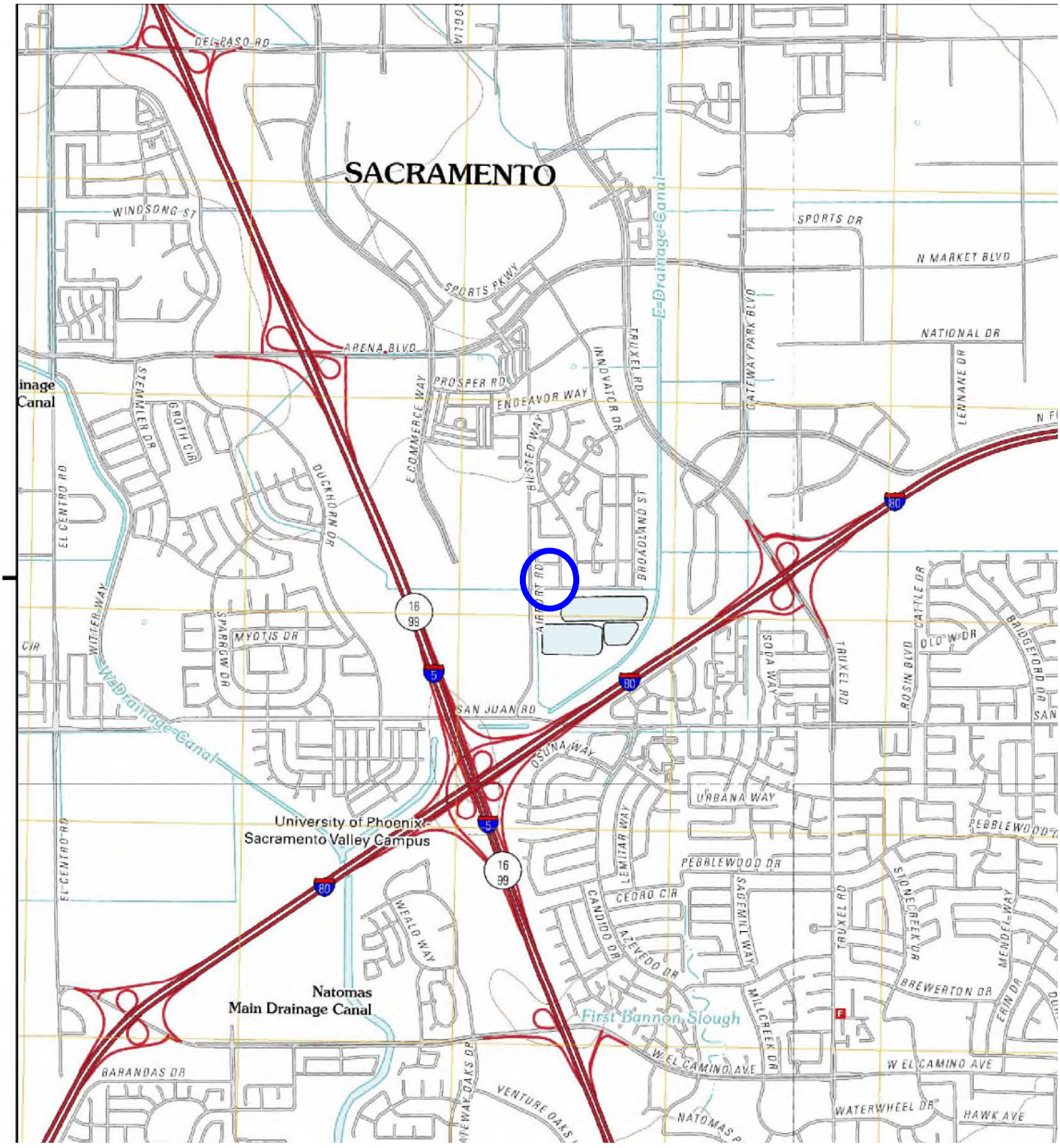
North

EDR 2009

AERIAL PHOTO OF SITE IN 2009
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 24



USGS 2012

North

TOPOGRAPHIC MAP OF SITE IN 2012

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 25

North

EDR 2012

AERIAL PHOTO OF SITE IN 2012

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 28

North

USGS 2015

TOPOGRAPHIC MAP OF SITE IN 2015

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE

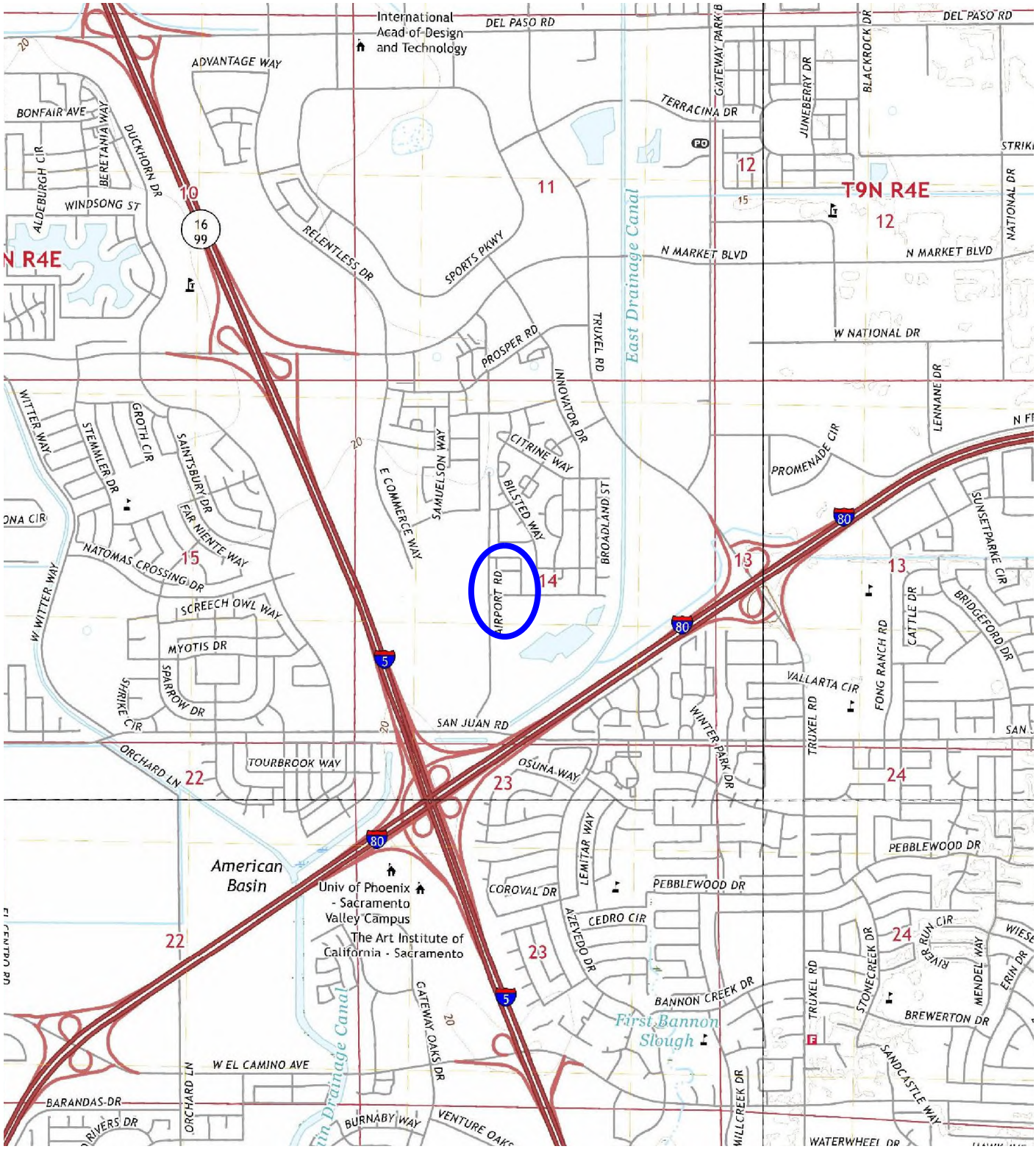
North

EDR 2016

AERIAL PHOTO OF SITE IN 2016
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 28



North

USGS 2018

TOPOGRAPHIC MAP OF SITE IN 2018

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 29

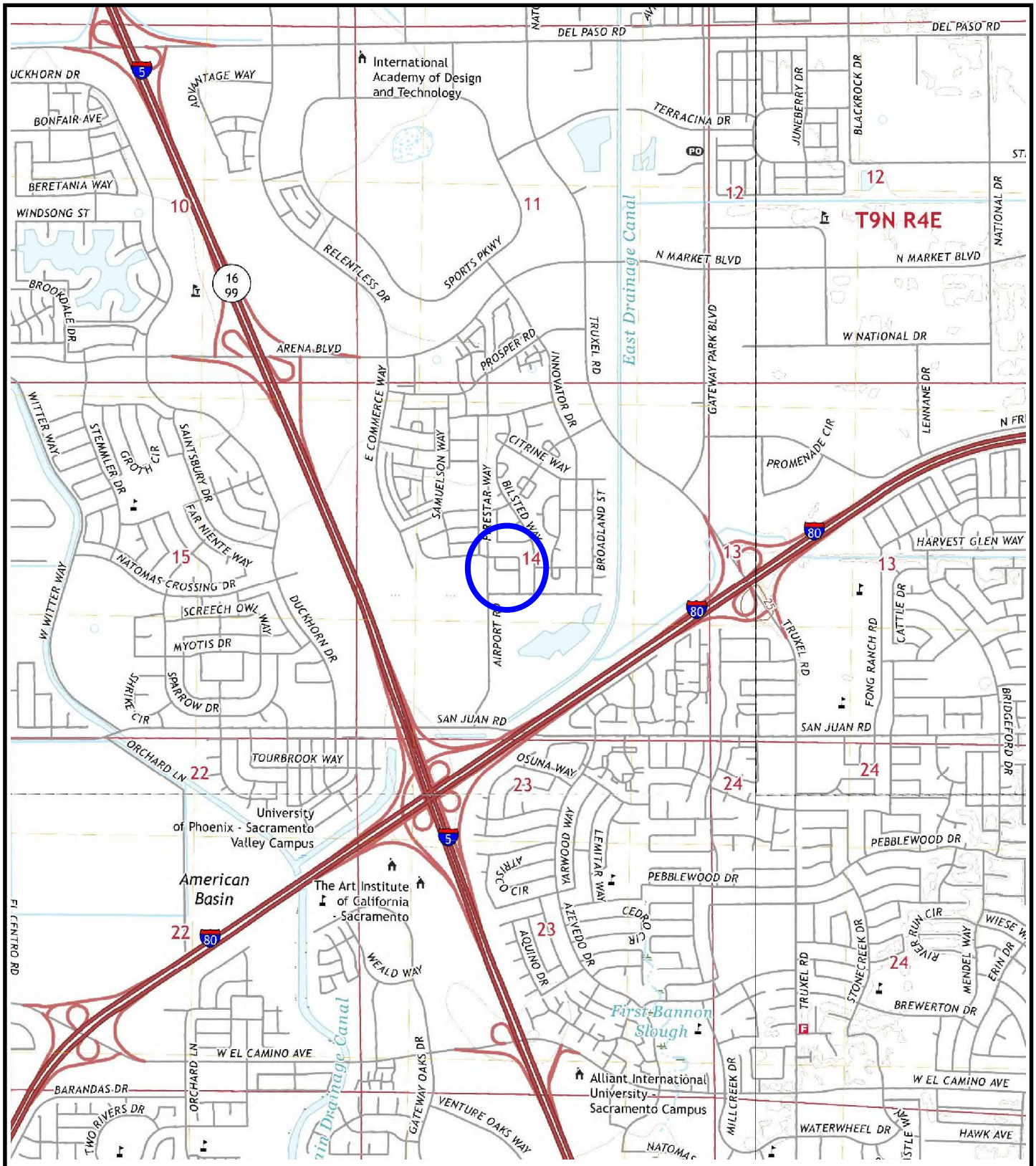
North

Google Earth 2020

AERIAL PHOTO OF SITE IN 2020
HAYNES PROPERTY
8101 ELDER CREEK ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 30



North

USGS 2021

TOPOGRAPHIC MAP OF SITE IN 2021

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 31

North

Google Earth 2024

AERIAL PHOTO OF SITE IN 2024
MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CA

LUSH GEOSCIENCES, INC.

FIGURE 32

APPENDIX A
SITE PHOTOS

Northwest corner from south to north, residences adjacent to north of Site.

Noth edge of Site from west to east.

Northern portion of Site from west to east.

Site from northwest to southeast.

West edge of Site from north to south.

West edge of Site and residences adjacent to west.

Shed interior, empty drums

Empty drums, shed interior.

West edge of Site from south to north.

Central portion of Site from south to north.

Eastern portion of Site from south to north.

East edge of Site from south to north.

Site garage.

Transite (asbestos) siding typical of that on residence and garage.

Site residence and adjacent residences to north.

Northeast corner of Site and residences adjacent to north and east.

East edge pf Site from north to south.

Residence interior.

Residence interior.

Residence interior.

Residence interior.

Residence interior.

South edge of Site from west to east.

South edge of Site from east to west.

Site from southeast to northwest.

Transformer at southeast corner of Site.

Residences adjacent to west.

Residences adjacent to north of Site.

Residences west of southern portion of Site.

Residence south of Site.

APPENDIX B
EDR REPORTS

APPENDIX B-1
EDR RADIUS SUMMARY REPORT

3600 Airport Road
3600 Airport Road
SACRAMENTO, CA 95834

Inquiry Number: 7902313.2s
February 18, 2025

EDR Summary Radius Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3600 AIRPORT ROAD
SACRAMENTO, CA 95834

COORDINATES

Latitude (North):	38.6336570 - 38° 38' 1.16''
Longitude (West):	121.5134380 - 121° 30' 48.37''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	629391.7
UTM Y (Meters):	4276965.5
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	U.S. Geological Survey
Target Property:	NE
Source:	U.S. Geological Survey
Target Property:	SE
Source:	U.S. Geological Survey
Target Property:	SW
Source:	U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200617
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
3600 AIRPORT ROAD
SACRAMENTO, CA 95834

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	FRANK MACHADO	3600 AIRPORT RD	HWTS		TP
A2	MACHADO TRUST	3600 AIRPORT RD	Sacramento Co. CS		TP
A3	OLGA MACHADO TRUST	3600 AIRPORT RD	HWTS, HAZNET		TP
A4	MACHADO RESIDENCE	3600 AIRPORT ROAD	LUST		TP
A5	OLGA MACHADO TRUST	3600 AIRPORT RD	HWTS, HAZNET		TP
A6	MACHADO RESIDENCE	3600 AIRPORT ROAD	RGA LUST		TP
A7	PRIVATE RESIDENCE	PRIVATE RESIDENCE	LUST	Lower	104, 0.020, East
8	VALERO GAS STATION	3607 BILSTED WAY	EDR Hist Auto	Lower	437, 0.083, East
B9	SACRAMENTO AERO SERV	3801 AIRPORT RD	UST	Higher	850, 0.161, NNW
B10	NATOMAS AIRPORT	3801 AIRPORT ROAD	SEMS-ARCHIVE, RCRA-LQG, ENVIROSTOR, LUST,...	Higher	850, 0.161, NNW
B11	SACRAMENTO AERO SERV	3801 AIRPORT RD	Sacramento Co. ML	Higher	850, 0.161, NNW
B12	SACRAMENTO AERO SERV	3801 AIRPORT RD	UST FINDER RELEASE	Higher	850, 0.161, NNW
B13	NATOMAS AIRPORT	3801 AIRPORT RD	CPS-SLIC, SWEEPS UST, HIST UST, CA FID UST, NPDES,...	Higher	850, 0.161, NNW
14	NATOMAS AIRPORT		PFAS ECHO	Higher	1065, 0.202, North
C15	ELIXIR INDUSTRIES	3321 AIRPORT RD	UST FINDER RELEASE	Lower	1889, 0.358, SSW
C16	ELIXIR INDUSTRIES	3321 AIRPORT	LUST, Sacramento Co. CS, HIST CORTESE	Lower	1889, 0.358, SSW
C17	ELIXIR INDUSTRIES	3321 AIRPORT RD	LUST, HIST UST, Cortese, CERS	Lower	1889, 0.358, SSW
18	NATOMAS CROSSING	ENDEAVOR WAY/AIRPORT	ENVIROSTOR, SCH	Higher	2544, 0.482, North
19	FUTURE K-8 SITE AT T	3949 TRUXEL ROAD	ENVIROSTOR, SCH	Lower	2781, 0.527, NE
20	SMUD PCB SUBSTATION	TRUXEL ROAD AND SAN	ENVIROSTOR	Lower	4976, 0.942, ESE
21	WITTER RANCH ELEMENT	STEMMLER DRIVE/POPPY	ENVIROSTOR, SCH	Higher	5137, 0.973, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
FRANK MACHADO 3600 AIRPORT RD SACRAMENTO, CA 95834	HWTS	N/A
MACHADO TRUST 3600 AIRPORT RD SACRAMENTO, CA	Sacramento Co. CS Facility Id: RO0001530	N/A
OLGA MACHADO TRUST 3600 AIRPORT RD SACRAMENTO, CA 95834	HWTS HAZNET GEPAID: CAC002581675	N/A
MACHADO RESIDENCE 3600 AIRPORT ROAD SACRAMENTO, CA 95834	LUST Database: LUST REG 5, Date of Government Version: 07/01/2008 Status: Leak being confirmed	N/A
OLGA MACHADO TRUST 3600 AIRPORT RD SACRAMENTO, CA 95834	HWTS HAZNET GEPAID: CAC002645380	N/A
MACHADO RESIDENCE 3600 AIRPORT ROAD SACRAMENTO, CA	RGA LUST	N/A

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/19/2024 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***10***

Lists of Federal RCRA generators

RCRA-LQG: A review of the RCRA-LQG list, as provided by EDR, and dated 09/16/2024 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT EPA ID:: CAD981425242	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***10***

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: A review of the ENVIROSTOR list, as provided by EDR, and dated 10/21/2024 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT Facility Id: 34450010 Status: Refer: RWQCB	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***10***
NATOMAS CROSSING Facility Id: 34010018 Status: No Further Action	***ENDEAVOR WAY/AIRPORT***	***N 1/4 - 1/2 (0.482 mi.)***	***18***	***13***
WITTER RANCH ELEMENT Facility Id: 34010013 Status: No Action Required	***STEMMLER DRIVE/POPPY***	***W 1/2 - 1 (0.973 mi.)***	***21***	***14***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FUTURE K-8 SITE AT T Facility Id: 60002414 Status: Inactive - Withdrawn	***3949 TRUXEL ROAD***	***NE 1/2 - 1 (0.527 mi.)***	***19***	***14***
SMUD PCB SUBSTATION Facility Id: 34490053 Status: Inactive - Needs Evaluation	TRUXEL ROAD AND SAN	ESE 1/2 - 1 (0.942 mi.)	20	14

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

LUST: A review of the LUST list, as provided by EDR, has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***10***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 08/28/2024				
Status: Completed - Case Closed				
Status: Remedial action (cleanup) Underway				
Global Id: T0606700952				

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRIVATE RESIDENCE	PRIVATE RESIDENCE	E 0 - 1/8 (0.020 mi.)	A7	10
Database: LUST, Date of Government Version: 08/28/2024				
Status: Completed - Case Closed				
Global Id: T0606727901				
ELIXIR INDUSTRIES	***3321 AIRPORT***	***SSW 1/4 - 1/2 (0.358 mi.)***	***C16***	***13***
Database: LUST, Date of Government Version: 08/28/2024				
Status: Completed - Case Closed				
Global Id: T0606700172				
ELIXIR INDUSTRIES	***3321 AIRPORT RD***	***SSW 1/4 - 1/2 (0.358 mi.)***	***C17***	***13***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Status: Case Closed				

CPS-SLIC: A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***10***
Database: CPS-SLIC, Date of Government Version: 08/28/2024				
Global Id: SL186443614				
Global Id: SL186373608				
Global Id: SL186463790				
Facility Status: Open - Assessment & Interim Remedial Action				
Facility Status: Completed - Case Closed				
NATOMAS AIRPORT	***3801 AIRPORT RD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B13***	***12***
Database: SLIC REG 5, Date of Government Version: 04/01/2005				

Sacramento Co. CS: A review of the Sacramento Co. CS list, as provided by EDR, and dated 11/07/2022 has revealed that there are 2 Sacramento Co. CS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***10***

Facility Id: RO0000161

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELIXIR INDUSTRIES	***3321 AIRPORT***	***SSW 1/4 - 1/2 (0.358 mi.)***	***C16***	***13***
Facility Id: RO0000160 Date Closed: 04/12/2001				

Lists of state and tribal registered storage tanks

UST: A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SACRAMENTO AERO SERV	3801 AIRPORT RD	NNW 1/8 - 1/4 (0.161 mi.)	B9	10
Database: UST, Date of Government Version: 08/28/2024 Facility Id: FA0008312				

Lists of state and tribal voluntary cleanup sites

VCP: A review of the VCP list, as provided by EDR, and dated 10/21/2024 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***10***
Status: Refer: RWQCB Facility Id: 34450010				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

SWEEPS UST: A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT RD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B13***	***12***
Status: A Tank Status: A Comp Number: 43419				

EXECUTIVE SUMMARY

HIST UST: A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT Facility Id: 00000043419	***3801 AIRPORT RD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B13***	***12***

CA FID UST: A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT Facility Id: 34000178 Status: A	***3801 AIRPORT RD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B13***	***12***

Other Ascertainable Records

PFAS ECHO: A review of the PFAS ECHO list, as provided by EDR, and dated 12/30/2024 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT		N 1/8 - 1/4 (0.202 mi.)	14	12

UST FINDER RELEASE: A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 2 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SACRAMENTO AERO SERV	3801 AIRPORT RD	NNW 1/8 - 1/4 (0.161 mi.)	B12	12
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
ELIXIR INDUSTRIES	3321 AIRPORT RD	SSW 1/4 - 1/2 (0.358 mi.)	C15	12

AQUEOUS FOAM: A review of the AQUEOUS FOAM list, as provided by EDR, and dated 08/28/2024 has revealed that there is 1 AQUEOUS FOAM site within approximately 0.25 miles of the target property. target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***10***

EXECUTIVE SUMMARY

Cortese: A review of the Cortese list, as provided by EDR, and dated 09/16/2024 has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***10***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELIXIR INDUSTRIES	***3321 AIRPORT RD***	***SSW 1/4 - 1/2 (0.358 mi.)***	***C17***	***13***
Cleanup Status: COMPLETED - CASE CLOSED				

HIST CORTESE: A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property. target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***10***
Reg Id: 34450010				
Reg Id: 341127				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELIXIR INDUSTRIES	***3321 AIRPORT***	***SSW 1/4 - 1/2 (0.358 mi.)***	***C16***	***13***
Reg Id: 340227				

Sacramento Co. ML: A review of the Sacramento Co. ML list, as provided by EDR, and dated 11/07/2022 has revealed that there is 1 Sacramento Co. ML site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SACRAMENTO AERO SERV	3801 AIRPORT RD	NNW 1/8 - 1/4 (0.161 mi.)	B11	11
Facility Status: Inactive. Included on a listing no longer updated.				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

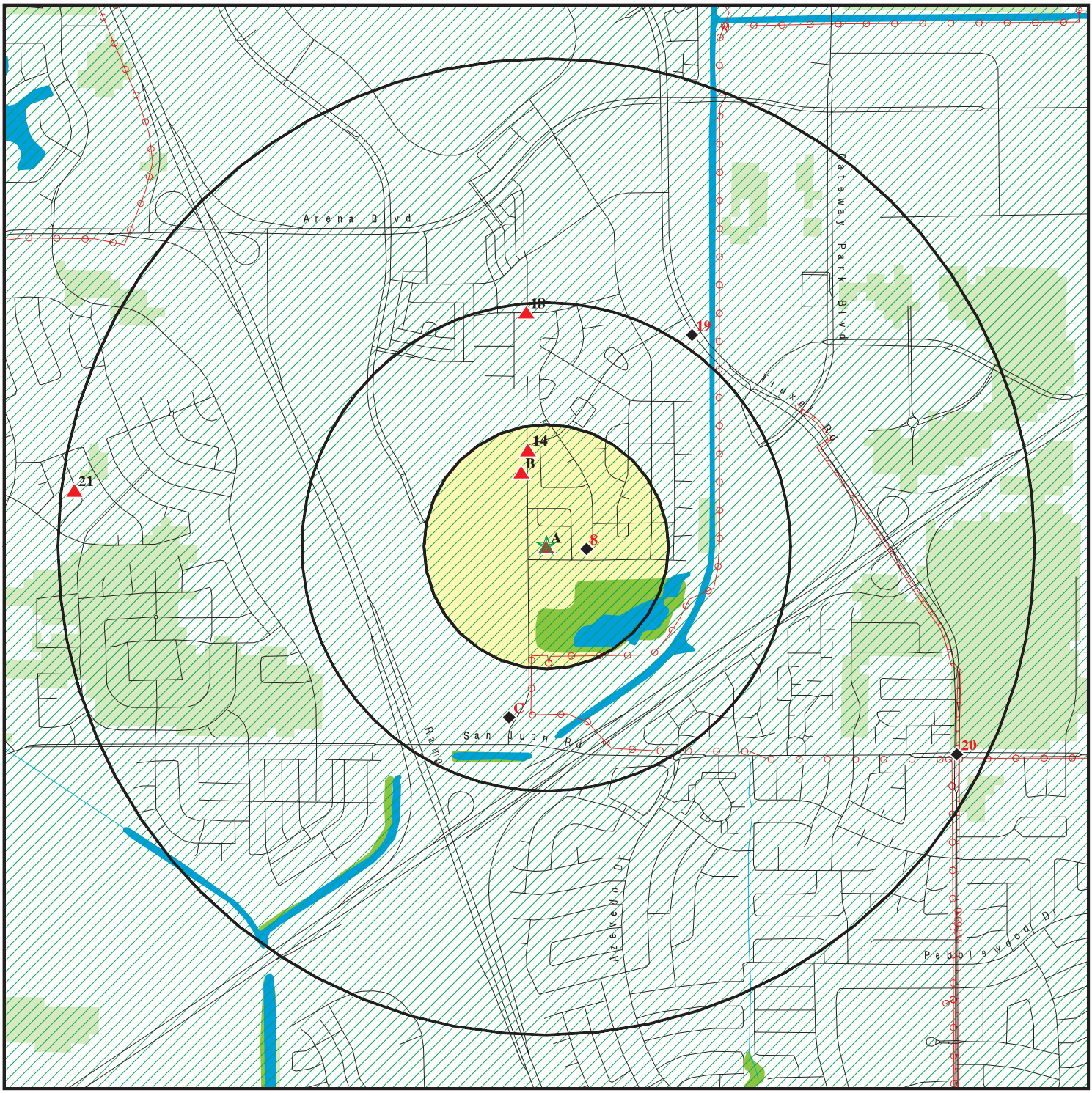
EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
VALERO GAS STATION	3607 BILSTED WAY	E 0 - 1/8 (0.083 mi.)	8	10

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SACRAMENTO	S106782284	CITY OF SACRAMENTO	I-5 AT SAN JUAN AVE		Sacramento Co. CS

OVERVIEW MAP - 7902313.2S



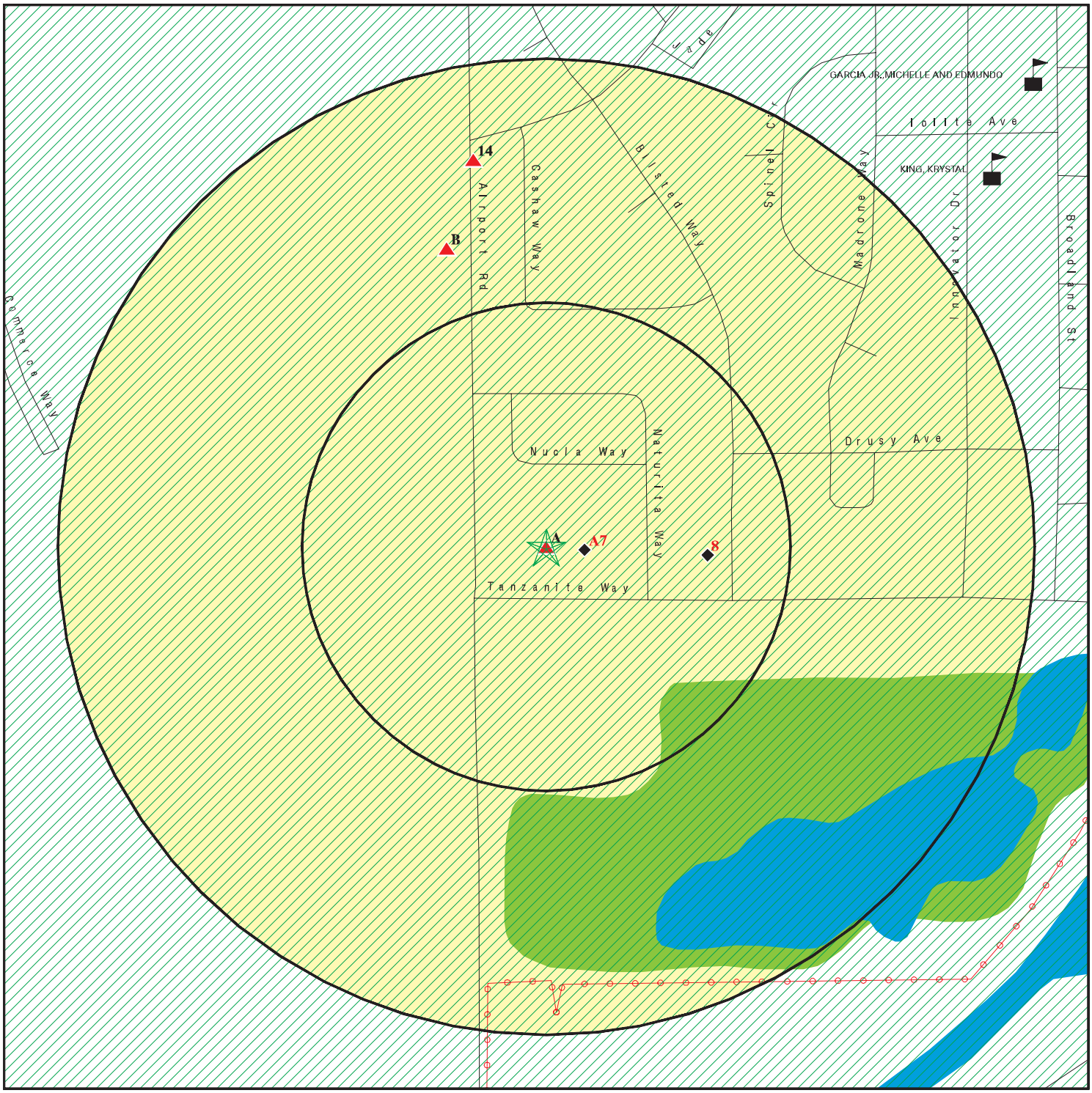
0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 3600 Airport Road ADDRESS: 3600 Airport Road SACRAMENTO CA 95834 LAT/LONG: 38.633657 / 121.513438	CLIENT: Kim Lush CONTACT: Andrew Lush INQUIRY #: 7902313.2s DATE: February 18, 2025 8:15 pm

DETAIL MAP - 7902313.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 3600 Airport Road	CLIENT: Kim Lush
ADDRESS: 3600 Airport Road SACRAMENTO CA 95834	CONTACT: Andrew Lush
LAT/LONG: 38.633657 / 121.513438	INQUIRY #: 7902313.2s DATE: February 18, 2025 8:20 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	1	0	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	1	1	3	NR	5
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500	1	1	1	2	NR	NR	5
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	2	0	NR	NR	2
Sacramento Co. CS	0.500	1	0	1	1	NR	NR	3
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	1	0	NR	NR	1
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		0	1	NR	NR	NR	1
CERS TANKS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	1	NR	NR	NR	1
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	1	1	NR	NR	2
UST FINDER	0.250		0	0	NR	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	1	NR	NR	NR	1
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	1	1	NR	NR	2
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	1	NR	NR	2
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	TP	3	NR	NR	NR	NR	NR	3
HAZNET	TP	2	NR	NR	NR	NR	NR	2
MINES	0.250		0	0	NR	NR	NR	0
Sacramento Co. ML	0.250		0	1	NR	NR	NR	1
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	1	NR	NR	NR	NR	NR	1
- Totals --		8	2	18	7	3	0	38

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
A1 **Target Property**	**FRANK MACHADO** **3600 AIRPORT RD** **SACRAMENTO, CA 95834**	**HWTS**	**S124576540** **N/A**
Actual: 14 ft.	**Click here for full text details**		
A2 **Target Property**	**MACHADO TRUST** **3600 AIRPORT RD** **SACRAMENTO, CA**	**Sacramento Co. CS**	**S108215400** **N/A**
Actual: 14 ft.	**Click here for full text details** **Sacramento Co. CS** Facility Id RO0001530		
A3 **Target Property**	**OLGA MACHADO TRUST** **3600 AIRPORT RD** **SACRAMENTO, CA 95834**	**HWTS** **HAZNET**	**S112940161** **N/A**
Actual: 14 ft.	**Click here for full text details** **HAZNET** GEPAID CAC002581675		
A4 **Target Property**	**MACHADO RESIDENCE** **3600 AIRPORT ROAD** **SACRAMENTO, CA 95834**	**LUST**	**S106127593** **N/A**
Actual: 14 ft.	**Click here for full text details** **LUST** Status Leak being confirmed		
A5 **Target Property**	**OLGA MACHADO TRUST** **3600 AIRPORT RD** **SACRAMENTO, CA 95834**	**HWTS** **HAZNET**	**S112979839** **N/A**
Actual: 14 ft.	**Click here for full text details** **HAZNET** GEPAID CAC002645380		

A6
Target Property
Actual: 14 ft.

MACHADO RESIDENCE
3600 AIRPORT ROAD
SACRAMENTO, CA

Click here for full text details

RGA LUST **S114646439**
N/A

A7
East
< 1/8
0.020 mi.
104 ft.

Relative: Lower

PRIVATE RESIDENCE
PRIVATE RESIDENCE
SACRAMENTO, CA 95834

Click here for full text details

LUST
Status Completed - Case Closed
Global Id T0606727901

LUST **S110654985**
N/A

8
East
< 1/8
0.083 mi.
437 ft.

Relative: Lower

VALERO GAS STATION
3607 BILSTED WAY
SACRAMENTO, CA 95834

Click here for full text details

EDR Hist Auto **1022135605**
N/A

B9
NNW
1/8-1/4
0.161 mi.
850 ft.

Relative: Higher

SACRAMENTO AERO SERVICES
3801 AIRPORT RD
SACRAMENTO, CA 95834

Click here for full text details

UST
Facility Id FA0008312

UST **U003786723**
N/A

B10
NNW
1/8-1/4
0.161 mi.
850 ft.

Relative: Higher

NATOMAS AIRPORT
3801 AIRPORT ROAD
SACRAMENTO, CA 95834

Click here for full text details

SEMS-ARCHIVE **1000904832**
RCRA-LQG **CAD981425242**
ENVIROSTOR
LUST
CPS-SLIC
Sacramento Co. CS
VCP
FINDS
ECHO
AQUEOUS FOAM
Cortese
HIST CORTESE
CERS

RCRA-LQG
EPA Id CAD981425242

NATOMAS AIRPORT (Continued) **1000904832**

ENVIROSTOR
Facility Id 34450010
Status Refer: RWQCB

LUST
Status Remedial action (cleanup) Underway
Status Completed - Case Closed
Global Id T0606700952

CPS-SLIC
Global Id SL186443614
Global Id SL186373608
Global Id SL186463790
Facility Status Open - Assessment & Interim Remedial Action
Facility Status Completed - Case Closed

Click here to access the California GeoTracker records for this facility

Sacramento Co. CS
Facility Id RO0000161

VCP
Facility Id 34450010
Status Refer: RWQCB

FINDS
Registry ID: 110002701381

ECHO
Registry ID 110002701381

Cortese
Cleanup Status COMPLETED - CASE CLOSED

HIST CORTESE
Reg Id 34450010
Reg Id 341127

B11 **SACRAMENTO AERO SERVICES** **Sacramento Co. ML** **S129165100**
NNW **3801 AIRPORT RD** **N/A**
1/8-1/4 **SACRAMENTO, CA 95834**
0.161 mi.
850 ft.

Relative:
Higher

Click here for full text details

Sacramento Co. ML
Facility Status Inactive. Included on a listing no longer updated.

B12
NNW
1/8-1/4
0.161 mi.
850 ft.

Relative:
Higher

SACRAMENTO AERO SERVICES, INC
3801 AIRPORT RD
SACRAMENTO, CA 95834

UST FINDER RELEASE

1029101063
N/A

Click here for full text details

B13
NNW
1/8-1/4
0.161 mi.
850 ft.

Relative:
Higher

NATOMAS AIRPORT
3801 AIRPORT RD
SACRAMENTO, CA 95834

CPS-SLIC
SWEEPS UST
HIST UST
CA FID UST
NPDES
CIWQS

1000334350
N/A

Click here for full text details

SWEEPS UST
Status A
Tank Status A
Comp Number 43419

HIST UST
Facility Id 00000043419

CA FID UST
Facility Id 34000178
Status A

14
North
1/8-1/4
0.202 mi.
1065 ft.

Relative:
Higher

NATOMAS AIRPORT
SACRAMENTO, CA

PFAS ECHO

1027391803
N/A

Click here for full text details

C15
SSW
1/4-1/2
0.358 mi.
1889 ft.

Relative:
Lower

ELIXIR INDUSTRIES
3321 AIRPORT RD
SACRAMENTO, CA 95834

UST FINDER RELEASE

1028952464
N/A

Click here for full text details

C16
SSW
1/4-1/2
0.358 mi.
1889 ft.

Relative:
Lower

ELIXIR INDUSTRIES
3321 AIRPORT
SACRAMENTO, CA 95834

LUST
Sacramento Co. CS
HIST CORTESE

S101332018
N/A

Click here for full text details

LUST
Status Completed - Case Closed
Global Id T0606700172

Sacramento Co. CS
Facility Id RO0000160
Date Closed 04/12/2001

HIST CORTESE
Reg Id 340227

C17
SSW
1/4-1/2
0.358 mi.
1889 ft.

Relative:
Lower

ELIXIR INDUSTRIES
3321 AIRPORT RD
SACRAMENTO, CA 95834

LUST
HIST UST
Cortese
CERS

U001615960
N/A

Click here for full text details

LUST
Status Case Closed

HIST UST
Facility Id 00000051921

Cortese
Cleanup Status COMPLETED - CASE CLOSED

18
North
1/4-1/2
0.482 mi.
2544 ft.

Relative:
Higher

NATOMAS CROSSING
ENDEAVOR WAY/AIRPORT ROAD
SACRAMENTO, CA 95834

ENVIROSTOR
SCH

S107736405
N/A

Click here for full text details

ENVIROSTOR
Facility Id 34010018
Status No Further Action

SCH
Facility Id 34010018
Status No Further Action

19
NE
1/2-1
0.527 mi.
2781 ft.

Relative:
Lower

FUTURE K-8 SITE AT TRUXEL AND ARENA
3949 TRUXEL ROAD
SACRAMENTO, CA 95834

ENVIROSTOR
SCH

S119002124
N/A

Click here for full text details

ENVIROSTOR
Facility Id 60002414
Status Inactive - Withdrawn

SCH
Facility Id 60002414
Status Inactive - Withdrawn

20
ESE
1/2-1
0.942 mi.
4976 ft.

Relative:
Lower

SMUD PCB SUBSTATION SITE #22
TRUXEL ROAD AND SAN JUAN ROAD
SACRAMENTO, CA 95833

ENVIROSTOR

S100182060
N/A

Click here for full text details

ENVIROSTOR
Facility Id 34490053
Status Inactive - Needs Evaluation

21
West
1/2-1
0.973 mi.
5137 ft.

Relative:
Higher

WITTER RANCH ELEMENTARY SCHOOL
STEMMLER DRIVE/POPPY HILL WAY
SACRAMENTO, CA 95834

ENVIROSTOR
SCH

S118756771
N/A

Click here for full text details

ENVIROSTOR
Facility Id 34010013
Status No Action Required

SCH
Facility Id 34010013
Status No Action Required

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	AQUEOUS FOAM	Former Fire Training Facility Assessments Listing	State Water Resources Control Board	08/28/2024	08/28/2024	11/12/2024
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	09/16/2024	09/17/2024	12/02/2024
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2022	03/21/2024	06/12/2024
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	10/15/2024	10/16/2024	12/31/2024
CA	CERS HAZ WASTE	California Environmental Reporting System Hazardous Waste	CalEPA	10/15/2024	10/16/2024	12/31/2024
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	10/15/2024	10/16/2024	12/31/2024
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	08/01/2024	10/16/2024	12/31/2024
CA	CHROME PLATING	Chrome Plating Facilities Listing	State Water Resources Control Board	08/28/2024	08/28/2024	11/12/2024
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	11/20/2024	11/20/2024	02/12/2025
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	09/16/2024	09/17/2024	12/02/2024
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	CUPA LIV-PLE	CUPA Facility Listing	Livermore-Pleasanton Fire Department	09/19/2024	11/05/2024	01/31/2025
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	11/20/2024	11/20/2024	02/13/2025
CA	DRYCLEAN AMADOR	Amador Air District Drycleaner Facility Listing	Amador Air Quality Management District	04/26/2023	04/27/2023	07/13/2023
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	05/29/2024	11/07/2024	11/22/2024
CA	DRYCLEAN BAY AREA	Bay Area Air Quality Management District Drycleaner Facility	Bay Area Air Quality Management District	02/20/2019	05/30/2019	05/01/2023
CA	DRYCLEAN BUTTE	Butte County Air Quality Management DistrictDrycleaner Facil	Butte County Air Quality Management District	09/10/2024	09/11/2024	11/25/2024
CA	DRYCLEAN CALAVERAS	Calaveras County Environmental Management Agency Drycleaner	Calaveras County Environmental Management Age	06/17/2019	06/19/2019	05/01/2023
CA	DRYCLEAN EAST KERN	Eastern Kern Air Pollution Control District District Dryclea	Eastern Kern Air Pollution Control District	08/21/2024	08/22/2024	11/05/2024
CA	DRYCLEAN FEATHER RVR	Feather River Air Quality Management District Drycleaner Fac	Feather River Air Quality Management District	03/08/2023	03/09/2023	06/05/2023
CA	DRYCLEAN GLENN	Glenn County Air Pollution Control District Drycleaner Facil	Glenn County Air Pollution Control District	08/26/2024	08/28/2024	11/13/2024
CA	DRYCLEAN GRANT	Grant Recipients List	California Air Resources Board	12/31/2021	01/26/2024	04/16/2024
CA	DRYCLEAN IMPERIAL	Imperial County Air Pollution Control District Drycleaner Fa	Imperial County Air Pollution Control Distric	10/02/2024	10/03/2024	12/20/2024
CA	DRYCLEAN LAKE	Lake County Air Quality Management District Drycleaner Facil	Lake County Air Quality Management District	02/15/2024	02/16/2024	05/02/2024
CA	DRYCLEAN MENDOCINO	Mendocino County Air Quality Management District Drycleaner	Mendocino County Air Quality Management Distr	08/26/2024	09/03/2024	11/13/2024
CA	DRYCLEAN MOJAVE	Mojave Desert Air Quality Management District Drycleaner Fac	Mojave Desert Air Quality Management District	08/21/2024	08/22/2024	11/05/2024
CA	DRYCLEAN MONTERY BAY	Monterey Bay Air Quality Management District Drycleaner Faci	Monterey Bay Air Quality Management District	09/09/2024	09/11/2024	11/26/2024
CA	DRYCLEAN N COAST	North Coast Unified Air Quality Management District Dryclean	North Coast Unified Air Quality Management Di	11/30/2016	04/19/2019	05/01/2023
CA	DRYCLEAN N SIERRA	Northern Sierra Air Quality Management District Drycleaner F	Northern Sierra Air Quality Management Distri	08/22/2024	08/22/2024	11/05/2024
CA	DRYCLEAN N SONOMA	Norther Sonoma County County Air Pollution Control District	Santa Barbara County Air Pollution Control Di	08/23/2024	08/26/2024	11/05/2024
CA	DRYCLEAN PLACER	Placer County Air Quality Management District Drycleaner Fac	Placer County Air Quality Management District	05/15/2023	05/17/2023	08/14/2023
CA	DRYCLEAN SACRAMENTO	Sacramento Metropolitan Air Quality Management DistrictDrycl	Sacramento Metropolitan Air Quality Managemen	09/03/2024	09/05/2024	11/13/2024
CA	DRYCLEAN SAN DIEGO	San Diego County Air Pollution Control District Drycleaner F	San Diego County Air Pollution Control Distri	08/21/2024	08/28/2024	11/13/2024
CA	DRYCLEAN SAN JOAQUIN	San Joaquin Valley Air Pollution Control District District D	San Joaquin Valley Air Pollution Control Dist	08/22/2024	08/22/2024	11/05/2024
CA	DRYCLEAN SAN LUIS OB	San Luis Obispo County Air Pollution Control District Drycle	San Luis Obispo County Air Pollution Control	01/03/2024	01/04/2024	03/20/2024
CA	DRYCLEAN SANTA BARB	Santa Barbara County Air Pollution Control District Dryclean	Santa Barbara County Air Pollution Control Di	02/19/2019	04/17/2019	05/01/2023
CA	DRYCLEAN SHASTA	Shasta County Air Quality Management District District Drycl	Shasta County Air Quality Management District	08/29/2024	09/05/2024	11/13/2024
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	11/14/2024	11/15/2024	02/05/2025
CA	DRYCLEAN TEHAMA	Tehama County Air Pollution Control District Drycleaner Faci	Tehama County Air Pollution Control District	04/24/2019	04/24/2019	05/01/2023
CA	DRYCLEAN VENTURA	Drycleaner Facility Listing	Ventura County Air Pollution Control District	08/26/2024	08/28/2024	11/14/2024
CA	DRYCLEAN YOLO-SOLANO	Yolo-Solano Air Quality Management District Drycleaner Facil	Yolo-Solano Air Quality Management District	08/21/2024	08/26/2024	11/06/2024
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/28/2024	09/05/2024	11/13/2024
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2022	06/11/2024	09/03/2024
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	10/15/2024	10/16/2024	12/31/2024

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	10/21/2024	10/22/2024	01/10/2025
CA	FIN ASSURANCE 1	Financial Assurance Information Listing	Department of Toxic Substances Control	10/09/2024	10/10/2024	12/30/2024
CA	FIN ASSURANCE 2	Financial Assurance Information Listing	California Integrated Waste Management Board	11/06/2024	11/08/2024	01/31/2025
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	11/13/2024	11/15/2024	12/12/2024
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2023	07/02/2024	09/25/2024
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	11/08/2024	11/08/2024	02/03/2025
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	09/30/2024	10/01/2024	12/13/2024
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	07/19/2024	07/30/2024	08/28/2024
CA	ICE	Inspection, Compliance and Enforcement	Department of Toxic Subsances Control	11/08/2024	11/08/2024	02/03/2025
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	08/28/2024	08/28/2024	08/30/2024
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	11/26/2024	12/03/2024	12/31/2024
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/30/2024
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/30/2024
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	MINES	Mines Site Location Listing	Department of Conservation	09/03/2024	09/04/2024	11/13/2024
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	10/07/2024	11/20/2024	02/13/2025
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	09/05/2024	09/06/2024	11/13/2024
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	11/04/2024	11/05/2024	01/31/2025
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	11/20/2024	11/20/2024	02/13/2025
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	08/28/2024	08/28/2024	09/03/2024
CA	PROC	Certified Processors Database	Department of Conservation	08/28/2024	08/28/2024	08/30/2024
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	10/21/2024	10/22/2024	01/10/2025
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	07/29/2024	07/30/2024	10/17/2024
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	11/03/2020	11/05/2020	01/26/2021
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	10/21/2024	10/22/2024	01/10/2025
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	11/04/2024	11/06/2024	01/31/2025
CA	SWRCY	Recycler Database	Department of Conservation	08/28/2024	08/28/2024	08/29/2024
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	09/02/2024	09/04/2024	09/05/2024
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	08/28/2024	08/28/2024	08/29/2024
CA	UST	Active UST Facilities	SWRCB	08/28/2024	08/28/2024	08/30/2024
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	11/25/2024	12/03/2024	01/07/2025
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	10/21/2024	10/22/2024	01/10/2025
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	02/11/2021	07/01/2021	09/29/2021
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	09/03/2024	09/04/2024	11/13/2024
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2024	09/11/2024	11/19/2024
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	BIOSOLIDS	ICIS-NPDES Biosolids Facility Data	Environmental Protection Agency	10/13/2024	10/16/2024	10/23/2024
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2023	10/16/2024	01/14/2025
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	09/30/2024	10/09/2024	01/10/2025
US	CORRACTS	Corrective Action Report	EPA	09/16/2024	09/17/2024	12/06/2024
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	10/04/2024	10/16/2024	12/06/2024
US	Delisted NPL	National Priority List Deletions	EPA	12/19/2024	01/02/2025	01/21/2025
US	E MANIFEST	Hazardous Waste Electronic Manifest System	Environmental Protection Agency	09/16/2024	09/17/2024	12/20/2024
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	12/21/2024	12/27/2024	01/10/2025
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA Watch List	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/11/2024	06/17/2024	09/04/2024
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	11/20/2024	12/18/2024	12/20/2024

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	08/12/2024	10/30/2024	01/14/2025
US	FINDS	Facility Index System/Facility Registry System	EPA	08/13/2024	08/20/2024	08/28/2024
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	10/01/2024	11/12/2024	01/21/2025
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/08/2024	11/08/2024	01/14/2025
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	06/14/2024	06/17/2024	06/24/2024
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	02/07/2024	11/13/2024	11/19/2024
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/11/2024	05/30/2024	08/28/2024
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	05/07/2024	05/30/2024	08/28/2024
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/11/2024	05/30/2024	08/28/2024
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	05/14/2024	05/30/2024	08/28/2024
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	12/19/2024	01/02/2025	01/21/2025
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	12/19/2024	01/02/2025	01/21/2025
US	LUCIS	Land Use Control Information System	Department of the Navy	07/15/2024	07/17/2024	10/09/2024
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	10/01/2024	10/02/2024	10/09/2024
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	10/12/2024	10/17/2024	11/19/2024
US	NPL	National Priority List	EPA	12/19/2024	01/02/2025	01/21/2025
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	07/01/2024	10/02/2024	01/10/2025
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	12/16/2016	01/06/2017	03/10/2017
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	12/30/2024	01/02/2025	01/14/2025
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT	Social Science Environmental Health Research	05/19/2023	04/05/2024	06/06/2024
US	PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	12/13/2024	01/02/2025	01/10/2025
US	PRP	Potentially Responsible Parties	EPA	09/19/2023	10/03/2023	10/19/2023
US	Proposed NPL	Proposed National Priority List Sites	EPA	12/19/2024	01/02/2025	01/21/2025
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	09/16/2024	09/17/2024	12/06/2024
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	09/16/2024	09/17/2024	12/06/2024
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	09/16/2024	09/17/2024	12/06/2024
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	09/16/2024	09/17/2024	12/06/2024
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	09/16/2024	09/17/2024	12/06/2024
US	RMP	Risk Management Plans	Environmental Protection Agency	10/01/2024	10/23/2024	01/14/2025
US	ROD	Records Of Decision	EPA	10/24/2024	11/01/2024	11/19/2024
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	SEMS	Superfund Enterprise Management System	EPA	12/19/2024	01/02/2025	01/21/2025
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	12/19/2024	01/02/2025	01/21/2025
US	SSTS	Section 7 Tracking Systems	EPA	10/15/2024	10/16/2024	01/14/2025
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2022	11/13/2023	02/07/2024
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	05/08/2024	08/14/2024	08/28/2024
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	09/09/2024	09/11/2024	12/06/2024
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/20/2024	08/19/2024	10/09/2024
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	11/04/2024	11/15/2024	02/11/2025
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/16/2024	09/17/2024	12/20/2024
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/20/2024	08/19/2024	10/09/2024
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	11/04/2024	11/15/2024	02/11/2025
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/01/2024	11/18/2024	02/11/2025
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/02/2024	08/20/2024	10/09/2024
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UST FINDER	UST Finder Database	Environmental Protection Agency	06/08/2023	10/04/2023	01/18/2024
US	UST FINDER RELEASE	UST Finder Releases Database	Environmental Protecton Agency	06/08/2023	10/31/2023	01/18/2024
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/06/2023	09/13/2023	12/11/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	11/04/2024	11/05/2024	01/27/2025
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	12/31/2019	11/30/2023	12/01/2023
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2020	11/30/2021	02/18/2022
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
CA	Daycare Centers	Sensitive Receptor: Licensed Facilities	Department of Social Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
CA	State Wetlands	Wetland Inventory	Department of Fish and Wildlife			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

3600 AIRPORT ROAD
3600 AIRPORT ROAD
SACRAMENTO, CA 95834

TARGET PROPERTY COORDINATES

Latitude (North):	38.633657 - 38° 38' 1.17''
Longitude (West):	121.513438 - 121° 30' 48.38''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	629391.7
UTM Y (Meters):	4276965.5
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50006003 TAYLOR MONUMENT, CA
Version Date:	2021
Northeast Map:	50006371 RIO LINDA, CA
Version Date:	2022
Southeast Map:	50005988 SACRAMENTO EAST, CA
Version Date:	2021
Southwest Map:	50006374 SACRAMENTO WEST, CA
Version Date:	2022

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

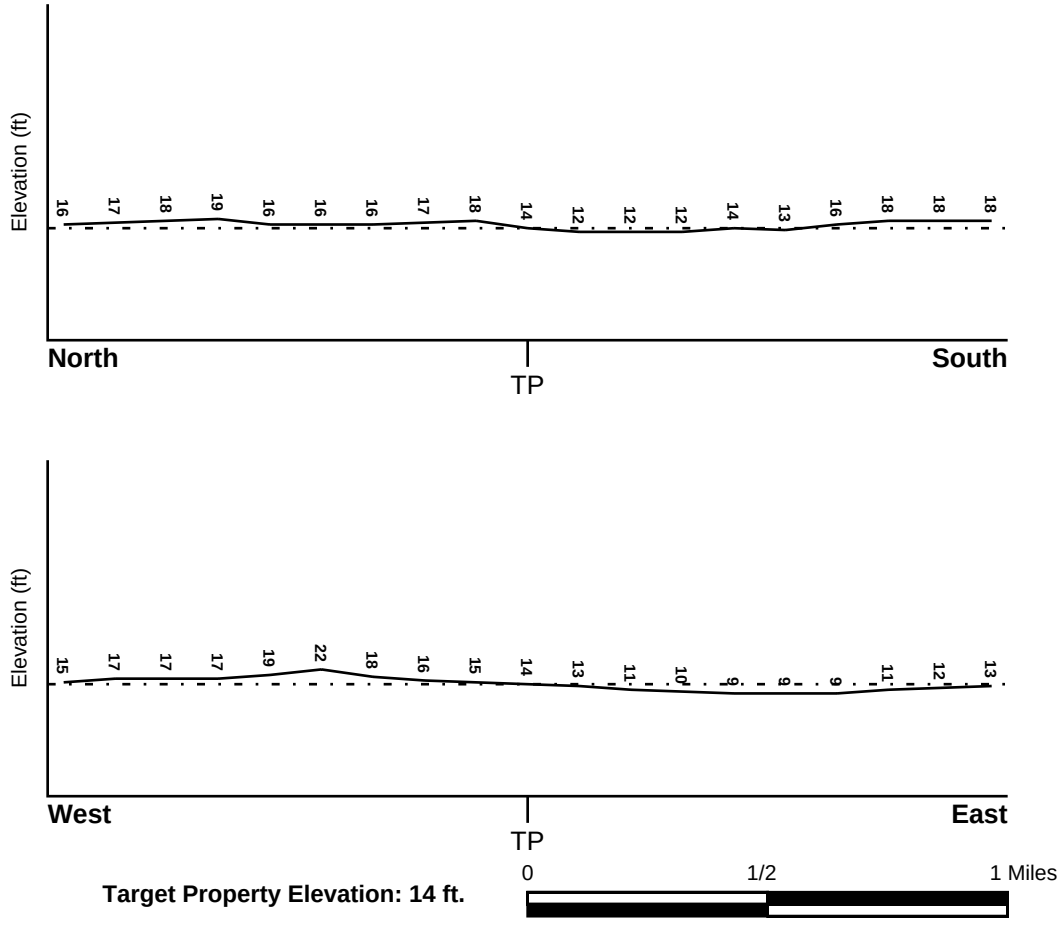
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 14 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06067C0045J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06067C0063J	FEMA FIRM Flood data
06067C0176J	FEMA FIRM Flood data
06067C0157J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TAYLOR MONUMENT	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

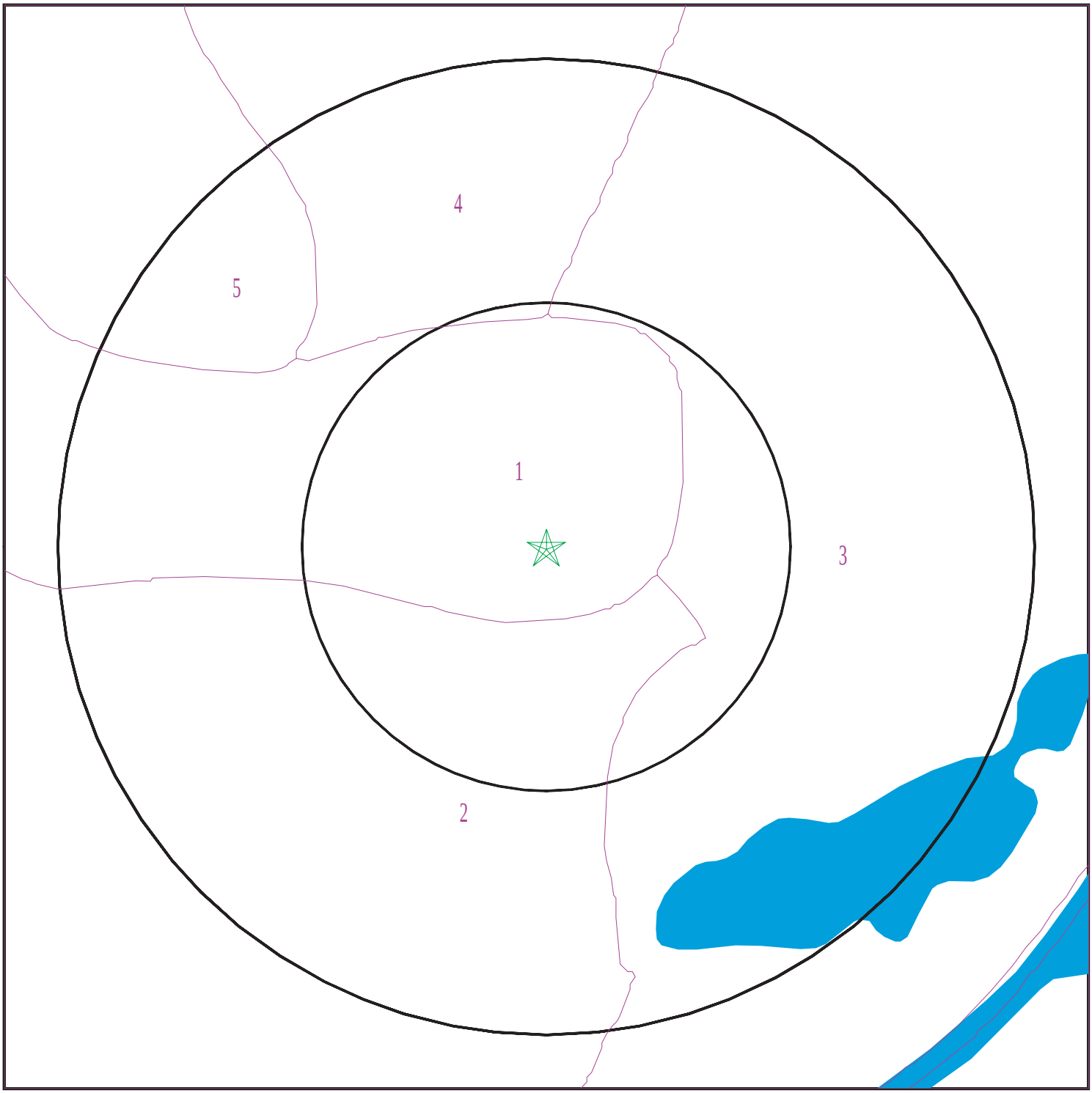
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7902313.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	3600 Airport Road	CLIENT:	Kim Lush
ADDRESS:	3600 Airport Road SACRAMENTO CA 95834	CONTACT:	Andrew Lush
		INQUIRY #:	7902313.2s
LAT/LONG:	38.633657 / 121.513438	DATE:	February 18, 2025 8:22 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CLEAR LAKE

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	14 inches	33 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	33 inches	48 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
4	48 inches	64 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: COSUMNES

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	20 inches	stratified silty clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	20 inches	42 inches	stratified clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	42 inches	59 inches	stratified clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: COSUMNES

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	20 inches	stratified silty clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	20 inches	42 inches	stratified clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	42 inches	59 inches	stratified clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 4

Soil Component Name: GALT

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	12 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	12 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	31 inches	59 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 5

Soil Component Name: CAPAY

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 168 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	5 inches	27 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
3	27 inches	66 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A7	USGS40000189629	0 - 1/8 Mile NNE
F29	USGS40000189593	1/2 - 1 Mile SSE
G31	USGS40000189635	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

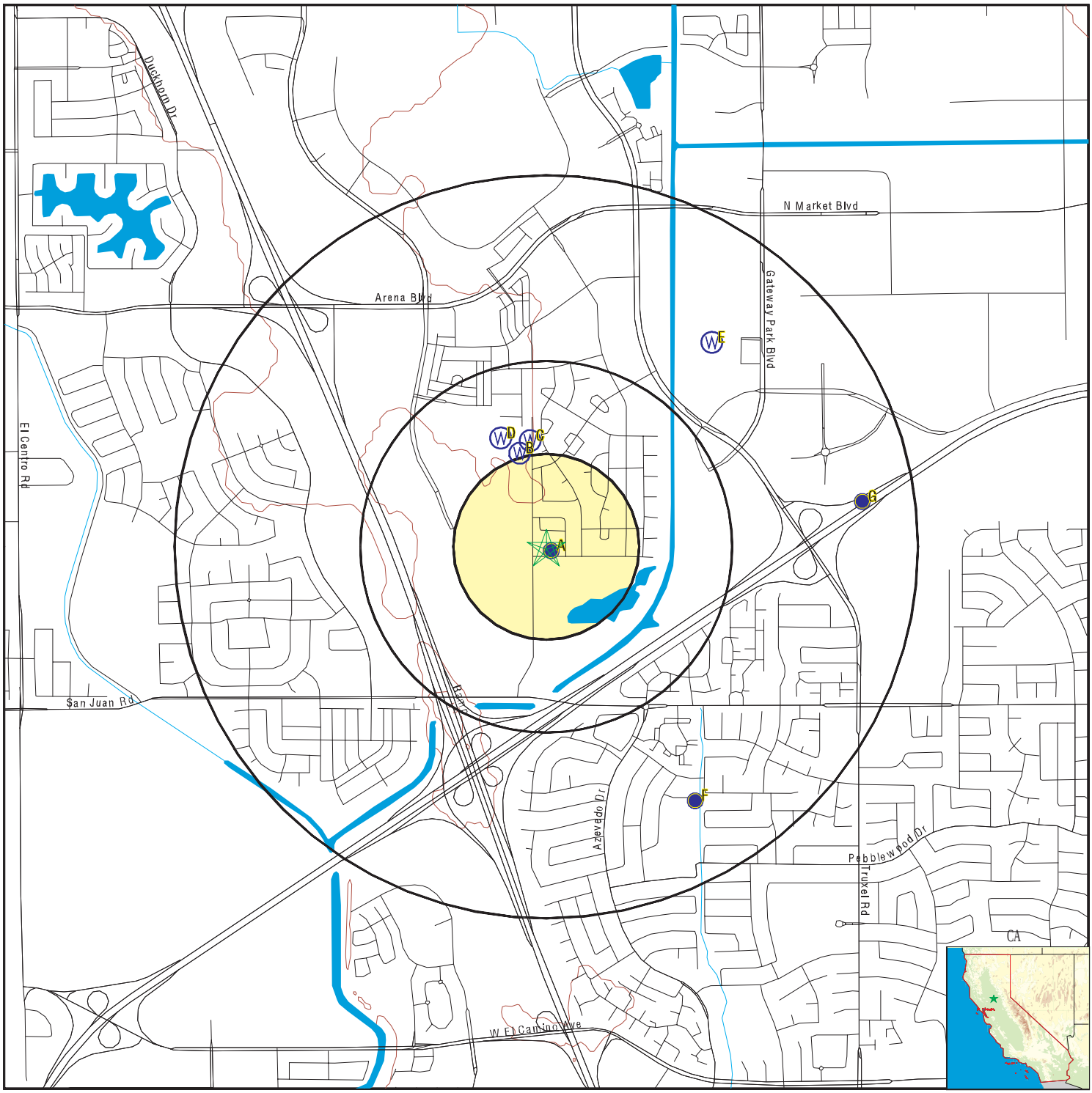
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000060194	0 - 1/8 Mile South
A2	CAEDF0000134038	0 - 1/8 Mile ESE
A3	CAEDF0000080269	0 - 1/8 Mile East
A4	CAEDF0000035661	0 - 1/8 Mile ESE
A5	CAEDF0000123253	0 - 1/8 Mile South
A6	CAEDF0000089773	0 - 1/8 Mile SSW
B8	CAEDF0000016076	1/8 - 1/4 Mile NNW
B9	CAEDF0000119571	1/8 - 1/4 Mile NNW
B10	CAEDF0000035542	1/8 - 1/4 Mile North
B11	CAEDF0000048247	1/8 - 1/4 Mile NNW
B12	CAEDF0000067965	1/4 - 1/2 Mile North
C13	CAEDF0000103630	1/4 - 1/2 Mile North
B14	CAEDF0000013181	1/4 - 1/2 Mile North
B15	CAEDF0000123799	1/4 - 1/2 Mile NNW
B16	CAEDF0000129508	1/4 - 1/2 Mile NNW
B17	CAEDF0000100659	1/4 - 1/2 Mile NNW
B18	CAEDF0000074545	1/4 - 1/2 Mile NNW
B19	CAEDF0000046411	1/4 - 1/2 Mile NNW
B20	CAEDF0000081065	1/4 - 1/2 Mile NNW
B21	CAEDF0000137605	1/4 - 1/2 Mile North
C22	CAEDF0000068171	1/4 - 1/2 Mile NNW
C23	CAEDF0000040298	1/4 - 1/2 Mile NNW
D24	CAEDF0000034100	1/4 - 1/2 Mile NNW
D25	CAEDF0000016365	1/4 - 1/2 Mile NNW
E26	CAEDF0000054416	1/2 - 1 Mile NE
E27	CAEDF0000054646	1/2 - 1 Mile NE
E28	CAEDF0000060532	1/2 - 1 Mile NE
F30	CAUSGSN00015112	1/2 - 1 Mile SSE
G32	CAUSGSN00006494	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 7902313.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	3600 Airport Road	CLIENT:	Kim Lush
ADDRESS:	3600 Airport Road SACRAMENTO CA 95834	CONTACT:	Andrew Lush
		INQUIRY #:	7902313.2s
LAT/LONG:	38.633657 / 121.513438	DATE:	February 18, 2025 8:21 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A1 **South** **0 - 1/8 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000060194**
A2 **ESE** **0 - 1/8 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000134038**
A3 **East** **0 - 1/8 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000080269**
A4 **ESE** **0 - 1/8 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000035661**
A5 **South** **0 - 1/8 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000123253**
A6 **SSW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000089773**
A7 **NNE** **0 - 1/8 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000189629**
B8 **NNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000016076**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B9 **NNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000119571**
B10 **North** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000035542**
B11 **NNW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000048247**
B12 **North** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000067965**
C13 **North** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000103630**
B14 **North** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000013181**
B15 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000123799**
B16 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000129508**
B17 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000100659**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B18 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000074545**
B19 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000046411**
B20 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000081065**
B21 **North** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000137605**
C22 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000068171**
C23 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000040298**
D24 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000034100**
D25 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAEDF0000016365**
E26 **NE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000054416**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
E27 **NE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000054646**
E28 **NE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAEDF0000060532**
F29 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000189593**
F30 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CAUSGSN00015112**
G31 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000189635**
G32 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CAUSGSN00006494**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95834	39	0

Federal EPA Radon Zone for SACRAMENTO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SACRAMENTO COUNTY, CA

Number of sites tested: 52

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.665 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.200 pCi/L	100%	0%	0%
Basement	8.350 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

Geothermal Wells Listing
Department of Conservation
Telephone: 916-445-9686
Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservations Geologic Energy Management Division (CalGEM, formerly DOGGR).

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

APPENDIX B-2
RADIUS REPORT

3600 Airport Road
3600 Airport Road
SACRAMENTO, CA 95834

Inquiry Number: 7902313.2s
February 18, 2025

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3600 AIRPORT ROAD
SACRAMENTO, CA 95834

COORDINATES

Latitude (North):	38.6336570 - 38° 38' 1.16''
Longitude (West):	121.5134380 - 121° 30' 48.37''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	629391.7
UTM Y (Meters):	4276965.5
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50006003 TAYLOR MONUMENT, CA
Version Date:	2021
Northeast Map:	50006371 RIO LINDA, CA
Version Date:	2022
Southeast Map:	50005988 SACRAMENTO EAST, CA
Version Date:	2021
Southwest Map:	50006374 SACRAMENTO WEST, CA
Version Date:	2022

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200617
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
3600 AIRPORT ROAD
SACRAMENTO, CA 95834

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	FRANK MACHADO	3600 AIRPORT RD	HWTS		TP
A2	MACHADO TRUST	3600 AIRPORT RD	Sacramento Co. CS		TP
A3	OLGA MACHADO TRUST	3600 AIRPORT RD	HWTS, HAZNET		TP
A4	MACHADO RESIDENCE	3600 AIRPORT ROAD	LUST		TP
A5	OLGA MACHADO TRUST	3600 AIRPORT RD	HWTS, HAZNET		TP
A6	MACHADO RESIDENCE	3600 AIRPORT ROAD	RGA LUST		TP
A7	PRIVATE RESIDENCE	PRIVATE RESIDENCE	LUST	Lower	104, 0.020, East
8	VALERO GAS STATION	3607 BILSTED WAY	EDR Hist Auto	Lower	437, 0.083, East
B9	SACRAMENTO AERO SERV	3801 AIRPORT RD	UST	Higher	850, 0.161, NNW
B10	NATOMAS AIRPORT	3801 AIRPORT ROAD	SEMS-ARCHIVE, RCRA-LQG, ENVIROSTOR, LUST,...	Higher	850, 0.161, NNW
B11	SACRAMENTO AERO SERV	3801 AIRPORT RD	Sacramento Co. ML	Higher	850, 0.161, NNW
B12	SACRAMENTO AERO SERV	3801 AIRPORT RD	UST FINDER RELEASE	Higher	850, 0.161, NNW
B13	NATOMAS AIRPORT	3801 AIRPORT RD	CPS-SLIC, SWEEPS UST, HIST UST, CA FID UST, NPDES,...	Higher	850, 0.161, NNW
14	NATOMAS AIRPORT		PFAS ECHO	Higher	1065, 0.202, North
C15	ELIXIR INDUSTRIES	3321 AIRPORT RD	UST FINDER RELEASE	Lower	1889, 0.358, SSW
C16	ELIXIR INDUSTRIES	3321 AIRPORT	LUST, Sacramento Co. CS, HIST CORTESE	Lower	1889, 0.358, SSW
C17	ELIXIR INDUSTRIES	3321 AIRPORT RD	LUST, HIST UST, Cortese, CERS	Lower	1889, 0.358, SSW
18	NATOMAS CROSSING	ENDEAVOR WAY/AIRPORT	ENVIROSTOR, SCH	Higher	2544, 0.482, North
19	FUTURE K-8 SITE AT T	3949 TRUXEL ROAD	ENVIROSTOR, SCH	Lower	2781, 0.527, NE
20	SMUD PCB SUBSTATION	TRUXEL ROAD AND SAN	ENVIROSTOR	Lower	4976, 0.942, ESE
21	WITTER RANCH ELEMENT	STEMMLER DRIVE/POPPY	ENVIROSTOR, SCH	Higher	5137, 0.973, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
FRANK MACHADO 3600 AIRPORT RD SACRAMENTO, CA 95834	HWTS	N/A
MACHADO TRUST 3600 AIRPORT RD SACRAMENTO, CA	Sacramento Co. CS Facility Id: RO0001530	N/A
OLGA MACHADO TRUST 3600 AIRPORT RD SACRAMENTO, CA 95834	HWTS HAZNET GEPAID: CAC002581675	N/A
MACHADO RESIDENCE 3600 AIRPORT ROAD SACRAMENTO, CA 95834	LUST Database: LUST REG 5, Date of Government Version: 07/01/2008 Status: Leak being confirmed	N/A
OLGA MACHADO TRUST 3600 AIRPORT RD SACRAMENTO, CA 95834	HWTS HAZNET GEPAID: CAC002645380	N/A
MACHADO RESIDENCE 3600 AIRPORT ROAD SACRAMENTO, CA	RGA LUST	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL---------- National Priority List

EXECUTIVE SUMMARY

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ---------- State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF ---------- Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing
AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

Lists of state and tribal brownfield sites

BROWNFIELDS ..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ..... Waste Management Unit Database
SWRCY ..... Recycler Database
HAULERS ..... Registered Waste Tire Haulers Listing
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites ..... Historical Calsites Database
SCH ..... School Property Evaluation Program
CDL ..... Clandestine Drug Labs
CERS HAZ WASTE ..... California Environmental Reporting System Hazardous Waste
Toxic Pits ..... Toxic Pits Cleanup Act Sites
US CDL ..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CERS TANKS ..... California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS ..... Environmental Liens Listing
LIENS 2 ..... CERCLA Lien Information
DEED ..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
CHMIRS ..... California Hazardous Material Incident Report System
LDS ..... Land Disposal Sites Listing
MCS ..... Military Cleanup Sites Listing
SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ..... RCRA - Non Generators / No Longer Regulated
FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites

EXECUTIVE SUMMARY

SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
MINES MRDS	Mineral Resources Data System
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
ECHO	Enforcement & Compliance History Information
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS TRIS	List of PFAS Added to the TRI
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES	Clean Water Act Discharge Monitoring Information
PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing
BIOSOLIDS	ICIS-NPDES Biosolids Facility Data
UST FINDER	UST Finder Database
E MANIFEST	Hazardous Waste Electronic Manifest System
PFAS	PFAS Investigation Site Location Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CHROME PLATING	Chrome Plating Facilities Listing
CUPA Listings	CUPA Resources List

DRYCLEANERS Cleaner Facilities
EMI Emissions Inventory Data
ENF Enforcement Action Listing
Financial Assurance Financial Assurance Information Listing
ICE Inspection, Compliance and Enforcement
HWP EnviroStor Permitted Facilities Listing
HWT Registered Hazardous Waste Transporter Database
MINES Mines Site Location Listing
MWMP Medical Waste Management Program Listing
NPDES NPDES Permits Listing
PEST LIC Pesticide Regulation Licenses Listing
PROC Certified Processors Database
Notify 65 Proposition 65 Records
HAZMAT Hazardous Material Facilities
UIC UIC Listing
UIC GEO UIC GEO (GEOTRACKER)
WASTEWATER PITS Oil Wastewater Pits Listing
WDS Waste Discharge System
WIP Well Investigation Program Case List
MILITARY PRIV SITES MILITARY PRIV SITES (GEOTRACKER)
PROJECT PROJECT (GEOTRACKER)
WDR Waste Discharge Requirements Listing
CIWQS California Integrated Water Quality System
CERS CERS
NON-CASE INFO NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/19/2024 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***21***

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/16/2024 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT EPA ID:: CAD981425242	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***21***

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where

environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/21/2024 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT Facility Id: 34450010 Status: Refer: RWQCB	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***21***
NATOMAS CROSSING Facility Id: 34010018 Status: No Further Action	***ENDEAVOR WAY/AIRPORT***	***N 1/4 - 1/2 (0.482 mi.)***	***18***	***56***
WITTER RANCH ELEMENT Facility Id: 34010013 Status: No Action Required	***STEMMLER DRIVE/POPPY***	***W 1/2 - 1 (0.973 mi.)***	***21***	***63***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FUTURE K-8 SITE AT T Facility Id: 60002414 Status: Inactive - Withdrawn	***3949 TRUXEL ROAD***	***NE 1/2 - 1 (0.527 mi.)***	***19***	***59***
SMUD PCB SUBSTATION Facility Id: 34490053 Status: Inactive - Needs Evaluation	TRUXEL ROAD AND SAN	ESE 1/2 - 1 (0.942 mi.)	20	62

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT Database: LUST REG 5, Date of Government Version: 07/01/2008 Database: LUST, Date of Government Version: 08/28/2024 Status: Completed - Case Closed Status: Remedial action (cleanup) Underway Global Id: T0606700952	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***21***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRIVATE RESIDENCE Database: LUST, Date of Government Version: 08/28/2024 Status: Completed - Case Closed Global Id: T0606727901	PRIVATE RESIDENCE	E 0 - 1/8 (0.020 mi.)	A7	14
ELIXIR INDUSTRIES Database: LUST, Date of Government Version: 08/28/2024	***3321 AIRPORT***	***SSW 1/4 - 1/2 (0.358 mi.)***	***C16***	***51***

Status: Completed - Case Closed
Global Id: T0606700172

ELIXIR INDUSTRIES ***3321 AIRPORT RD*** ***SSW 1/4 - 1/2 (0.358 mi.)*** ***C17*** ***54***
Database: LUST REG 5, Date of Government Version: 07/01/2008
Status: Case Closed

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***21***
Database: CPS-SLIC, Date of Government Version: 08/28/2024 Global Id: SL186443614 Global Id: SL186373608 Global Id: SL186463790 Facility Status: Open - Assessment & Interim Remedial Action Facility Status: Completed - Case Closed				
NATOMAS AIRPORT	***3801 AIRPORT RD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B13***	***44***
Database: SLIC REG 5, Date of Government Version: 04/01/2005				

Sacramento Co. CS: List of sites where unauthorized releases of potentially hazardous materials have occurred.

A review of the Sacramento Co. CS list, as provided by EDR, and dated 11/07/2022 has revealed that there are 2 Sacramento Co. CS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***21***
Facility Id: RO0000161				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELIXIR INDUSTRIES	***3321 AIRPORT***	***SSW 1/4 - 1/2 (0.358 mi.)***	***C16***	***51***
Facility Id: RO0000160 Date Closed: 04/12/2001				

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within

approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SACRAMENTO AERO SERV	3801 AIRPORT RD	NNW 1/8 - 1/4 (0.161 mi.)	B9	20
Database: UST, Date of Government Version: 08/28/2024				
Facility Id: FA0008312				

Lists of state and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 10/21/2024 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***21***
Status: Refer: RWQCB				
Facility Id: 34450010				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT RD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B13***	***44***
Status: A				
Tank Status: A				
Comp Number: 43419				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT RD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B13***	***44***

Facility Id: 00000043419

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT Facility Id: 34000178 Status: A	***3801 AIRPORT RD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B13***	***44***

Other Ascertainable Records

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 12/30/2024 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT		N 1/8 - 1/4 (0.202 mi.)	14	49

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 2 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SACRAMENTO AERO SERV	3801 AIRPORT RD	NNW 1/8 - 1/4 (0.161 mi.)	B12	43

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELIXIR INDUSTRIES	3321 AIRPORT RD	SSW 1/4 - 1/2 (0.358 mi.)	C15	51

EXECUTIVE SUMMARY

AQUEOUS FOAM: Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

A review of the AQUEOUS FOAM list, as provided by EDR, and dated 08/28/2024 has revealed that there is 1 AQUEOUS FOAM site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***21***

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 09/16/2024 has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***21***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELIXIR INDUSTRIES	***3321 AIRPORT RD***	***SSW 1/4 - 1/2 (0.358 mi.)***	***C17***	***54***
Cleanup Status: COMPLETED - CASE CLOSED				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATOMAS AIRPORT	***3801 AIRPORT ROAD***	***NNW 1/8 - 1/4 (0.161 mi.)***	***B10***	***21***
Reg Id: 34450010				
Reg Id: 341127				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELIXIR INDUSTRIES	***3321 AIRPORT***	***SSW 1/4 - 1/2 (0.358 mi.)***	***C16***	***51***
Reg Id: 340227				

Sacramento Co. ML: Sacramento County Master List. Any business that has hazardous materials on site - hazardous materials storage sites, underground storage tanks, waste generators.

A review of the Sacramento Co. ML list, as provided by EDR, and dated 11/07/2022 has revealed that there is 1 Sacramento Co. ML site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SACRAMENTO AERO SERV	3801 AIRPORT RD	NNW 1/8 - 1/4 (0.161 mi.)	B11	42

Facility Status: Inactive. Included on a listing no longer updated.

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

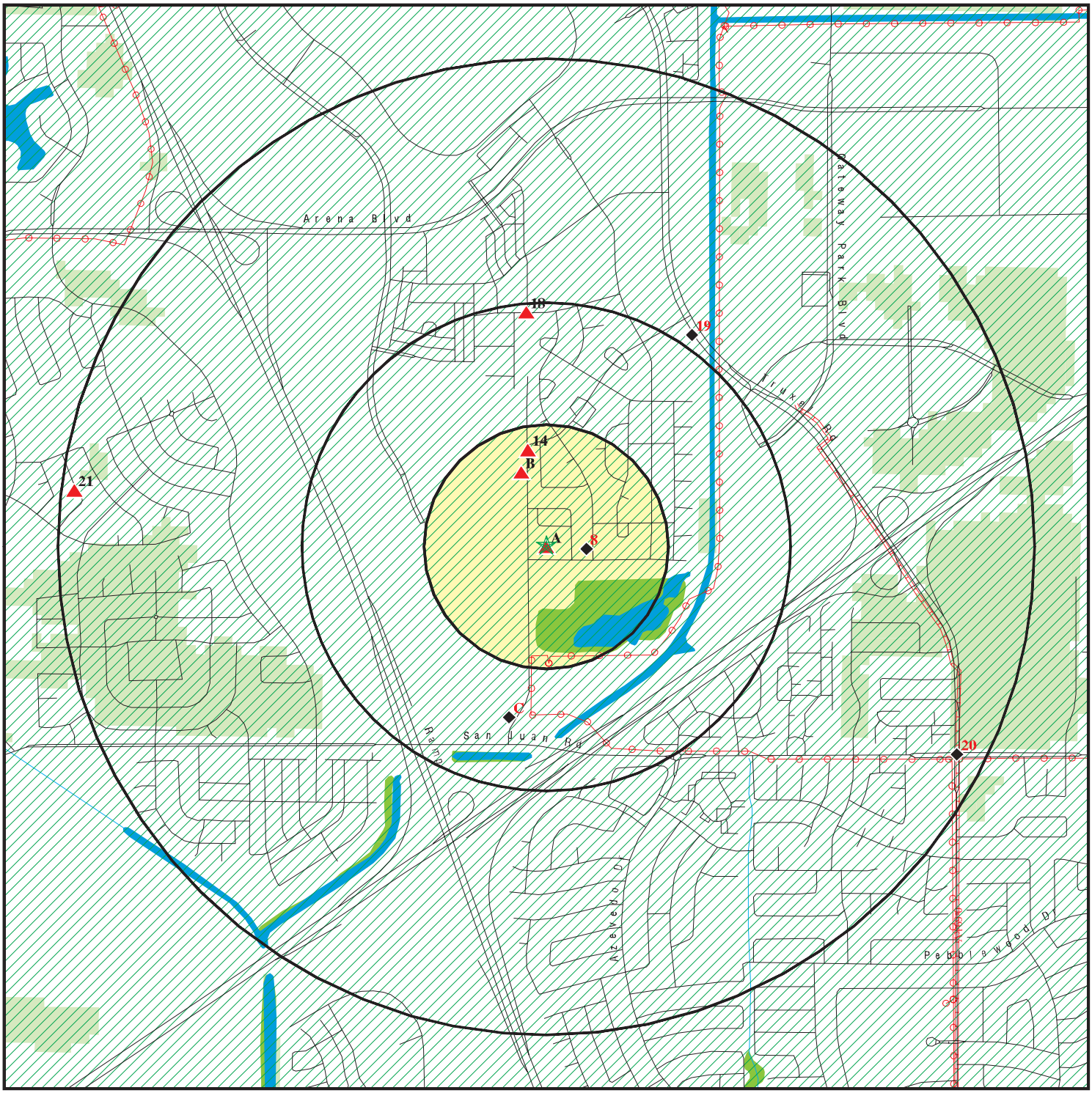
Lower Elevation	Address	Direction / Distance	Map ID	Page
VALERO GAS STATION	3607 BILSTED WAY	E 0 - 1/8 (0.083 mi.)	8	19

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
CITY OF SACRAMENTO	Sacramento Co. CS

OVERVIEW MAP - 7902313.2S



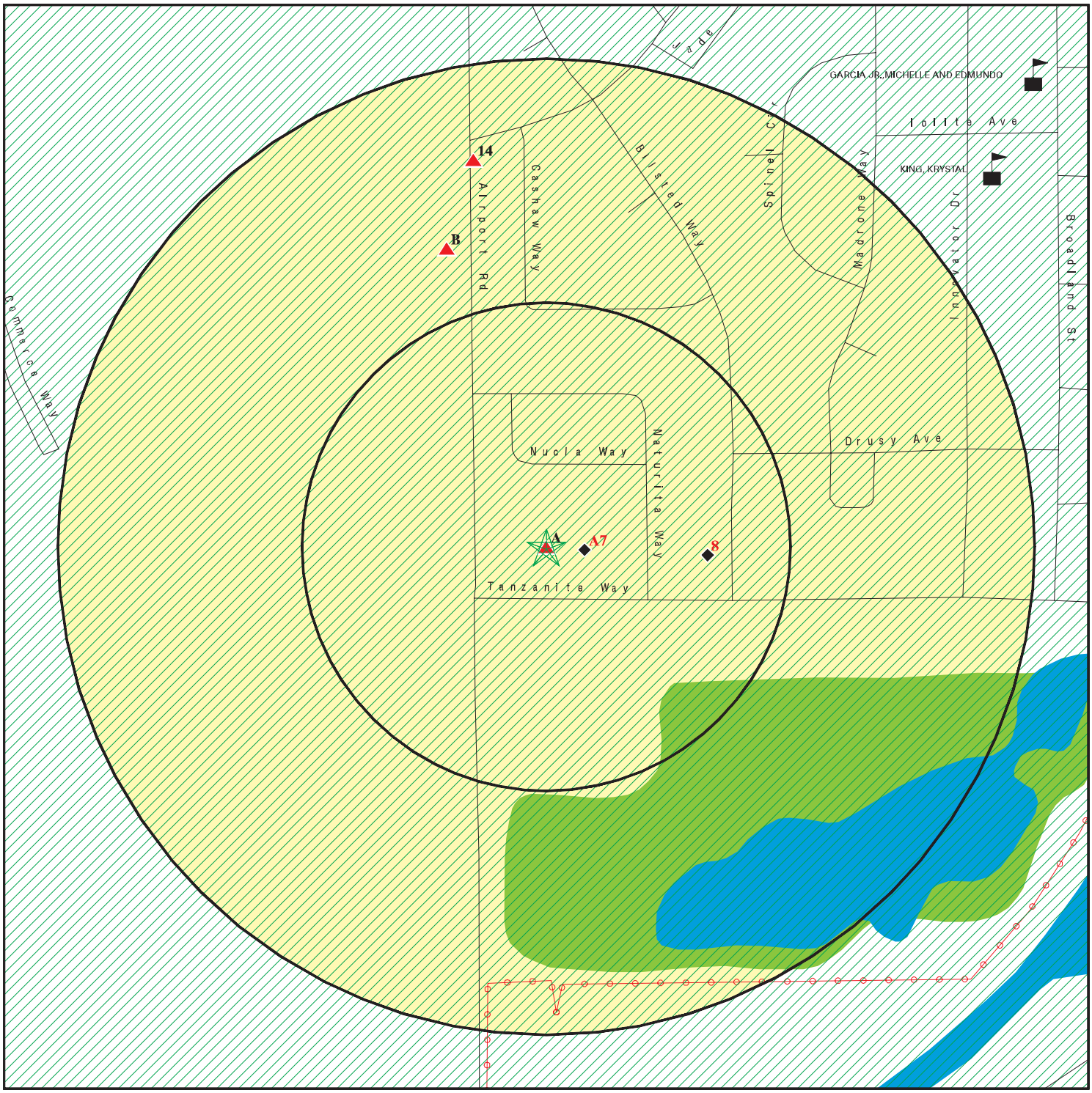
0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 3600 Airport Road ADDRESS: 3600 Airport Road SACRAMENTO CA 95834 LAT/LONG: 38.633657 / 121.513438	CLIENT: Kim Lush CONTACT: Andrew Lush INQUIRY #: 7902313.2s DATE: February 18, 2025 8:15 pm

DETAIL MAP - 7902313.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 3600 Airport Road	CLIENT: Kim Lush
ADDRESS: 3600 Airport Road SACRAMENTO CA 95834	CONTACT: Andrew Lush
LAT/LONG: 38.633657 / 121.513438	INQUIRY #: 7902313.2s DATE: February 18, 2025 8:20 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	1	0	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	1	1	3	NR	5
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500	1	1	1	2	NR	NR	5
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	2	0	NR	NR	2
Sacramento Co. CS	0.500	1	0	1	1	NR	NR	3
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	1	0	NR	NR	1
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		0	1	NR	NR	NR	1
CERS TANKS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	1	NR	NR	NR	1
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	1	1	NR	NR	2
UST FINDER	0.250		0	0	NR	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	1	NR	NR	NR	1
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	1	1	NR	NR	2
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	1	NR	NR	2
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	TP	3	NR	NR	NR	NR	NR	3
HAZNET	TP	2	NR	NR	NR	NR	NR	2
MINES	0.250		0	0	NR	NR	NR	0
Sacramento Co. ML	0.250		0	1	NR	NR	NR	1
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	1	NR	NR	NR	NR	NR	1
- Totals --		8	2	18	7	3	0	38

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **FRANK MACHADO** **HWTS** **S124576540**
Target **3600 AIRPORT RD** **N/A**
Property **SACRAMENTO, CA 95834**

Site 1 of 7 in cluster A

Actual: **14 ft.**

HWTS:

Name:	FRANK MACHADO
Address:	3600 AIRPORT RD
Address 2:	Not reported
City,State,Zip:	SACRAMENTO, CA 95834
EPA ID:	CAC002568325
Inactive Date:	01/28/2004
Create Date:	07/31/2003
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	3600 AIRPORT RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SACRAMENTO, CA 95834
Owner Name:	OLGA W MACHADO REVOCABLE TRUST
Owner Address:	3600 AIRPORT RD
Owner Address 2:	Not reported
Owner City,State,Zip:	SACRAMENTO, CA 95834
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	FRANK MACHADO
Contact Address:	3600 AIRPORT RD
Contact Address 2:	Not reported
City,State,Zip:	SACRAMENTO, CA 95834
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	38.638611
Longitude:	-121.51415

A2 **MACHADO TRUST** **Sacramento Co. CS** **S108215400**
Target **3600 AIRPORT RD** **N/A**
Property **SACRAMENTO, CA**

Site 2 of 7 in cluster A

Actual: **14 ft.**

Sacramento Co. CS:

Name:	MACHADO TRUST
Address:	3600 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA
State Site Number:	C321
Lead Staff:	Erikson, S.
Lead Agency:	HM
Remedial Action Taken:	NO
Substance:	Not reported
Date Reported:	Not reported
Facility Id:	RO0001530
Case Type:	Drinking Water Aquifer affected
Case Closed:	Not reported
Date Closed:	**Not reported**
Case Type:	**Aquifer used for drinking water supply affected**
Substance:	**Not reported**

A3 Target Property **OLGA MACHADO TRUST**
3600 AIRPORT RD
SACRAMENTO, CA 95834

HWTS S112940161
HAZNET N/A

Site 3 of 7 in cluster A

Actual: 14 ft.

HWTS:

Name:	OLGA MACHADO TRUST
Address:	3600 AIRPORT RD
Address 2:	Not reported
City,State,Zip:	SACRAMENTO, CA 95834
EPA ID:	CAC002581675
Inactive Date:	04/25/2005
Create Date:	09/08/2004
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	3600 AIRPORT RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SACRAMENTO, CA 95834
Owner Name:	OLGA MACHADO TRUST
Owner Address:	3600 AIRPORT RD
Owner Address 2:	Not reported
Owner City,State,Zip:	SACRAMENTO, CA 95834
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	FRANK MACHADO
Contact Address:	3600 AIRPORT RD
Contact Address 2:	Not reported
City,State,Zip:	SACRAMENTO, CA 95834
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	38.638611
Longitude:	-121.51415

HAZNET:

Name:	OLGA MACHADO TRUST
Address:	3600 AIRPORT RD
Address 2:	Not reported
City,State,Zip:	SACRAMENTO, CA 95834
Contact:	FRANK MACHADO
Telephone:	9164191473
Mailing Name:	Not reported
Mailing Address:	3600 AIRPORT RD
Year:	2004
Gepaid:	CAC002581675
TSD EPA ID:	CAD044003556
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H01 - Transfer Station
Tons:	12.51

Additional Information:

Year:	2004
Gen EPA ID:	CAC002581675

OLGA MACHADO TRUST (Continued) **S112940161**

Shipment Date:	20040916
Creation Date:	3/16/2007 18:31:12
Receipt Date:	20040916
Manifest ID:	23638117
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	NON
Meth Code:	H01 - Transfer Station
Quantity Tons:	12.51
Waste Quantity:	3000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

A4 **MACHADO RESIDENCE** **LUST** **S106127593**
Target **3600 AIRPORT ROAD** **N/A**
Property **SACRAMENTO, CA 95834**

Site 4 of 7 in cluster A

Actual: **14 ft.**

LUST REG 5:

Name:	MACHADO RESIDENCE
Address:	3600 AIRPORT ROAD
City:	SACRAMENTO
Region:	5
Status:	Leak being confirmed
Case Number:	341466
Case Type:	Drinking Water Aquifer affected
Substance:	Not reported
Staff Initials:	VJF
Lead Agency:	Local
Program:	LUST
MTBE Code:	N/A

A5 **OLGA MACHADO TRUST** **HWTS** **S112979839**
Target **3600 AIRPORT RD** **HAZNET** **N/A**
Property **SACRAMENTO, CA 95834**

Site 5 of 7 in cluster A

Actual: **14 ft.**

HWTS:

Name:	OLGA MACHADO TRUST
Address:	3600 AIRPORT RD
Address 2:	Not reported
City,State,Zip:	SACRAMENTO, CA 95834
EPA ID:	CAC002645380

OLGA MACHADO TRUST (Continued) **S112979839**

Inactive Date:	02/10/2010
Create Date:	08/13/2009
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	3600 AIRPORT RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SACRAMENTO, CA 958341302
Owner Name:	OLGA MACHADO TRUST
Owner Address:	3600 AIRPORT RD
Owner Address 2:	Not reported
Owner City,State,Zip:	SACRAMENTO, CA 958341302
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	FRANK MACHADO
Contact Address:	3600 AIRPORT RD
Contact Address 2:	Not reported
City,State,Zip:	SACRAMENTO, CA 958341302
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	38.633275
Longitude:	-121.51412

HAZNET:

Name:	OLGA MACHADO TRUST
Address:	3600 AIRPORT RD
Address 2:	Not reported
City,State,Zip:	SACRAMENTO, CA 958341302
Contact:	FRANK MACHADO
Telephone:	9162150009
Mailing Name:	Not reported
Mailing Address:	3600 AIRPORT RD
Year:	2009
Gepaid:	CAC002645380
TSD EPA ID:	CAD980884183
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.05595

Additional Information:

Year:	2009
Gen EPA ID:	CAC002645380
Shipment Date:	20091203
Creation Date:	2/3/2010 18:30:16
Receipt Date:	20091203
Manifest ID:	000338880JJK
Trans EPA ID:	CAR000173641
Trans Name:	RAH ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

OLGA MACHADO TRUST (Continued) **S112979839**

TSDF EPA ID:	CAD980884183
Trans Name:	GEM OF RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.91
Waste Quantity:	1820
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091203
Creation Date:	2/3/2010 18:30:16
Receipt Date:	20091203
Manifest ID:	000338880JJK
Trans EPA ID:	CAR000173641
Trans Name:	RAH ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM OF RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

A6 **MACHADO RESIDENCE** **RGA LUST** **S114646439**
Target **3600 AIRPORT ROAD** **N/A**
Property **SACRAMENTO, CA**

Site 6 of 7 in cluster A

Actual: **14 ft.**

RGA LUST:

Name:	MACHADO RESIDENCE
Address:	3600 AIRPORT ROAD
City:	SACRAMENTO
State:	SACRAMENTO

2009 MACHADO RESIDENCE 3600 AIRPORT ROAD

Name:	MACHADO RESIDENCE
Address:	3600 AIRPORT ROAD
City:	SACRAMENTO
State:	SACRAMENTO

MACHADO RESIDENCE (Continued) **S114646439**

2008 MACHADO RESIDENCE 3600 AIRPORT ROAD
Name: MACHADO RESIDENCE
Address: 3600 AIRPORT ROAD
City: SACRAMENTO
State: SACRAMENTO
2007 MACHADO RESIDENCE 3600 AIRPORT ROAD
Name: MACHADO RESIDENCE
Address: 3600 AIRPORT ROAD
City: SACRAMENTO
State: SACRAMENTO
2006 MACHADO RESIDENCE 3600 AIRPORT ROAD
Name: MACHADO RESIDENCE
Address: 3600 AIRPORT ROAD
City: SACRAMENTO
State: SACRAMENTO
2005 MACHADO RESIDENCE 3600 AIRPORT ROAD
Name: MACHADO RESIDENCE
Address: 3600 AIRPORT ROAD
City: SACRAMENTO
State: SACRAMENTO
2004 MACHADO RESIDENCE 3600 AIRPORT ROAD

A7 **PRIVATE RESIDENCE** **LUST** **S110654985**
East **PRIVATE RESIDENCE** **N/A**
< 1/8 **SACRAMENTO, CA 95834**
0.020 mi.
104 ft. **Site 7 of 7 in cluster A**

Relative: LUST:
Lower
Actual: Name: PRIVATE RESIDENCE
13 ft. Address: PRIVATE RESIDENCE
City,State,Zip: SACRAMENTO, CA 95834
Lead Agency: SACRAMENTO COUNTY LOP
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0606727901
Latitude: 38.63363388
Longitude: -121.513076026
Status: Completed - Case Closed
Status Date: 03/09/2016
Case Worker: Not reported
RB Case Number: 341466
Local Agency: Not reported
File Location: Local Agency
Local Case Number: G042/RO0001530
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline, Diesel
EPA Region: 9
Coordinate Source: * Historical Geocode - Exact Address Match
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 08/20/2003
Leak Reported Date: 09/26/2003
How Discovered: Site Assessment/Site Investigation
How Discovered Description: PHASE II ASSESSEMENT FOR POSSIBLE RESIDENTIAL DEVELOPMENT
Discharge Source: Other
Discharge Cause: Unknown

PRIVATE RESIDENCE (Continued) **S110654985**

Stop Method: Not reported
Stop Description: LEAK NOT STOPPED - TANKS IN GROUND
No Further Action Date: 03/09/2016
CA Water Watershed Name: Valley-American - Coon-American - Pleasant Grove (519.22)
Dwr Groundwater Subbasin Name: Sacramento Valley - North American (5-021.64)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 36-40%
CA Enviroscreen 4 Score: 50-55%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL VALLEY RWQCB (REGION 5S)
Site History: See GeoTrack link for Site History

LUST:
Global Id: T0606727901
Contact Type: Regional Board Caseworker
Contact Name: VERA FISCHER
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: vera.fischer@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 05/11/2015
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 05/15/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 04/18/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 10/16/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 03/09/2016
Action: Closure/No Further Action Letter

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 11/04/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: Other
Date: 09/26/2003

PRIVATE RESIDENCE (Continued) **S110654985**

Action: Leak Reported

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 07/20/2011
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 01/27/2012
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 07/18/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 05/13/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 10/05/2012
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 05/13/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 05/09/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 06/05/2013
Action: Notification - Fee Title Owners Notice

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 10/11/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 10/30/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 02/19/2016
Action: File Review - Closure

PRIVATE RESIDENCE (Continued) **S110654985**

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 11/12/2015
Action: Staff Letter

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 04/14/2005
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 10/04/2005
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 06/01/2005
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 09/08/2004
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 11/04/2004
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 02/09/2006
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 05/30/2007
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 07/20/2005
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 12/19/2006
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 10/29/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: ENFORCEMENT

PRIVATE RESIDENCE (Continued) **S110654985**

Date: 11/24/2008
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 04/29/2010
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 09/28/2004
Action: * Verbal Communication

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 06/18/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 06/23/2005
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 11/07/2005
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 04/11/2006
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 07/15/2005
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 06/11/2004
Action: * Verbal Communication

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 07/30/2004
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 08/02/2004
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 09/08/2006
Action: Technical Correspondence / Assistance / Other

PRIVATE RESIDENCE (Continued) **S110654985**

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 01/13/2006
Action: File review

Global Id: T0606727901
Action Type: ENFORCEMENT
Date: 10/13/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606727901
Action Type: Other
Date: 08/20/2003
Action: Leak Discovery

Global Id: T0606727901
Action Type: RESPONSE
Date: 07/18/2013
Action: Request for Closure - Regulator Responded

Global Id: T0606727901
Action Type: RESPONSE
Date: 11/10/2015
Action: Request for Closure - Regulator Responded

LUST:
Global Id: T0606727901
Status: Open - Case Begin Date
Status Date: 08/20/2003

Global Id: T0606727901
Status: Open - Site Assessment
Status Date: 09/29/2003

Global Id: T0606727901
Status: Completed - Case Closed
Status Date: 03/09/2016

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8 **VALERO GAS STATION** **EDR Hist Auto** **1022135605**
East **3607 BILSTED WAY** **N/A**
< 1/8 **SACRAMENTO, CA 95834**
0.083 mi.
437 ft.

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
12 ft. 2010 VALERO GAS STATION Gasoline Service Stations

B9 **SACRAMENTO AERO SERVICES** **UST** **U003786723**
NNW **3801 AIRPORT RD** **N/A**
1/8-1/4 **SACRAMENTO, CA 95834**
0.161 mi.
850 ft. **Site 1 of 5 in cluster B**

Relative:
Higher

Actual:
22 ft.

UST:

Name:	SACRAMENTO AERO SERVICES
Address:	3801 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95834
Facility ID:	FA0008312
Permitting Agency:	SACRAMENTO COUNTY
CERSID:	Not reported
Latitude:	38.6379154
Longitude:	-121.512959
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

B10
NNW
1/8-1/4
0.161 mi.
850 ft.

Relative:
Higher

Actual:
22 ft.

NATOMAS AIRPORT
3801 AIRPORT ROAD
SACRAMENTO, CA 95834

Site 2 of 5 in cluster B

Database(s):
SEMS-ARCHIVE
RCRA-LQG
ENVIROSTOR
LUST
CPS-SLIC
Sacramento Co. CS
VCP
FINDS
ECHO
AQUEOUS FOAM
Cortese
HIST CORTESE
CERS

EDR ID Number: **1000904832**
EPA ID Number: **CAD981425242**

SEMS Archive:

Site ID:	0902431
EPA ID:	CAD981425242
Name:	NATOMAS AIRPORT
Address:	3801 AIRPORT RD
Address 2:	Not reported
City,State,Zip:	SACRAMENTO, CA 95834
Cong District:	03
FIPS Code:	06067
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0902431
EPA ID:	CAD981425242
Site Name:	NATOMAS AIRPORT
NPL:	N
FF:	N
OU:	00
Action Code:	VA
Action Name:	OTHR CLEANUP
SEQ:	1
Start Date:	2006-04-05 04:00:00
Finish Date:	2017-03-23 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

Region:	09
Site ID:	0902431
EPA ID:	CAD981425242
Site Name:	NATOMAS AIRPORT
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1986-08-01 04:00:00
Finish Date:	1987-02-01 05:00:00
Qual:	L
Current Action Lead:	St Perf

Region:	09
Site ID:	0902431

NATOMAS AIRPORT (Continued) **1000904832**

EPA ID: CAD981425242
Site Name: NATOMAS AIRPORT
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 2
Start Date: 2001-07-01 04:00:00
Finish Date: 2005-12-21 05:00:00
Qual: L
Current Action Lead: St Perf

Region: 09
Site ID: 0902431
EPA ID: CAD981425242
Site Name: NATOMAS AIRPORT
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1986-08-01 04:00:00
Finish Date: 1986-08-01 04:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902431
EPA ID: CAD981425242
Site Name: NATOMAS AIRPORT
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1988-02-01 05:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902431
EPA ID: CAD981425242
Site Name: NATOMAS AIRPORT
NPL: N
FF: N
OU: 00
Action Code: OO
Action Name: SITE REASS
SEQ: 1
Start Date: Not reported
Finish Date: 2011-05-26 05:00:00
Qual: L
Current Action Lead: St Perf

NATOMAS AIRPORT (Continued) **1000904832**

Region:	09
Site ID:	0902431
EPA ID:	CAD981425242
Site Name:	NATOMAS AIRPORT
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	2
Start Date:	2016-07-01 04:00:00
Finish Date:	2017-03-23 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902431
EPA ID:	CAD981425242
Site Name:	NATOMAS AIRPORT
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-02-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

RCRA Listings:

Date Form Received by Agency:	20050616
Handler Name:	Parcel 15 And 18 Of Fmr Natomas Air Park
Handler Address:	3801 Airport Road
Handler City,State,Zip:	SACRAMENTO, CA 95834
EPA ID:	CAD981425242
Contact Name:	BOB JOHNSON
Contact Address:	775 SUNRISE AVE
Contact City,State,Zip:	ROSEVILLE, CA 95661
Contact Telephone:	916-782-2424
Contact Fax:	Not reported
Contact Email:	BOBJOHNSON@CA.HOMESBYTOWNE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	775 SUNRISE AVE
Mailing City,State,Zip:	ROSEVILLE, CA 95661
Owner Name:	Towne Development Of Sacramento Inc
Owner Type:	Private

NATOMAS AIRPORT (Continued) **1000904832**

Operator Name:	Homes By Towne
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060201
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D015
Waste Description:	Toxaphene (C10 H10 Cl8, Technical Chlorinated Camphene, 67-69 Percent Chlorine)
Waste Code:	P037
Waste Description:	2,7:3,6-Dimethanonaphth[2,3-B]Oxirene, 3,4,5,6,9,9-Hexachloro-1a,2,2a,3,6,6a,7,7a-Octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)- (Or) Dieldrin
Waste Code:	P050
Waste Description:	6,9-Methano-2,4,3-Benzodioxathiepin,6,7,8,9,10,10-Hexachloro-1,5,5a,6, 9,9a-Hexahydro-,3-Oxide (Or) Endosulfan

NATOMAS AIRPORT (Continued) **1000904832**

Waste Code: P123
Waste Description: Toxaphene

Waste Code: U060
Waste Description: Benzene, 1,1'-(2,2-Dichloroethylidene)Bis[4-Chloro- (Or) Ddd

Waste Code: U061
Waste Description: Benzene, 1,1'-(2,2,2-Trichloroethylidene)Bis[4-Chloro- (Or) Ddt

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: SANWA BANK CALIFORNIA	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	601 J STREET
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95814
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: TOWNE DEVELOPMENT OF SACRAMENTO INC	
Legal Status:	Private
Date Became Current:	20030915
Date Ended Current:	Not reported
Owner/Operator Address:	775 SUNRISE AVE
Owner/Operator City,State,Zip:	ROSEVILLE, CA 95661
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HOMES BY TOWNE	
Legal Status:	Private
Date Became Current:	20030915
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SANWA BANK CALIFORNIA	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	601 J ST STE 203
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95814
Owner/Operator Telephone:	916-446-6986
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NATOMAS AIRPORT (Continued) **1000904832**

Historic Generators:

Receive Date:		19960901
Handler Name:	NATOMAS AIRPORT	
Federal Waste Generator Description:		Small Quantity Generator
State District Owner:		Not reported
Large Quantity Handler of Universal Waste:		No
Recognized Trader Importer:		No
Recognized Trader Exporter:		No
Spent Lead Acid Battery Importer:		No
Spent Lead Acid Battery Exporter:		No
Current Record:		No
Non Storage Recycler Activity:		Not reported
Electronic Manifest Broker:		Not reported

Receive Date:		19940913
Handler Name:	NATOMAS AIRPORT	
Federal Waste Generator Description:		Large Quantity Generator
State District Owner:		Not reported
Large Quantity Handler of Universal Waste:		No
Recognized Trader Importer:		No
Recognized Trader Exporter:		No
Spent Lead Acid Battery Importer:		No
Spent Lead Acid Battery Exporter:		No
Current Record:		No
Non Storage Recycler Activity:		Not reported
Electronic Manifest Broker:		Not reported

Receive Date:		20050616
Handler Name:	PARCEL 15 AND 18 OF FMR NATOMAS AIR PARK	
Federal Waste Generator Description:		Large Quantity Generator
State District Owner:		Not reported
Large Quantity Handler of Universal Waste:		No
Recognized Trader Importer:		No
Recognized Trader Exporter:		No
Spent Lead Acid Battery Importer:		No
Spent Lead Acid Battery Exporter:		No
Current Record:		Yes
Non Storage Recycler Activity:		Not reported
Electronic Manifest Broker:		Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	488119
NAICS Description:	Other Airport Operations

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

ENVIROSTOR:

Name:	NATOMAS AIRPORT
Address:	3801 AIRPORT ROAD
City,State,Zip:	SACRAMENTO, CA 95834

NATOMAS AIRPORT (Continued) **1000904832**

Facility ID:	34450010
Status:	Refer: RWQCB
Status Date:	03/23/2017
Site Code:	101495
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 5S - Central Valley
Lead Agency:	RWQCB 5S - Central Valley
Program Manager:	Steven Becker
Supervisor:	Steven Becker
Division Branch:	Cleanup San Joaquin
Assembly:	06
Senate:	08
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.63646
Longitude:	-121.5143
APN:	22501500320000
Past Use:	AGRICULTURAL - ROW CROPS, AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS
Potential COC:	* UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL Benzene DDD DDE DDT Toxaphene sec-Butylbenzene Cumene (isopropylbenzene Dieldrin Ethylbenzene n-Propylbenzene Toluene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene Xylenes
Confirmed COC:	* UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL Benzene DDD DDE DDT n-Propylbenzene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene Toxaphene sec-Butylbenzene Cumene (isopropylbenzene Dieldrin Ethylbenzene Toluene Xylenes
Potential Description:	OTH, SOIL, SV, IA
Alias Name:	BRASTETTER AIRPORT
Alias Type:	Alternate Name
Alias Name:	Natomas Air Park Parcel 32
Alias Type:	Alternate Name
Alias Name:	Natomas Air Park Parcels 14, 28, 30
Alias Type:	Alternate Name
Alias Name:	Natomas Air Park Parcels 15, 18
Alias Type:	Alternate Name
Alias Name:	22501500320000
Alias Type:	APN
Alias Name:	CAD981425242
Alias Type:	EPA Identification Number
Alias Name:	110002701381
Alias Type:	EPA (FRS #)
Alias Name:	110020815199
Alias Type:	EPA (FRS #)
Alias Name:	SL186373608
Alias Type:	GeoTracker Global ID
Alias Name:	SL186443614
Alias Type:	GeoTracker Global ID
Alias Name:	SL186463790
Alias Type:	GeoTracker Global ID
Alias Name:	101495
Alias Type:	Project Code (Site Code)
Alias Name:	34450010

NATOMAS AIRPORT (Continued) **1000904832**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 06/03/1981
Comments: FACILITY IDENTIFIED BY MAP. FACILITY DRIVE-BY DRUMS EMPTY-PESTICIDE HERBICIDES. CHAINLINK FENCE WITH EMPTY DRUMS. DITCH DRAINS TO NATOMAS DRAINAGE. WASHDOWN ACROSS STREET FROM DITCH. ABOUT 10 CROPDUSTER PLANES. DRUMS BESIDE SMALL IRRIGATION DITCH. YELLOW POWDER. FINAL STRATEGY SITE REFERRED: TO HMMS/ENFORCEMENT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 12/07/2004
Comments: The Voluntary Cleanup Agreement (VCA) for the Health Risk Assessment as requested by the Regional Water Quality Control Board (RWQCB), which is the lead agency on this site. The Department of Toxic Substances Control (DTSC) to determine health risk based cleanup numbers for iste under investigation and/or remediation under Central Valley RWQCB, Sacramento Office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/09/2006
Comments: DTSC completed a reassessment for USEPA under the PA/SI grant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 10/17/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/23/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/09/1987
Comments: SITE SCREENING DONE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 02/01/2017
Comments: Site Reassessment complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 10/17/2005

NATOMAS AIRPORT (Continued) **1000904832**

Comments: Health Risk Assessment completed. Risk based cleanup goals set for residential scenario. Additional cleanup criteria required by Regional Water Quality Control Board for proctection and beneficial uses of groundwater. RWQCB is lead at this site. Health risk range in lower end of acceptable risk range (10E-4 to 10E-6).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 06/08/2011
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:
Name: SACRAMENTO AERO SERVICES, INC
Address: 3801 AIRPORT RD
City,State,Zip: SACRAMENTO, CA 95834
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0606700952
Latitude: 38.6373145586575
Longitude: -121.515154084656
Status: Completed - Case Closed
Status Date: 02/19/2016
Case Worker: NC
RB Case Number: SL1864400
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000161
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Aviation
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: YES
Quantity Released Gallons: Not reported
Begin Date: 12/01/1982
Leak Reported Date: 05/13/1997
How Discovered: Not reported
How Discovered Description: water found in fuel tank
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Close and Replace Tank
Stop Description: Not reported
No Further Action Date: 02/19/2016
CA Water Watershed Name: Valley-American - Coon-American - Pleasant Grove (519.22)
Dwr Groundwater Subbasin Name: Sacramento Valley - North American (5-021.64)

NATOMAS AIRPORT (Continued) **1000904832**

Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 36-40%
CA Enviroscreen 4 Score: 50-55%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL VALLEY RWQCB (REGION 5S)
Site History: this property is also a SLIC site, listed as a separate Geotracker entry, undergoing investigation of pesticides/herbicides. The fuel portion of the cleanup is being conducted by Beazer Homes, as Natomas Airpark Parcel 30. Additional documents can be viewed at the Natomas Airpark Parcel 30 Geotracker case # SL186373608.

LUST:
Global Id: T0606700952
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: NATHAN CASEBEER
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: nathan.casebeer@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 03/05/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 10/23/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 03/02/2016
Action: Closure/No Further Action Letter

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 08/05/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: Other
Date: 12/01/1982
Action: Leak Discovery

Global Id: T0606700952
Action Type: Other
Date: 05/13/1997
Action: Leak Reported

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 05/11/2011
Action: Staff Letter

NATOMAS AIRPORT (Continued) **1000904832**

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 11/09/2009
Action: 13267 Monitoring Program - #R5-2009-0860

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 04/26/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 10/09/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 05/18/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 07/02/2014
Action: Staff Letter

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 09/18/2015
Action: Closure/No Further Action Letter

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 12/31/2004
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 06/06/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 09/08/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 12/24/2004
Action: 13267 Monitoring Program

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 06/24/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: ENFORCEMENT

NATOMAS AIRPORT (Continued) **1000904832**

Date: 03/07/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 10/13/2014
Action: File Review - Closure

Global Id: T0606700952
Action Type: Other
Date: 12/01/1982
Action: Leak Stopped

Global Id: T0606700952
Action Type: RESPONSE
Date: 06/23/2014
Action: Other Report / Document

Global Id: T0606700952
Action Type: REMEDIATION
Date: 01/12/2006
Action: Soil Vapor Extraction (SVE)

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 12/31/2004
Action: 13267 Monitoring Program - #R5-2004-0842

Global Id: T0606700952
Action Type: ENFORCEMENT
Date: 03/25/2010
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606700952
Action Type: RESPONSE
Date: 03/10/2008
Action: Other Report / Document

Global Id: T0606700952
Action Type: RESPONSE
Date: 02/19/2014
Action: Other Workplan - Regulator Responded

Global Id: T0606700952
Action Type: RESPONSE
Date: 11/08/2013
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T0606700952
Action Type: RESPONSE
Date: 06/24/2014
Action: Other Workplan - Regulator Responded

LUST:
Global Id: T0606700952
Status: Open - Case Begin Date
Status Date: 12/01/1982

NATOMAS AIRPORT (Continued) **1000904832**

Global Id: T0606700952
Status: Open - Site Assessment
Status Date: 01/01/1994

Global Id: T0606700952
Status: Open - Site Assessment
Status Date: 05/25/1995

Global Id: T0606700952
Status: Open - Site Assessment
Status Date: 05/13/1997

Global Id: T0606700952
Status: Open - Site Assessment
Status Date: 05/01/2004

Global Id: T0606700952
Status: Open - Remediation
Status Date: 01/12/2006

Global Id: T0606700952
Status: Open - Remediation
Status Date: 09/01/2006

Global Id: T0606700952
Status: Open - Verification Monitoring
Status Date: 09/01/2006

Global Id: T0606700952
Status: Completed - Case Closed
Status Date: 02/19/2016

LUST REG 5:
Name: SACRAMENTO AERO SERVICES, INC
Address: 3801 AIRPORT RD
City: SACRAMENTO
Region: 5
Status: Remedial action (cleanup) Underway
Case Number: SL1864400
Case Type: Drinking Water Aquifer affected
Substance: Not reported
Staff Initials: AST
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

CPS-SLIC:
Name: NATOMAS AIR PARK PARCEL 32
Address: 3801 AIRPORT ROAD
City,State,Zip: SACRAMENTO, CA 95834
Region: STATE
Facility Status: **Open - Assessment & Interim Remedial Action**
Status Date: 11/30/2023
Global Id: SL186443614
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)

NATOMAS AIRPORT (Continued) **1000904832**

Lead Agency Case Number:	RO0000161
Latitude:	38.6377475381937
Longitude:	-121.514392197132
Case Type:	Cleanup Program Site
Case Worker:	JJT
Local Agency:	Not reported
RB Case Number:	SL186443614
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	DDD / DDE / DDT, Toxaphene
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	01/01/1985
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	Valley-American - Coon-American - Pleasant Grove (519.22)
Dwr Groundwater Subbasin Name:	Sacramento Valley - North American (5-021.64)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	51-55%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5S)
Site History:	The fuel portion of pollution on this property is being handled by the owners of Parcel 30. The pesticides portion of pollution, which is only in soil, is the responsibility of this parcel owner.

Click here to access the California GeoTracker records for this facility:

Name:	NATOMAS AIR PARK PARCELS 14, 28, 30
Address:	3801 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95834
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/19/2016
Global Id:	SL186373608
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	RO0000161
Latitude:	38.6373551836983
Longitude:	-121.514947414398
Case Type:	Cleanup Program Site
Case Worker:	JJT
Local Agency:	Not reported
RB Case Number:	SL186373608
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Aviation, Total Petroleum Hydrocarbons (TPH), * Pesticides/Herbicides
EPA Region:	9
Coordinate Source:	Google Map Move

NATOMAS AIRPORT (Continued) **1000904832**

Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	01/01/1985
Leak Reported Date:	05/25/1995
How Discovered:	Not reported
How Discovered Description:	water found in fuel
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	tank removed and replaced
No Further Action Date:	02/19/2016
CA Water Watershed Name:	Valley-American - Coon-American - Pleasant Grove (519.22)
Dwr Groundwater Subbasin Name:	Sacramento Valley - North American (5-021.64)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	51-55%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5S)
Site History:	Parcels 14 and 28 were the western-most properties comprising the Natomas Air Park, and were cleaned and released for residential development in July 2006. Parcel 30 contained pesticides, which were excavated in about 2006. Parcel 30 was underlain with fuel pollution, which was remediated. Extensive soil removal and soil vapor extraction has removed the source area of the fuel pollutants. Groundwater concentrations are declining and closure was issued 2/19/2016. Information relating to the fuel remediation is found under Sacramento Aero Services (Geotracker ID T0606700952).

Click here to access the California GeoTracker records for this facility:

Name:	NATOMAS AIR PARK PARCELS 15, 18
Address:	3801 AIRPORT ROAD
City,State,Zip:	SACRAMENTO, CA 95834
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	04/03/2009
Global Id:	SL186463790
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	RO0000161
Latitude:	38.638126518
Longitude:	-121.515403
Case Type:	Cleanup Program Site
Case Worker:	JJT
Local Agency:	Not reported
RB Case Number:	SL186463790
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	* Pesticides/Herbicides, * Petroleum - Waste oil, * Petroleum - Jet Fuel / Aviation
EPA Region:	9
Coordinate Source:	Manual Entry on Screens
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	12/01/1982
Leak Reported Date:	05/25/1995
How Discovered:	Not reported

NATOMAS AIRPORT (Continued) **1000904832**

How Discovered Description:	water found in fuel tank
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	replaced fuel tank
No Further Action Date:	04/03/2009
CA Water Watershed Name:	Valley-American - Coon-American - Pleasant Grove (519.22)
Dwr Groundwater Subbasin Name:	Sacramento Valley - North American (5-021.64)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	51-55%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5S)
Site History:	The natomas air park is 6 separate parcels under 3 separate owners. This one is called Strawberry Fields or Sky Park by the developer. Contaminants on these parcels were in soil, not groundwater.

Click here to access the California GeoTracker records for this facility:

Sacramento Co. CS:

Name:	NORTH NATOMAS AIRPORT
Address:	3801 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA
State Site Number:	B209
Lead Staff:	None assigned, H.
Lead Agency:	RW
Remedial Action Taken:	NO
Substance:	0
Date Reported:	10/24/1994
Facility Id:	RO0000161
Case Type:	Other ground water affected
Case Closed:	Not reported
Date Closed:	**Not reported**
Case Type:	**Other Groundwater affected (uses other than drinking water)**
Substance:	**Not reported**

VCP:

Name:	NATOMAS AIRPORT
Address:	3801 AIRPORT ROAD
City,State,Zip:	SACRAMENTO, CA 95834
Facility ID:	34450010
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, RWQCB 5S - Central Valley
Lead Agency:	RWQCB 5S - Central Valley
Lead Agency Description:	RWQCB 5S - Central Valley
Project Manager:	Steven Becker
Supervisor:	Steven Becker
Division Branch:	Cleanup San Joaquin
Site Code:	101495
Assembly:	06
Senate:	08

NATOMAS AIRPORT (Continued) **1000904832**

Special Programs Code:	EPA - PASI
Status:	Refer: RWQCB
Status Date:	03/23/2017
Restricted Use:	NO
Funding:	Not reported
Lat/Long:	38.63646 / -121.5143
APN:	22501500320000
Past Use:	AGRICULTURAL - ROW CROPS, AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS
Potential COC:	10198, 10199, 30003, 30006, 30007, 30008, 30023, 30104, 30158, 30207, 30272, 30499, 30550, 30577, 30578, 30593
Confirmed COC:	10198,10199,30003,30006,30007,30008,30499,30577,30578,30023,30104, 30158,30207,30272,30550,30593
Potential Description:	OTH, SOIL, SV, IA
Alias Name:	BRASTETTER AIRPORT
Alias Type:	Alternate Name
Alias Name:	Natomas Air Park Parcel 32
Alias Type:	Alternate Name
Alias Name:	Natomas Air Park Parcels 14, 28, 30
Alias Type:	Alternate Name
Alias Name:	Natomas Air Park Parcels 15, 18
Alias Type:	Alternate Name
Alias Name:	22501500320000
Alias Type:	APN
Alias Name:	CAD981425242
Alias Type:	EPA Identification Number
Alias Name:	110002701381
Alias Type:	EPA (FRS #)
Alias Name:	110020815199
Alias Type:	EPA (FRS #)
Alias Name:	SL186373608
Alias Type:	GeoTracker Global ID
Alias Name:	SL186443614
Alias Type:	GeoTracker Global ID
Alias Name:	SL186463790
Alias Type:	GeoTracker Global ID
Alias Name:	101495
Alias Type:	Project Code (Site Code)
Alias Name:	34450010
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	06/03/1981
Comments:	FACILITY IDENTIFIED BY MAP. FACILITY DRIVE-BY DRUMS EMPTY-PESTICIDE HERBICIDES. CHAINLINK FENCE WITH EMPTY DRUMS. DITCH DRAINS TO NATOMAS DRAINAGE. WASHDOWN ACROSS STREET FROM DITCH. ABOUT 10 CROPDUSTER PLANES. DRUMS BESIDE SMALL IRRIGATION DITCH. YELLOW POWDER. FINAL STRATEGY SITE REFERRED: TO HMMS/ENFORCEMENT.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	12/07/2004
Comments:	The Voluntary Cleanup Agreement (VCA) for the Health Risk Assessment as requested by the Regional Water Quality Control Board (RWQCB), which is the lead agency on this site. The Department of Toxic

NATOMAS AIRPORT (Continued) **1000904832**

Substances Control (DTSC) to determine health risk based cleanup numbers for iste under investigation and/or remediation under Central Valley RWQCB, Sacramento Office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/09/2006
Comments: DTSC completed a reassessment for USEPA under the PA/SI grant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 10/17/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/23/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/09/1987
Comments: SITE SCREENING DONE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 02/01/2017
Comments: Site Reassessment complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 10/17/2005
Comments: Health Risk Assessment completed. Risk based cleanup goals set for residential scenario. Additional cleanup criteria required by Regional Water Quality Control Board for proctection and beneficial uses of groundwater. RWQCB is lead at this site. Health risk range in lower end of acceptable risk range (10E-4 to 10E-6).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 06/08/2011
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

NATOMAS AIRPORT (Continued) **1000904832**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:
Registry ID: 110002701381

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
California's Department of Toxic Substances Control's (DTSC's)-EnviroStor database is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000904832
Registry ID: 110002701381

DFR URL:
Name: NATOMAS AIRPORT
Address: 3801 AIRPORT ROAD
City,State,Zip: SACRAMENTO, CA 95834

AQUEOUS FOAM:
Object ID: Not reported
Name: NATOMAS AIRPORT
Address: 3801 AIRPORT ROAD
City,State,Zip: SACRAMENTO, CA
Airport ID: Not reported
Airport Class: Not reported
Lead Agency: Not reported
Lead Agency Name: Not reported
Contact URL: Not reported
Global ID: Not reported
Geotracker: Not reported
Latitude: 38.636467999
Longitude: -121.5143995

NATOMAS AIRPORT (Continued) **1000904832**

Envirostor ID: 34450010
Program Type: VOLUNTARY CLEANUP
Status: REFER: RWQCB
Status Date: 3/23/2017
Calenviroscreen Score: 50-55%
Site Code: 101495

CORTESE:
Name: SACRAMENTO AERO SERVICES, INC
Address: 3801 AIRPORT RD
City,State,Zip: SACRAMENTO, CA 95834
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606700952
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: NATOMAS AIRPORT
edr_fadd1: 3801 AIRPORT
City,State,Zip: SACRAMENTO, CA
Region: CORTESE
Facility County Code: 34
Reg By: CALSI
Reg Id: 34450010

edr_fname: SACRAMENTO AERO SERVICES,
edr_fadd1: 3801 AIRPORT
City,State,Zip: SACRAMENTO, CA
Region: CORTESE
Facility County Code: 34
Reg By: LTNKA
Reg Id: 341127

CERS:
Name: LOCATED APPROXIMATELY 1 MILE NORTH OF I-5 AND I-80 FREEWAYS
Address: 3801 AIRPORT ROAD
City,State,Zip: SACRAMENTO, CA 95834-1301
Site ID: 477835
CERS ID: 110020815199

NATOMAS AIRPORT (Continued) **1000904832**

CERS Description: US EPA Air Emission Inventory System (EIS)

Name: NATOMAS AIR PARK PARCELS 14, 28, 30
Address: 3801 AIRPORT RD
City,State,Zip: SACRAMENTO, CA 95834
Site ID: 848596
CERS ID: SL186373608
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: AMY TERRELL - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9164644680,

Name: SACRAMENTO AERO SERVICES, INC
Address: 3801 AIRPORT RD
City,State,Zip: SACRAMENTO, CA 95834
Site ID: 859555
CERS ID: T0606700952
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: AMY TERRELL - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9164644680,

Name: NATOMAS AIR PARK PARCELS 15, 18
Address: 3801 AIRPORT ROAD
City,State,Zip: SACRAMENTO, CA 95834
Site ID: 900413
CERS ID: SL186463790
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: AMY TERRELL - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9164644680,

NATOMAS AIRPORT (Continued) **1000904832**

Name:	NATOMAS AIR PARK PARCEL 32
Address:	3801 AIRPORT ROAD
City,State,Zip:	SACRAMENTO, CA 95834
Site ID:	913001
CERS ID:	SL186443614
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFF TIERNEY - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

B11 **SACRAMENTO AERO SERVICES** **Sacramento Co. ML** **S129165100**
NNW **3801 AIRPORT RD** **N/A**
1/8-1/4 **SACRAMENTO, CA 95834**
0.161 mi.
850 ft. **Site 3 of 5 in cluster B**

Relative:
Higher

Actual:
22 ft.

Sacramento Co. ML:

Name:	SACRAMENTO AERO SERVICES
Address:	3801 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95837
Facility Id:	Not reported
Facility Status:	Inactive. Included on a listing no longer updated.
FD:	U
Billing Codes BP:	Out of Business
Billing Codes UST:	No Tanks
WG Bill Code:	Oil Changed by Outside Company-No Fee
Target Property Bill Cod:	51
Food Bill Code:	51
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	0
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

Name:	SACRAMENTO AERO SERVICES
Address:	3801 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95834
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	I

SACRAMENTO AERO SERVICES (Continued) **S129165100**

Billing Codes UST:	I
WG Bill Code:	I
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	3
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

B12 **SACRAMENTO AERO SERVICES, INC** **UST FINDER RELEASE** **1029101063**
NNW **3801 AIRPORT RD** **N/A**
1/8-1/4 **SACRAMENTO, CA 95834**
0.161 mi.
850 ft. **Site 4 of 5 in cluster B**

Relative: **Higher**

Actual: **22 ft.**

UST FINDER RELEASE:

Object ID:	49249
Facility ID:	Not reported
Lust ID:	CAT0606700952
Name:	SACRAMENTO AERO SERVICES, INC
Address:	3801 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95834
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	1225
Domestic Wells within 1500ft:	163
Land Use:	Developed, Low Intensity
Within SPA:	Yes
SPA PWS Facility ID:	CA5710003_34265
SPA Water Type:	SW - SurRELEASEe Water
SPA Facility Type:	IN - Intake
SPA HUC12:	180201610402
Within WHPA:	Yes
WHPA PWS Facility ID:	CA5100160_16230
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180201610402
Within 100yr Floodplain:	Yes
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.51442

SACRAMENTO AERO SERVICES, INC (Continued) **1029101063**

Y Coord: 38.6364100000001
Latitude: 38.6364099999999
Longitude: -121.51442

B13 **NATOMAS AIRPORT** **CPS-SLIC** **1000334350**
NNW **3801 AIRPORT RD** **SWEEPS UST** **N/A**
1/8-1/4 **SACRAMENTO, CA 95834** **HIST UST**
0.161 mi. **CA FID UST**
850 ft. **Site 5 of 5 in cluster B** **NPDES**
CIWQS

Relative: Higher

Actual: 22 ft.

SLIC REG 5:
Name: Natomas Airpark - Parcel 14, 28, 30
Address: 3801 Airport Rd
City: Sacramento
Region: 5
Facility Status: RI
Unit: Facility is a Spill or site
Pollutant: Pesticides, TPH
Lead Agency: AST
Date Filed: / /
Report Date: / /
Date Added: Not reported
Date Closed: Not reported

Name: Natomas Airpark - Parcels 15, 18
Address: 3801 Airport Rd
City: Sacramento
Region: 5
Facility Status: RI
Unit: Facility is a Spill or site
Pollutant: Pesticides, TPH
Lead Agency: AST
Date Filed: / /
Report Date: / /
Date Added: Not reported
Date Closed: Not reported

Name: Natomas Airpark - SacramentoAero, Parcel 32
Address: 3801 Airport Rd
City: Sacramento
Region: 5
Facility Status: RI
Unit: Facility is a Spill or site
Pollutant: Pesticides, TPH
Lead Agency: AST
Date Filed: / /
Report Date: / /
Date Added: Not reported
Date Closed: Not reported

SWEEPS UST:
Name: NATOMAS AIRPORT
Address: 3801 AIRPORT RD
City: SACRAMENTO
Status: Active
Comp Number: 43419

NATOMAS AIRPORT (Continued) **1000334350**

Number: 9
Board Of Equalization: 44-019305
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 88
SWRCB Tank Id: 34-000-043419-000001
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 3

Name: NATOMAS AIRPORT
Address: 3801 AIRPORT RD
City: SACRAMENTO
Status: Active
Comp Number: 43419
Number: 9
Board Of Equalization: 44-019305
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 80
SWRCB Tank Id: 34-000-043419-000002
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: AVIA. GAS
Number Of Tanks: Not reported

Name: NATOMAS AIRPORT
Address: 3801 AIRPORT RD
City: SACRAMENTO
Status: Active
Comp Number: 43419
Number: 9
Board Of Equalization: 44-019305
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 100
SWRCB Tank Id: 34-000-043419-000003
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: AVIA. GAS
Number Of Tanks: Not reported

HIST UST:
Name: NATOMAS AIRPORT

NATOMAS AIRPORT (Continued) **1000334350**

Address: 3801 AIRPORT RD
City,State,Zip: SACRAMENTO, CA 95834
File Number: 0002008c

URL:
Region: STATE
Facility ID: 00000043419
Facility Type: Other
Other Type: AIRPORT
Contact Name: RUSSELL W. KILMER
Telephone: 9169290885
Owner Name: SACRAMENTO SPORTS ASSOCIATION
Owner Address: 3600 POWER INN RD
Owner City,St,Zip: SACRAMENTO, CA 95834
Total Tanks: 0003

Tank Num: 001
Container Num: 88
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 80
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 100
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 34000178
Regulated By: UTNKA
Regulated ID: 00043419
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9169290885
Mail To: Not reported
Mailing Address: 3801 AIRPORT RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SACRAMENTO 95834
Contact: Not reported

NATOMAS AIRPORT (Continued) **1000334350**

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

NPDES:

Name:	NATOMAS AIRPORT
Address:	3801 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95834
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	5S34I002165
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	03/30/1992
Operator Name:	Sacramento Aero Services Inc
Operator Address:	3801 Airport Rd
Operator City:	Sacramento
Operator State:	California
Operator Zip:	95834

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	5S
Regulatory Measure ID:	269959
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	5S34I002165
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported

NATOMAS AIRPORT (Continued) **1000334350**

Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	03/30/1992
Status:	Terminated
Status Date:	03/30/1992
Place Size:	83
Place Size Unit:	Acres
Contact:	Russell W Kilmer
Contact Title:	Not reported
Contact Phone:	916-929-0885
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Sacramento Aero Services Inc
Operator Address:	3801 Airport Rd
Operator City:	Sacramento
Operator State:	California
Operator Zip:	95834
Operator Contact:	Russell W Kilmer
Operator Contact Title:	Not reported
Operator Contact Phone:	916-929-0885
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	916-929-0885
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	4581-Airports, Flying Fields, and Airport Terminal Services
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NATOMAS AIRPORT (Continued) **1000334350**

CIWQS:

Name:	Natomas Airport
Address:	3801 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95834
Agency:	Sacramento Aero Services Inc
Agency Address:	3801 Airport Rd, Sacramento, CA 95834
Place/Project Type:	Industrial - Airports, Flying Fields, and Airport Terminal Services
SIC/NAICS:	4581
Region:	5S
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	5S34I002165
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/30/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

14
North
1/8-1/4
0.202 mi.
1065 ft.

NATOMAS AIRPORT **PFAS ECHO** **1027391803**
N/A

SACRAMENTO, CA

Relative:
Higher

Actual:
18 ft.

PFAS ECHO:

Name:	Natomas Airport
Address:	Not reported
City,State,Zip:	SACRAMENTO, CA
Latitude:	38.63653
Longitude:	-121.51413
Count:	1
County:	SACRAMENTO
Status:	Active
Region:	09
Industry:	Airports

ECHO Facility Report:

Facility Percent Minority:	67.726
Facility Derived Tribes:	United Auburn Indian Community of the Auburn Rancheria of California - 18 mile(s)
Facility Population:	3771.18
EPA Programs:	RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06067
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER

NATOMAS AIRPORT (Continued) **1027391803**

Facility Derived HUC:	18020109
Facility Derived WBD:	180201610402
Facility Derived CD113:	06
Facility Derived CB2010:	060670070182011
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	CAD981425242
RCRA Permit Types:	LQG
RCRA NAICS:	488119
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y

EJSCREEN Report:

C15 **ELIXIR INDUSTRIES** **UST FINDER RELEASE** **1028952464**
SSW **3321 AIRPORT RD** **N/A**
1/4-1/2 **SACRAMENTO, CA 95834**
0.358 mi.
1889 ft. **Site 1 of 3 in cluster C**

Relative:
Lower

Actual:
12 ft.

UST FINDER RELEASE:

Object ID:	49247
Facility ID:	Not reported
Lust ID:	CAT0606700172
Name:	ELIXIR INDUSTRIES
Address:	3321 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95834
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	459
Domestic Wells within 1500ft:	7
Land Use:	Developed, High Intensity
Within SPA:	Yes
SPA PWS Facility ID:	CA5710003_34265
SPA Water Type:	SW - SurRELEASEe Water
SPA Facility Type:	IN - Intake
SPA HUC12:	180201610402
Within WHPA:	Yes
WHPA PWS Facility ID:	CA5100160_16230
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180201610402
Within 100yr Floodplain:	Yes
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.51495
Y Coord:	38.6287600000001
Latitude:	38.62876
Longitude:	-121.514949999999

C16 **ELIXIR INDUSTRIES** **LUST** **S101332018**
SSW **3321 AIRPORT** **Sacramento Co. CS** **N/A**
1/4-1/2 **SACRAMENTO, CA 95834** **HIST CORTESE**
0.358 mi.
1889 ft. **Site 2 of 3 in cluster C**

Relative:
Lower

Actual:
12 ft.

LUST:

Name:	ELIXIR INDUSTRIES
Address:	3321 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95834
Lead Agency:	SACRAMENTO COUNTY LOP
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0606700172
Latitude:	38.628762

ELIXIR INDUSTRIES (Continued) **S101332018**

Longitude:	-121.51493
Status:	Completed - Case Closed
Status Date:	04/12/2001
Case Worker:	Not reported
RB Case Number:	340227
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	F551
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	02/19/1988
Leak Reported Date:	02/22/1988
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	04/12/2001
CA Water Watershed Name:	Valley-American - Coon-American - Pleasant Grove (519.22)
Dwr Groundwater Subbasin Name:	Sacramento Valley - North American (5-021.64)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	36-40%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5S)
Site History:	Not reported

LUST:

Global Id:	T0606700172
Contact Type:	Regional Board Caseworker
Contact Name:	VERA FISCHER
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 SUN CENTER DRIVE #200
City:	RANCHO CORDOVA
Email:	vera.fischer@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0606700172
Action Type:	Other
Date:	02/19/1988
Action:	Leak Discovery

Global Id:	T0606700172
Action Type:	Other
Date:	02/22/1988
Action:	Leak Reported

Global Id:	T0606700172
Action Type:	ENFORCEMENT
Date:	04/12/2001

ELIXIR INDUSTRIES (Continued) **S101332018**

Action: Closure/No Further Action Letter

Global Id: T0606700172
Action Type: ENFORCEMENT
Date: 01/04/2000
Action: Staff Letter

Global Id: T0606700172
Action Type: RESPONSE
Date: 10/20/2000
Action: Site Assessment Report

Global Id: T0606700172
Action Type: RESPONSE
Date: 01/25/2001
Action: Site Assessment Report

LUST:
Global Id: T0606700172
Status: Open - Case Begin Date
Status Date: 02/19/1988

Global Id: T0606700172
Status: Open - Site Assessment
Status Date: 02/22/1988

Global Id: T0606700172
Status: Completed - Case Closed
Status Date: 04/12/2001

Sacramento Co. CS:
Name: ELIXIR INDUSTRY
Address: 3321 AIRPORT RD
City,State,Zip: SACRAMENTO, CA
State Site Number: F551
Lead Staff: Leibold, R.
Lead Agency: HM
Remedial Action Taken: NO
Substance: Automotive(motor gasoline and additives)
Date Reported: 02/19/1988
Facility Id: RO0000160
Case Type: Soil only
Case Closed: Y
Date Closed: 04/12/2001
Case Type: Soil only affected
Substance: Automotive(motor gasoline and additives)

HIST CORTESE:
edr_fname: ELIXIR INDUSTRIES
edr_fadd1: 3321 AIRPORT
City,State,Zip: SACRAMENTO, CA 95834
Region: CORTESE
Facility County Code: 34
Reg By: LTNKA
Reg Id: 340227

C17
SSW
1/4-1/2
0.358 mi.
1889 ft.

ELIXIR INDUSTRIES
3321 AIRPORT RD
SACRAMENTO, CA 95834

Site 3 of 3 in cluster C

LUST **U001615960**
HIST UST **N/A**
Cortese
CERS

Relative:
Lower

Actual:
12 ft.

LUST REG 5:

Name:	ELIXIR INDUSTRIES
Address:	3321 AIRPORT RD
City:	SACRAMENTO
Region:	5
Status:	Case Closed
Case Number:	340227
Case Type:	Drinking Water Aquifer affected
Substance:	GASOLINE
Staff Initials:	VJF
Lead Agency:	Local
Program:	LUST
MTBE Code:	N/A

HIST UST:

Name:	ELIXIR INDUSTRIES
Address:	3321 AIRPORT ROAD
City,State,Zip:	SACRAMENTO, CA 95834
File Number:	0001fd6c
URL:	
Region:	STATE
Facility ID:	00000051921
Facility Type:	Other
Other Type:	BUSINESS
Contact Name:	TOM MURRAY
Telephone:	9169299262
Owner Name:	ELIXIR INDUSTRIES
Owner Address:	17925 S. BROADWAY
Owner City,St,Zip:	GARDENA, CA 90247
Total Tanks:	0004
Tank Num:	001
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	2
Year Installed:	Not reported

ELIXIR INDUSTRIES (Continued) **U001615960**

Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

CORTESE:

Name:	ELIXIR INDUSTRIES
Address:	3321 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95834
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0606700172
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	ELIXIR INDUSTRIES
Address:	3321 AIRPORT RD
City,State,Zip:	SACRAMENTO, CA 95834
Site ID:	884520
CERS ID:	T0606700172
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	VERA FISCHER - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA

ELIXIR INDUSTRIES (Continued) **U001615960**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

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18 **NATOMAS CROSSING** **ENVIROSTOR** **S107736405**
North **ENDEAVOR WAY/AIRPORT ROAD** **SCH** **N/A**
1/4-1/2 **SACRAMENTO, CA 95834**
0.482 mi.
2544 ft.

Relative: **Higher**

Actual: **21 ft.**

ENVIROSTOR:

Name:	NATOMAS CROSSING
Address:	ENDEAVOR WAY/AIRPORT ROAD
City,State,Zip:	SACRAMENTO, CA 95834
Facility ID:	34010018
Status:	No Further Action
Status Date:	03/27/2007
Site Code:	104289
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	10
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	* Mark Malinowski
Division Branch:	Santa Susana Field Laboratory Branch
Assembly:	06
Senate:	08
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	38.642
Longitude:	-121.5135
APN:	225-1250-014
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic Benzene DDD DDE DDT Toxaphene TPH-gas TPH-JET FUEL
Confirmed COC:	30023-NO 30025-NO 30001-NO 30003-NO 30006-NO 30007-NO 30008-NO No Contaminants found 3002501-NO
Potential Description:	SOIL
Alias Name:	H. ALLEN HAIGHT ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	H. Alan Hight Elementary School
Alias Type:	Alternate Name
Alias Name:	NATOMAS CROSSING ELEMENTARY
Alias Type:	Alternate Name
Alias Name:	NATOMAS USD
Alias Type:	Alternate Name
Alias Name:	NATOMAS USD-H. ALLEN HIGHT ELEM SCHOOL
Alias Type:	Alternate Name
Alias Name:	225-1250-014
Alias Type:	APN
Alias Name:	104289
Alias Type:	Project Code (Site Code)
Alias Name:	34010018

NATOMAS CROSSING (Continued) **S107736405**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 06/03/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/18/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/18/2007
Comments: DTSC completed colse-out of this file nad issued a Cost Recovery Memorandum to Accounting.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/27/2007
Comments: DTSC approved the PEA report with a no further action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/16/2006
Comments: The revised PEA WP adequately addresses DTSC's comments and is approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/23/2003
Comments: After no response for additional information was received from the District, DTSC issued a PEA Required letter. Further investigation due to possible contamination emanating from adjacent natomas airport site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: NATOMAS CROSSING

NATOMAS CROSSING (Continued) **S107736405**

Address:	ENDEAVOR WAY/AIRPORT ROAD
City,State,Zip:	SACRAMENTO, CA 95834
Facility ID:	34010018
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	10
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	* Mark Malinowski
Division Branch:	Santa Susana Field Laboratory Branch
Site Code:	104289
Assembly:	06
Senate:	08
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	03/27/2007
Restricted Use:	NO
Funding:	School District
Latitude:	38.642
Longitude:	-121.5135
APN:	225-1250-014
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic, Arsenic, Benzene, DDD, DDE, DDT, Toxaphene, TPH-gas, TPH-JET FUEL
Confirmed COC:	30023-NO, 30025-NO, 30001-NO, 30003-NO, 30006-NO, 30007-NO, 30008-NO, No Contaminants found, 3002501-NO
Potential Description:	SOIL
Alias Name:	H. ALLEN HAIGHT ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	H. Alan Hight Elementary School
Alias Type:	Alternate Name
Alias Name:	NATOMAS CROSSING ELEMENTARY
Alias Type:	Alternate Name
Alias Name:	NATOMAS USD
Alias Type:	Alternate Name
Alias Name:	NATOMAS USD-H. ALLEN HIGHT ELEM SCHOOL
Alias Type:	Alternate Name
Alias Name:	225-1250-014
Alias Type:	APN
Alias Name:	104289
Alias Type:	Project Code (Site Code)
Alias Name:	34010018
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Inactive Status Letter
Completed Date:	06/03/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement

NATOMAS CROSSING (Continued) **S107736405**

Completed Date:	10/18/2005
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/18/2007
Comments:	DTSC completed colse-out of this file nad issued a Cost Recovery Memorandum to Accounting.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/27/2007
Comments:	DTSC approved the PEA report with a no further action determination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	03/16/2006
Comments:	The revised PEA WP adequately addresses DTSC's comments and is approved.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/23/2003
Comments:	After no response for additional information was received from the District, DTSC issued a PEA Required letter. Further investigation due to possible contamination emanating from adjacent natomas airport site.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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19 **FUTURE K-8 SITE AT TRUXEL AND ARENA** **ENVIROSTOR** **S119002124**
NE **3949 TRUXEL ROAD** **SCH** **N/A**
1/2-1 **SACRAMENTO, CA 95834**
0.527 mi.
2781 ft.

Relative:
Lower

Actual:
9 ft.

ENVIROSTOR:

Name:	FUTURE K-8 SITE AT TRUXEL AND ARENA
Address:	3949 TRUXEL ROAD
City,State,Zip:	SACRAMENTO, CA 95834
Facility ID:	60002414
Status:	Inactive - Withdrawn
Status Date:	01/27/2017
Site Code:	102307
Site Type:	School Investigation
Site Type Detailed:	School

FUTURE K-8 SITE AT TRUXEL AND ARENA (Continued) **S119002124**

Acres:	18.53
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Jose Salcedo
Division Branch:	Santa Susana Field Laboratory Branch
Assembly:	06
Senate:	08
Special Program:	EPA - Target Site Investigation
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	38.64559
Longitude:	-121.5108
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Under Investigation Arsenic Chlordane DDD DDE DDT Endrin Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, UE
Alias Name:	102307
Alias Type:	Project Code (Site Code)
Alias Name:	60002414
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	11/16/2016
Comments:	Phase I
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Application
Completed Date:	08/17/2016
Comments:	TSI application approval letter sent.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	11/09/2016
Comments:	On 11/9/2016, the contract was fully executed and the start work order was issued.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	01/30/2017
Comments:	DTSC issued Stop Work Order
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported

FUTURE K-8 SITE AT TRUXEL AND ARENA (Continued) **S119002124**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: FUTURE K-8 SITE AT TRUXEL AND ARENA
Address: 3949 TRUXEL ROAD
City,State,Zip: SACRAMENTO, CA 95834
Facility ID: 60002414
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 18.53
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Jose Salcedo
Division Branch: Santa Susana Field Laboratory Branch
Site Code: 102307
Assembly: 06
Senate: 08
Special Program Status: EPA - Target Site Investigation
Status: Inactive - Withdrawn
Status Date: 01/27/2017
Restricted Use: NO
Funding: EPA Grant
Latitude: 38.64559
Longitude: -121.5108
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Under Investigation, Arsenic, Chlordane, DDD, DDE, DDT, Endrin, Lead, Polynuclear aromatic hydrocarbons (PAHs, TPH-diesel, TPH-gas, TPH-MOTOR OIL
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, UE
Alias Name: 102307
Alias Type: Project Code (Site Code)
Alias Name: 60002414
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/16/2016
Comments: Phase I

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 08/17/2016
Comments: TSI application approval letter sent.

FUTURE K-8 SITE AT TRUXEL AND ARENA (Continued) **S119002124**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	11/09/2016
Comments:	On 11/9/2016, the contract was fully executed and the start work order was issued.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	01/30/2017
Comments:	DTSC issued Stop Work Order
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

20
ESE
1/2-1
0.942 mi.
4976 ft.

SMUD PCB SUBSTATION SITE #22 **ENVIROSTOR** **S100182060**
TRUXEL ROAD AND SAN JUAN ROAD **N/A**
SACRAMENTO, CA 95833

Relative:
Lower

Actual:
13 ft.

ENVIROSTOR:

Name:	SMUD PCB SUBSTATION SITE #22
Address:	TRUXEL ROAD AND SAN JUAN ROAD
City,State,Zip:	SACRAMENTO, CA 95833
Facility ID:	34490053
Status:	Inactive - Needs Evaluation
Status Date:	02/19/1987
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Sacramento
Assembly:	06
Senate:	08
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.62722
Longitude:	-121.4977
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* CONTAMINATED SOIL Polychlorinated biphenyls (PCBs
Confirmed COC:	NONE SPECIFIED

SMUD PCB SUBSTATION SITE #22 (Continued) **S100182060**

Potential Description: NONE SPECIFIED
Alias Name: 34490053
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/17/1987
Comments: SITE SCREENING DONE CONFIRMED PCB RELEASE. NO CLEANUP DOCUMENTED. SAMPLE RESULT = 5600 PPM.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

21
West
1/2-1
0.973 mi.
5137 ft.

WITTER RANCH ELEMENTARY SCHOOL **ENVIROSTOR** **S118756771**
STEMMLER DRIVE/POPPY HILL WAY **SCH** **N/A**
SACRAMENTO, CA 95834

Relative:
Higher

Actual:
17 ft.

ENVIROSTOR:
Name: WITTER RANCH ELEMENTARY SCHOOL
Address: STEMMLER DRIVE/POPPY HILL WAY
City,State,Zip: SACRAMENTO, CA 95834
Facility ID: 34010013
Status: No Action Required
Status Date: 11/30/2001
Site Code: 104241
Site Type: School Investigation
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: * Charles Ridenour
Division Branch: Santa Susana Field Laboratory Branch
Assembly: 06
Senate: 08
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.63533
Longitude: -121.5313
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA

WITTER RANCH ELEMENTARY SCHOOL (Continued) **S118756771**

Alias Name: NATOMAS UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: NATOMAS USD-WITTER RANCH ELEM
Alias Type: Alternate Name
Alias Name: WITTER RANCH ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: 104241
Alias Type: Project Code (Site Code)
Alias Name: 34010013
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/05/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/30/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/30/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: WITTER RANCH ELEMENTARY SCHOOL
Address: STEMMLER DRIVE/POPPY HILL WAY
City,State,Zip: SACRAMENTO, CA 95834
Facility ID: 34010013
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: * Charles Ridenour
Division Branch: Santa Susana Field Laboratory Branch

WITTER RANCH ELEMENTARY SCHOOL (Continued) **S118756771**

Site Code:	104241
Assembly:	06
Senate:	08
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	11/30/2001
Restricted Use:	NO
Funding:	School District
Latitude:	38.63533
Longitude:	-121.5313
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	NATOMAS UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	NATOMAS USD-WITTER RANCH ELEM
Alias Type:	Alternate Name
Alias Name:	WITTER RANCH ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	104241
Alias Type:	Project Code (Site Code)
Alias Name:	34010013
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/05/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	11/30/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	11/30/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SACRAMENTO	S106782284	CITY OF SACRAMENTO	I-5 AT SAN JUAN AVE		Sacramento Co. CS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 2

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/18/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/15/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/06/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 86

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 76

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 11/25/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 01/07/2025
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69
Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/13/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 27

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 12/09/2024
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 03/21/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 07/29/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 79

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/26/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 11/12/2024
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/07/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/24/2024
Date Data Arrived at EDR: 11/01/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/23/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/12/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 33

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/17/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/04/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 51
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 93

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 05/08/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 7

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/01/2024
Date Data Arrived at EDR: 11/18/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/18/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/13/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 8

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/21/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/27/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 67

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/13/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/13/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 10/13/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS sites included in the Envirostor and GeoTracker databases. Locations of potential sources of per - and polyfluoroalkyl substances (PFAS). This does not mean that PFAS has been produced, used, or discharged at these sites.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

CUPA LIV-PLE: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 09/19/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 87

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

DRYCLEAN MOJAVE: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN N SIERRA: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTERY BAY: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 76

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN VENTURA: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 78

Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQUIN: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77

Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/25/2024
Number of Days to Update: 75

Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RVR: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/29/2024
Date Data Arrived at EDR: 11/07/2024
Date Made Active in Reports: 11/22/2024
Number of Days to Update: 15

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

DRYCLEAN N SONOMA: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 08/23/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 71
Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/26/2024
Date Made Active in Reports: 04/16/2024
Number of Days to Update: 81
Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 72
Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN LAKE: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 02/15/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 05/02/2024
Number of Days to Update: 76
Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77
Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDOCINO: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 09/03/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 71
Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 10/02/2024
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 78

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 76

Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432

Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412

Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN N COAST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473

Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/14/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/05/2025
Number of Days to Update: 82
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Annually

DRYCLEAN SHASTA: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 08/29/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 06/11/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 84
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76
Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/10/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

FIN ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/06/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 87

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 87

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 09/30/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 12/13/2024
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 12/27/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/19/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/25/2024
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 10/07/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/05/2024
Date Data Arrived at EDR: 09/06/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 68
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Annually

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/02/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 09/05/2024
Number of Days to Update: 1
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/12/2025
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data
The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 12/26/2023
Date Made Active in Reports: 03/19/2024
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 09/26/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 77

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/23/2024
Date Made Active in Reports: 01/13/2025
Number of Days to Update: 82

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/08/2024
Date Made Active in Reports: 04/26/2024
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/19/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/11/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 80

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 11/01/2024
Date Made Active in Reports: 01/17/2025
Number of Days to Update: 77

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/26/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 72

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/04/2024
Date Data Arrived at EDR: 10/04/2024
Date Made Active in Reports: 12/23/2024
Number of Days to Update: 80

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/07/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/17/2024
Number of Days to Update: 75

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 07/09/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 80

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 09/01/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 09/01/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation LA County List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/21/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 10/07/2024
Number of Days to Update: 83
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 01/07/2025
Number of Days to Update: 82
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/08/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 10/31/2024
Number of Days to Update: 22

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/18/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/27/2025
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 7

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Orange County
Petroleum and non-petroleum spills.

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 10/31/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 85

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 10/31/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 85

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 10/29/2024
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/19/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64
Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 15
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 12/05/2024
Date Data Arrived at EDR: 12/05/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 26
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/25/2024
Date Data Arrived at EDR: 10/29/2024
Date Made Active in Reports: 01/17/2025
Number of Days to Update: 80

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/13/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/20/2024
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/28/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2023
Date Data Arrived at EDR: 01/31/2024
Date Made Active in Reports: 04/17/2024
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 10/28/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 83
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 10/28/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 86
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/06/2025
Number of Days to Update: 82
Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/12/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 02/06/2025
Number of Days to Update: 85

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 11/19/2024
Date Made Active in Reports: 02/12/2025
Number of Days to Update: 85

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

SITE MIT SANTA CRUZ: Site Mitigation Santa Cruz County List
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/05/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/27/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/11/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/02/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 6

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/13/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 07/02/2024
Date Data Arrived at EDR: 07/18/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 5
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/13/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/27/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/18/2024
Date Data Arrived at EDR: 09/25/2024
Date Made Active in Reports: 12/13/2024
Number of Days to Update: 79
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/17/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/27/2025
Number of Days to Update: 83
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

3600 AIRPORT ROAD
3600 AIRPORT ROAD
SACRAMENTO, CA 95834

TARGET PROPERTY COORDINATES

Latitude (North):	38.633657 - 38° 38' 1.17''
Longitude (West):	121.513438 - 121° 30' 48.38''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	629391.7
UTM Y (Meters):	4276965.5
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50006003 TAYLOR MONUMENT, CA
Version Date:	2021
Northeast Map:	50006371 RIO LINDA, CA
Version Date:	2022
Southeast Map:	50005988 SACRAMENTO EAST, CA
Version Date:	2021
Southwest Map:	50006374 SACRAMENTO WEST, CA
Version Date:	2022

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

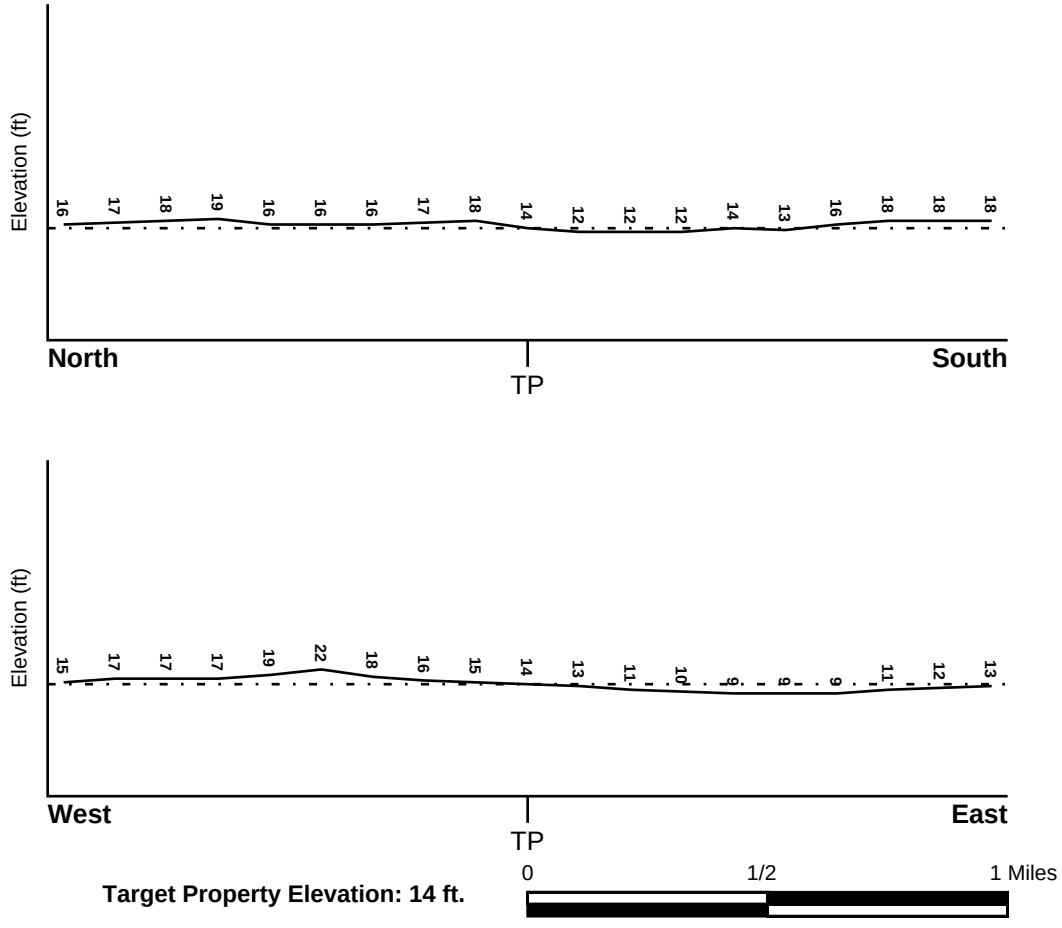
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 14 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06067C0045J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06067C0063J	FEMA FIRM Flood data
06067C0176J	FEMA FIRM Flood data
06067C0157J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TAYLOR MONUMENT	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

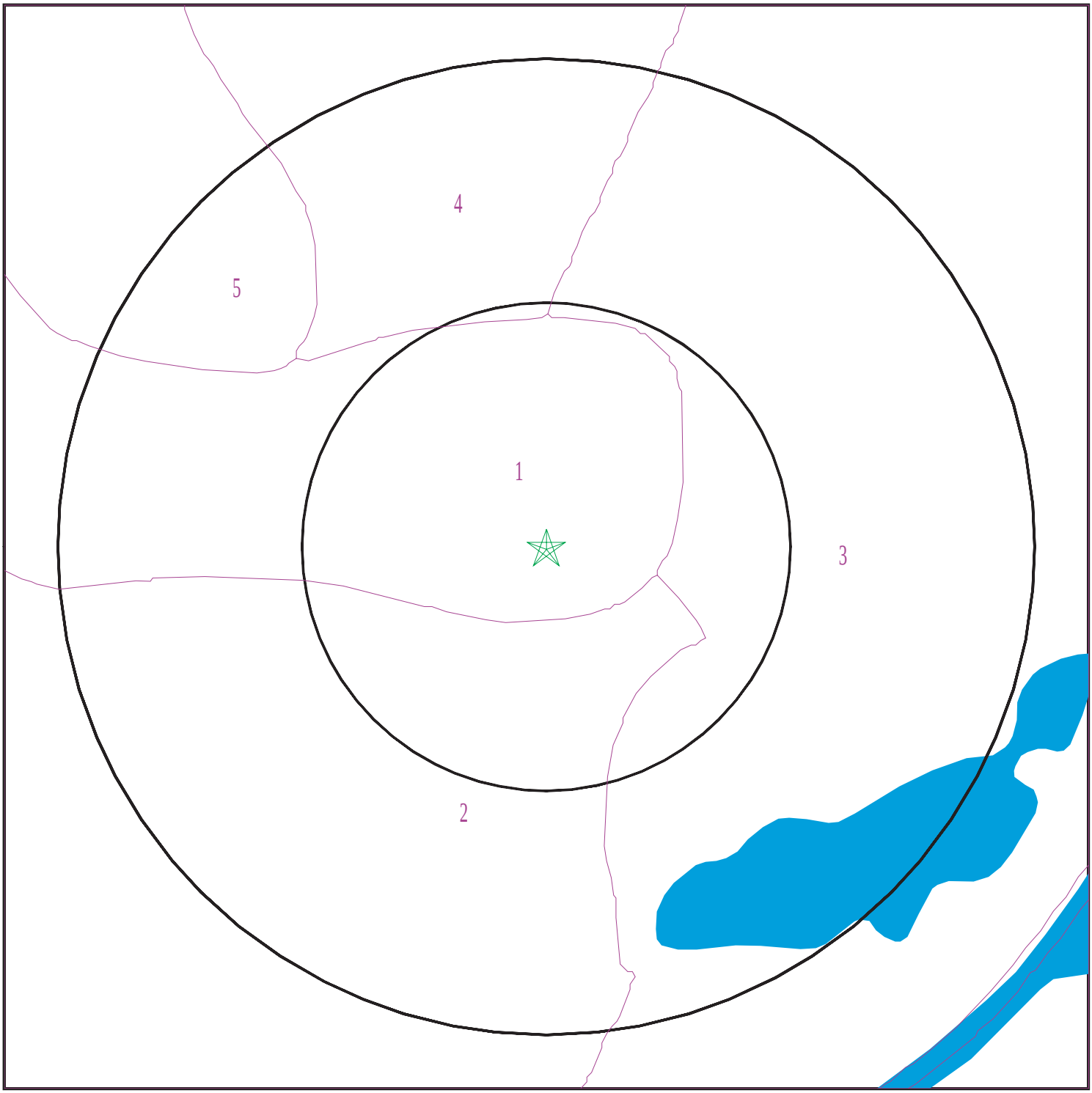
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7902313.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	3600 Airport Road	CLIENT:	Kim Lush
ADDRESS:	3600 Airport Road SACRAMENTO CA 95834	CONTACT:	Andrew Lush
		INQUIRY #:	7902313.2s
LAT/LONG:	38.633657 / 121.513438	DATE:	February 18, 2025 8:22 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CLEAR LAKE

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	14 inches	33 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	33 inches	48 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
4	48 inches	64 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: COSUMNES

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	20 inches	stratified silty clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	20 inches	42 inches	stratified clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	42 inches	59 inches	stratified clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: COSUMNES

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	20 inches	stratified silty clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	20 inches	42 inches	stratified clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	42 inches	59 inches	stratified clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 4

Soil Component Name: GALT

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	12 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	12 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	31 inches	59 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 5

Soil Component Name: CAPAY

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 168 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	5 inches	27 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
3	27 inches	66 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A7	USGS40000189629	0 - 1/8 Mile NNE
F29	USGS40000189593	1/2 - 1 Mile SSE
G31	USGS40000189635	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

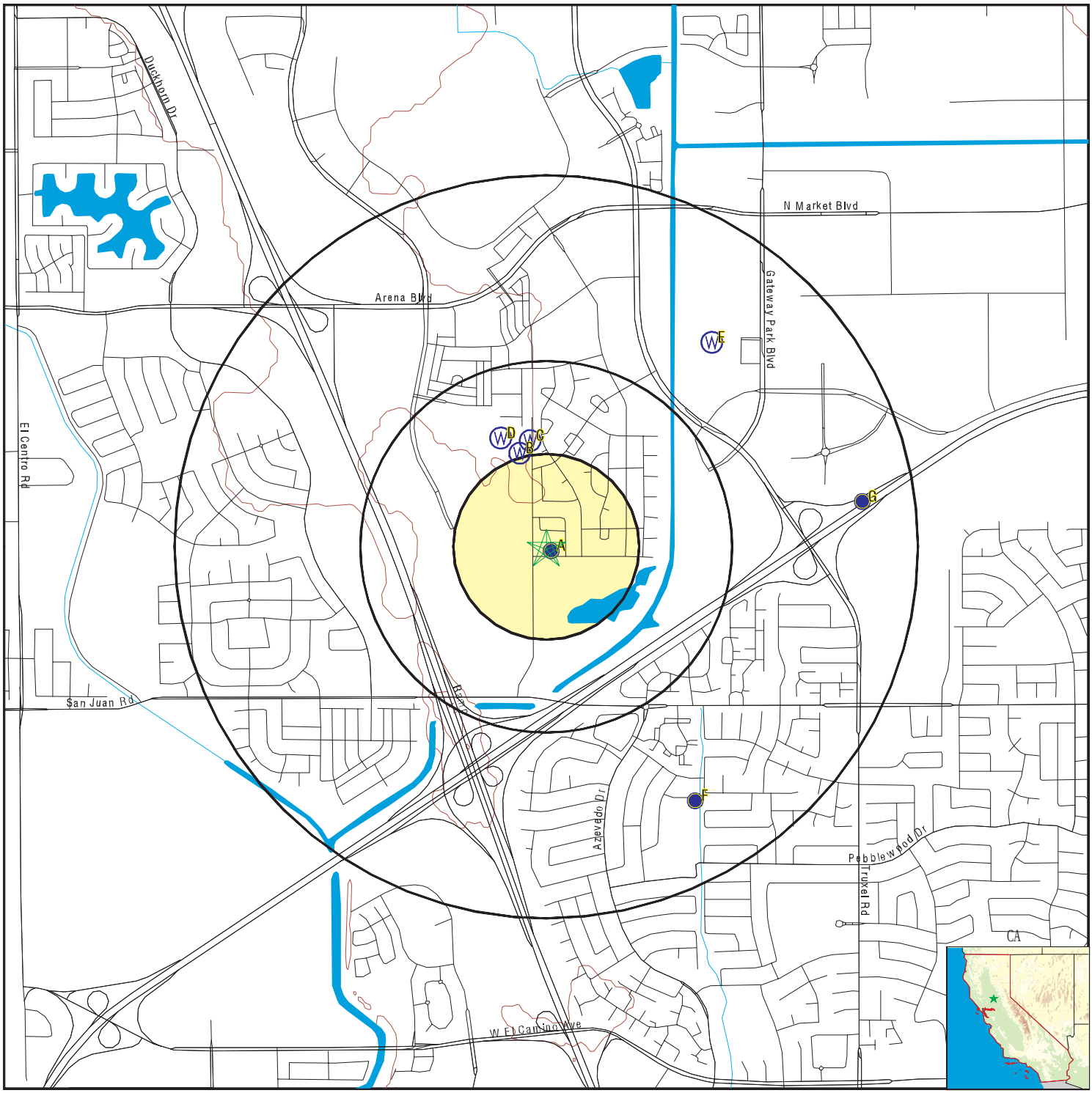
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000060194	0 - 1/8 Mile South
A2	CAEDF0000134038	0 - 1/8 Mile ESE
A3	CAEDF0000080269	0 - 1/8 Mile East
A4	CAEDF0000035661	0 - 1/8 Mile ESE
A5	CAEDF0000123253	0 - 1/8 Mile South
A6	CAEDF0000089773	0 - 1/8 Mile SSW
B8	CAEDF0000016076	1/8 - 1/4 Mile NNW
B9	CAEDF0000119571	1/8 - 1/4 Mile NNW
B10	CAEDF0000035542	1/8 - 1/4 Mile North
B11	CAEDF0000048247	1/8 - 1/4 Mile NNW
B12	CAEDF0000067965	1/4 - 1/2 Mile North
C13	CAEDF0000103630	1/4 - 1/2 Mile North
B14	CAEDF0000013181	1/4 - 1/2 Mile North
B15	CAEDF0000123799	1/4 - 1/2 Mile NNW
B16	CAEDF0000129508	1/4 - 1/2 Mile NNW
B17	CAEDF0000100659	1/4 - 1/2 Mile NNW
B18	CAEDF0000074545	1/4 - 1/2 Mile NNW
B19	CAEDF0000046411	1/4 - 1/2 Mile NNW
B20	CAEDF0000081065	1/4 - 1/2 Mile NNW
B21	CAEDF0000137605	1/4 - 1/2 Mile North
C22	CAEDF0000068171	1/4 - 1/2 Mile NNW
C23	CAEDF0000040298	1/4 - 1/2 Mile NNW
D24	CAEDF0000034100	1/4 - 1/2 Mile NNW
D25	CAEDF0000016365	1/4 - 1/2 Mile NNW
E26	CAEDF0000054416	1/2 - 1 Mile NE
E27	CAEDF0000054646	1/2 - 1 Mile NE
E28	CAEDF0000060532	1/2 - 1 Mile NE
F30	CAUSGSN00015112	1/2 - 1 Mile SSE
G32	CAUSGSN00006494	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 7902313.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	3600 Airport Road	CLIENT:	Kim Lush
ADDRESS:	3600 Airport Road SACRAMENTO CA 95834	CONTACT:	Andrew Lush
		INQUIRY #:	7902313.2s
LAT/LONG:	38.633657 / 121.513438	DATE:	February 18, 2025 8:21 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
South
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000060194**

Well ID:	T0606727901-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606727901&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606727901&assigned_name=MW-4		

A2
ESE
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000134038**

Well ID:	T0606727901-MW-3B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606727901&assigned_name=MW-3B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606727901&assigned_name=MW-3B		

A3
East
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000080269**

Well ID:	T0606727901-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606727901&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606727901&assigned_name=MW-2		

A4
ESE
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000035661**

Well ID:	T0606727901-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606727901&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606727901&assigned_name=MW-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
South
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000123253**

Well ID:	T0606727901-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606727901&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606727901&assigned_name=MW-6		

A6
SSW
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000089773**

Well ID:	T0606727901-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606727901&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606727901&assigned_name=MW-5		

A7
NNE
0 - 1/8 Mile
Higher | **FED USGS** | **USGS40000189629**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N004E14L001M	Type:	Well
Description:	Not Reported	HUC:	18020109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19800910	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	156
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1982-08-16
Feet below surface:	11.77	Feet to sea level:	Not Reported
Note:	Not Reported		

B8
NNW
1/8 - 1/4 Mile
Higher | **CA WELLS** | **CAEDF0000016076**

Well ID:	T0606700952-MW9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW9

B9
NNW
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000119571**

Well ID: T0606700952-MW-9 Well Type: MONITORING
Source: EDF Other Name: MW-9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW-9

B10
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000035542**

Well ID: T0606700952-MW-14 Well Type: MONITORING
Source: EDF Other Name: MW-14
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW-14&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW-14

B11
NNW
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000048247**

Well ID: T0606700952-MW8 Well Type: MONITORING
Source: EDF Other Name: MW8
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW8&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW8

B12
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000067965**

Well ID: T0606700952-MW-13 Well Type: MONITORING
Source: EDF Other Name: MW-13
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW-13&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW-13

C13
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000103630**

Well ID:	T0606700952-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW-15		

B14
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000013181**

Well ID:	T0606700952-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW-12		

B15
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000123799**

Well ID:	T0606700952-MW10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW10		

B16
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000129508**

Well ID:	T0606700952-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW-10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B17
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000100659**

Well ID:	T0606700952-MW11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW11		

B18
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000074545**

Well ID:	T0606700952-MW-S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW-S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW-S		

B19
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000046411**

Well ID:	T0606700952-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW-7		

B20
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000081065**

Well ID:	T0606700952-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW7		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B21
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000137605**

Well ID:	T0606700952-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW4		

C22
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000068171**

Well ID:	T0606700952-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW-5		

C23
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000040298**

Well ID:	T0606700952-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW5		

D24
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000034100**

Well ID:	T0606700952-MW6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D25
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000016365**

Well ID:	T0606700952-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700952&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700952&assigned_name=MW-6		

E26
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000054416**

Well ID:	T0606737407-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606737407&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606737407&assigned_name=MW-1		

E27
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000054646**

Well ID:	T0606737407-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606737407&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606737407&assigned_name=MW-3		

E28
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000060532**

Well ID:	T0606737407-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606737407&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606737407&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F29
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000189593**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N004E23A001M	Type:	Well
Description:	NAWQA DATA ENTRY COM VER 9.30.99 DAWSON BJ		
HUC:	18020109	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Central Valley aquifer system
Formation Type:	Sacramento Valley Aquifer	Aquifer Type:	Unconfined single aquifer
Construction Date:	19971001	Well Depth:	36.5
Well Depth Units:	ft	Well Hole Depth:	36.5
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	3	Level reading date:	2004-05-26
Feet below surface:	11.10	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1998-08-06	Feet below surface:	11.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-08	Feet below surface:	8
Feet to sea level:	Not Reported	Note:	Not Reported

F30
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00015112**

Well ID:	USGS-383727121301801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-383727121301801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-383727121301801&store_num=		
GeoTracker Data:	Not Reported		

G31
East
1/2 - 1 Mile
Lower

FED USGS **USGS40000189635**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	009N004E13F001M	Type:	Well
Description:	Not Reported	HUC:	18020109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19680607	Well Depth:	190
Well Depth Units:	ft	Well Hole Depth:	190
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-06-07
Feet below surface:	19.00	Feet to sea level:	Not Reported
Note:	Not Reported		

G32
East
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00006494**

Well ID:	USGS-383808121294801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-383808121294801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-383808121294801&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95834	39	0

Federal EPA Radon Zone for SACRAMENTO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SACRAMENTO COUNTY, CA

Number of sites tested: 52

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.665 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.200 pCi/L	100%	0%	0%
Basement	8.350 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

Geothermal Wells Listing
Department of Conservation
Telephone: 916-445-9686
Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservations Geologic Energy Management Division (CalGEM, formerly DOGGR).

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

APPENDIX B-3
EDR AERIAL PHOTO REPORT

3600 Airport Road

3600 Airport Road

SACRAMENTO, CA 95834

Inquiry Number: 7902313.8

February 18, 2025

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

02/18/25

Site Name:

3600 Airport Road
3600 Airport Road
SACRAMENTO, CA 95834
EDR Inquiry # 7902313.8

Client Name:

Kim Lush
3706 Solomon Island Rd
West Sacramento, CA 95691
Contact: Andrew Lush

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Acquisition Date: January 01, 1998	USGS/DOQQ
1993	1"=500'	Acquisition Date: June 15, 1993	USGS/DOQQ
1984	1"=500'	Flight Date: June 29, 1984	USDA
1972	1"=500'	Flight Date: July 27, 1972	USDA
1966	1"=500'	Flight Date: August 04, 1966	USGS
1964	1"=500'	Flight Date: May 19, 1964	USDA
1957	1"=500'	Flight Date: September 12, 1957	USDA
1953	1"=500'	Flight Date: April 23, 1953	USDA
1947	1"=500'	Flight Date: July 28, 1947	USGS
1937	1"=500'	Flight Date: August 18, 1937	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

INQUIRY #: 7902313.8

YEAR: 2020

= 500'

N

EDR

INQUIRY #: 7902313.8

YEAR: 2016

= 500'

N

EDR


INQUIRY #: 7902313.8
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 7902313.8

YEAR: 2009

= 500'

N

EDR

INQUIRY #: 7902313.8

YEAR: 2006

= 500'

N

EDR

INQUIRY #: 7902313.8

YEAR: 1998

= 500'

N

EDR

INQUIRY #: 7902313.8

YEAR: 1993

= 500'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 7902313.8

YEAR: 1984

= 500'

N

EDR

INQUIRY #: 7902313.8

YEAR: 1972

= 500'

N

EDR

INQUIRY #: 7902313.8

YEAR: 1966

= 500'

N

EDR

INQUIRY #: 7902313.8

YEAR: 1964

= 500'

N

EDR

INQUIRY #: 7902313.8

YEAR: 1957

= 500'

N

EDR

INQUIRY #: 7902313.8

YEAR: 1953

= 500'

N

EDR

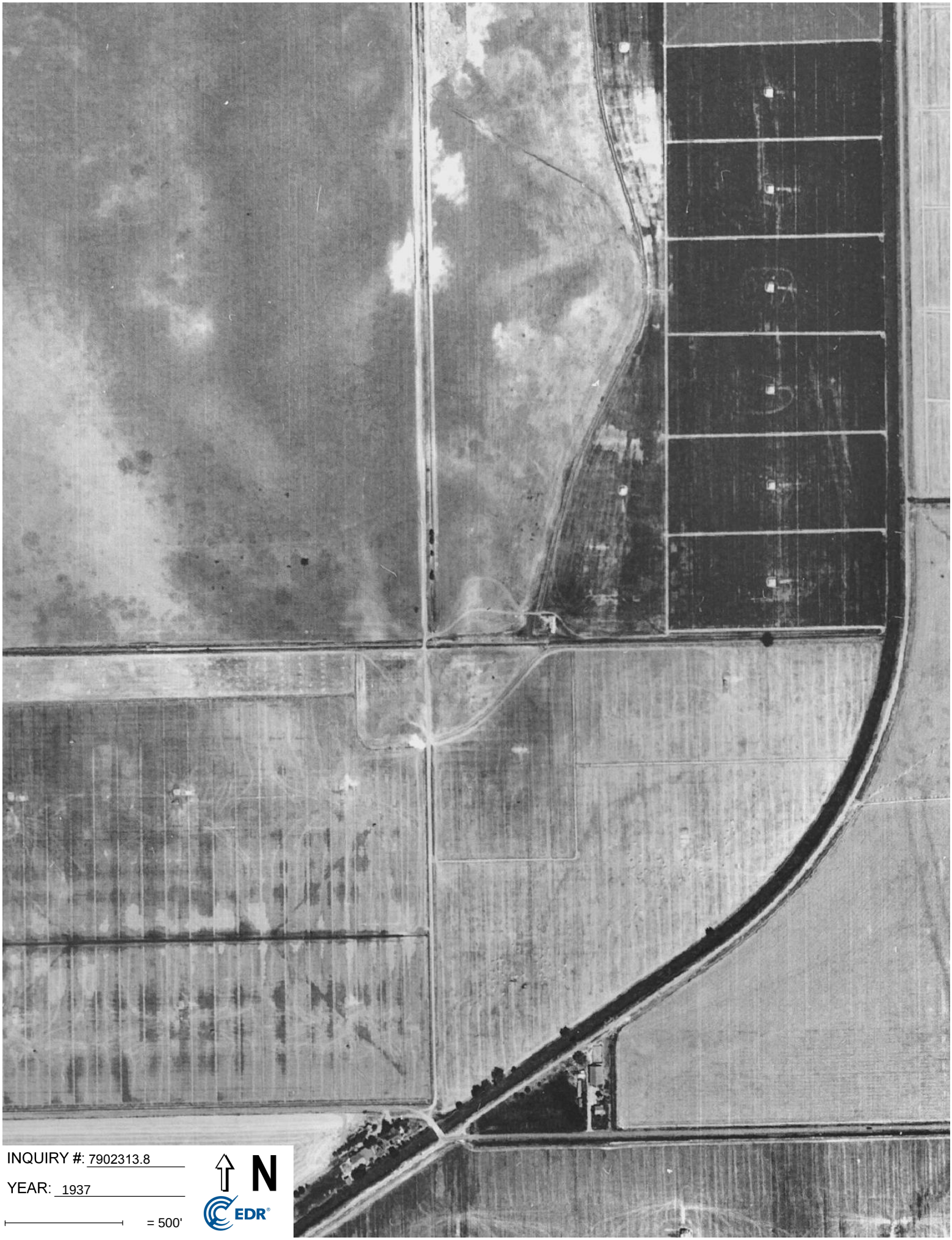
INQUIRY #: 7902313.8

YEAR: 1947

= 500'

N

EDR



INQUIRY #: 7902313.8

YEAR: 1937

= 500'

N

EDR

APPENDIX B-4
EDR SANBORN MAP REPORT

3600 Airport Road

3600 Airport Road

SACRAMENTO, CA 95834

Inquiry Number: 7902313.3

February 18, 2025

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/18/25

Site Name:	Client Name:
3600 Airport Road	Kim Lush
3600 Airport Road	3706 Solomon Island Rd
SACRAMENTO, CA 95834	West Sacramento, CA 95691
EDR Inquiry # 7902313.3	Contact: Andrew Lush

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Kim Lush were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 99DE-4859-8FAA

PO # NA

Project 3600 Airport Road

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 99DE-4859-8FAA

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Kim Lush (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

APPENDIX B-5
EDR TOPOGRAPHIC MAP REPORT

3600 Airport Road

3600 Airport Road

SACRAMENTO, CA 95834

Inquiry Number: 7902313.4

February 18, 2025

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

02/18/25

Site Name:	Client Name:
3600 Airport Road	Kim Lush
3600 Airport Road	3706 Solomon Island Rd
SACRAMENTO, CA 95834	West Sacramento, CA 95691
EDR Inquiry # 7902313.4	Contact: Andrew Lush

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Kim Lush were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	NA	**Latitude:**	38.633657 38° 38' 1" North
Project:	3600 Airport Road	**Longitude:**	-121.513438 -121° 30' 48" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	629388.39
		UTM Y Meters:	4277172.48
		Elevation:	13.57' above sea level

Maps Provided:

2022, 2021	1954
2018	1951
2015	1950
2012	1948
1992	1911, 1915, 1916
1980	1902, 1907
1975	
1967	

Topo Sheet Key

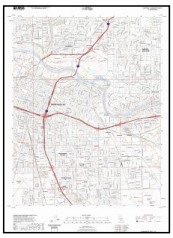
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2022, 2021 Source Sheets

Rio Linda
2022
7.5-minute, 24000

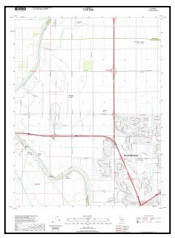
Sacramento West
2022
7.5-minute, 24000

Taylor Monument
2021
7.5-minute, 24000



Sacramento East
2021
7.5-minute, 24000

2018 Source Sheets



Taylor Monument
2018
7.5-minute, 24000

Rio Linda
2018
7.5-minute, 24000

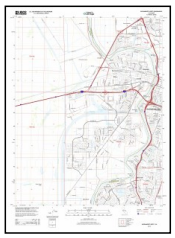
Sacramento West
2018
7.5-minute, 24000

Sacramento East
2018
7.5-minute, 24000

2015 Source Sheets

Taylor Monument
2015
7.5-minute, 24000

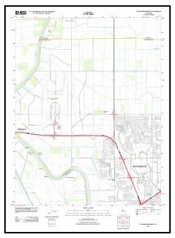
Rio Linda
2015
7.5-minute, 24000



Sacramento West
2015
7.5-minute, 24000

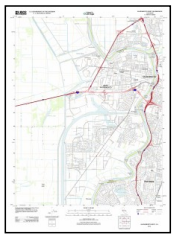
Sacramento East
2015
7.5-minute, 24000

2012 Source Sheets



Taylor Monument
2012
7.5-minute, 24000

Rio Linda
2012
7.5-minute, 24000



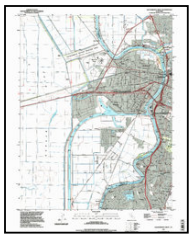
Sacramento West
2012
7.5-minute, 24000

Sacramento East
2012
7.5-minute, 24000

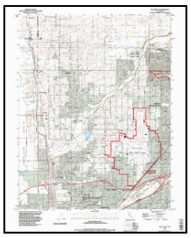
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1992 Source Sheets



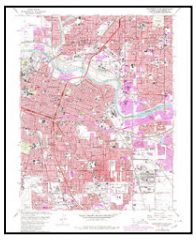
Sacramento West
1992
7.5-minute, 24000
Aerial Photo Revised 1992



Rio Linda
1992
7.5-minute, 24000
Aerial Photo Revised 1992

Sacramento East
1992
7.5-minute, 24000
Aerial Photo Revised 1992

1980 Source Sheets



Sacramento East
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Taylor Monument
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Rio Linda
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Sacramento West
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1975 Source Sheets

Taylor Monument
1975
7.5-minute, 24000
Aerial Photo Revised 1975

Rio Linda
1975
7.5-minute, 24000
Aerial Photo Revised 1975

Sacramento East
1975
7.5-minute, 24000
Aerial Photo Revised 1975

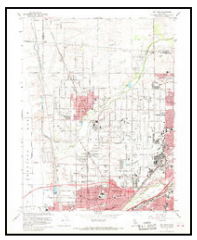
Sacramento West
1975
7.5-minute, 24000
Aerial Photo Revised 1975

1967 Source Sheets

Taylor Monument
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Sacramento West
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Sacramento East
1967
7.5-minute, 24000
Aerial Photo Revised 1966

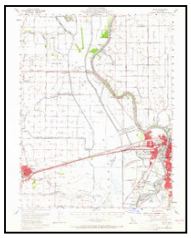


Rio Linda
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1954 Source Sheets



Davis
1954
15-minute, 62500

Fair Oaks
1954
15-minute, 62500

1951 Source Sheets

Rio Linda
1951
7.5-minute, 24000
Aerial Photo Revised 1947

Taylor Monument
1951
7.5-minute, 24000
Aerial Photo Revised 1947

1950 Source Sheets

Taylor Monument
1950
7.5-minute, 24000
Aerial Photo Revised 1947

Rio Linda
1950
7.5-minute, 24000
Aerial Photo Revised 1947

1948 Source Sheets

Sacramento West
1948
7.5-minute, 24000
Aerial Photo Revised 1947

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1911, 1915, 1916 Source Sheets

Arcade
1911
7.5-minute, 31680

Brighton
1911
7.5-minute, 31680

Elkhorn Weir
1915
7.5-minute, 31680

Lovdal
1916
7.5-minute, 31680

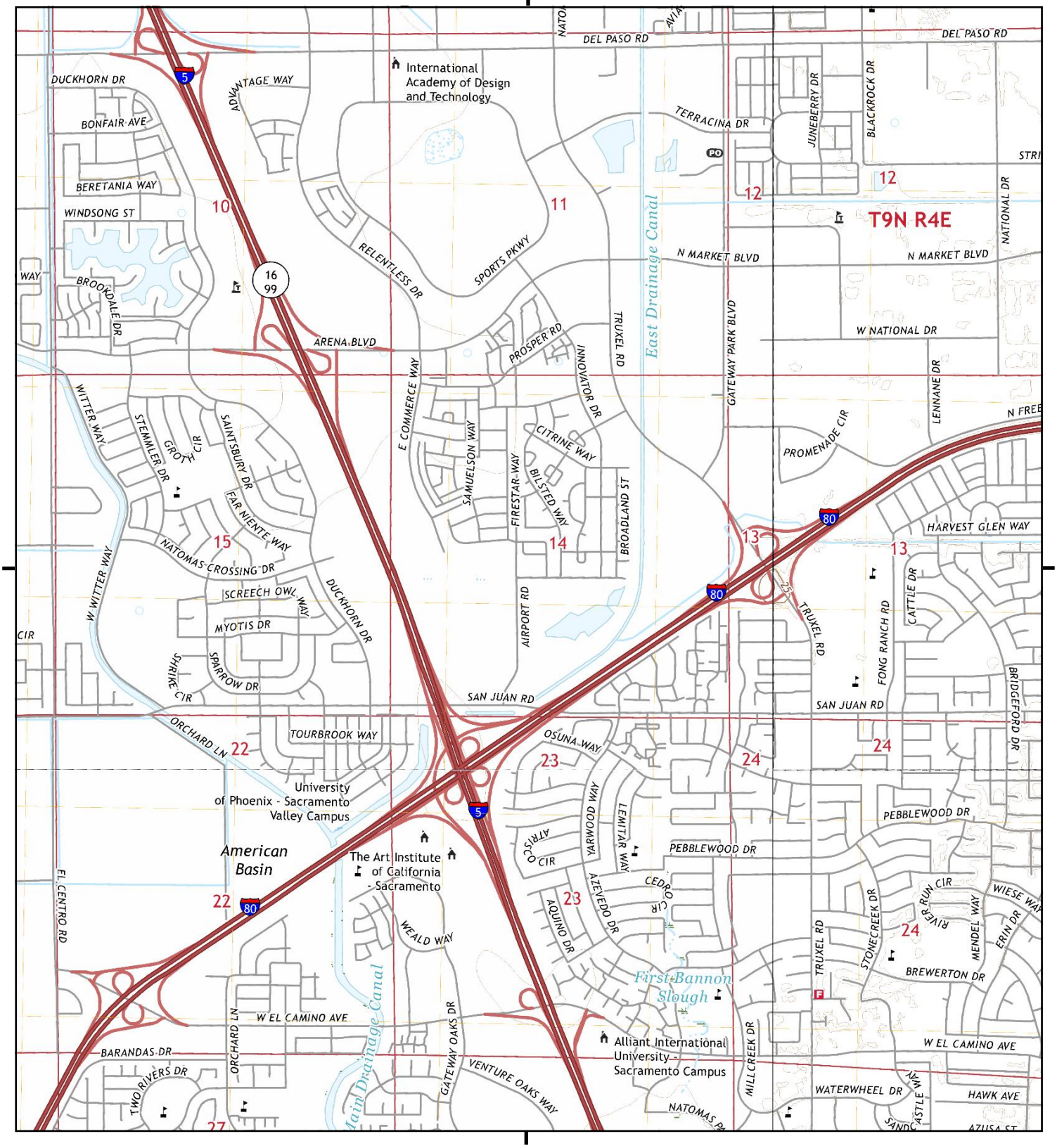
1902, 1907 Source Sheets

Fairoaks
1902
15-minute, 62500

Davisville
1907
15-minute, 62500

Historical Topo Map

2022, 2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

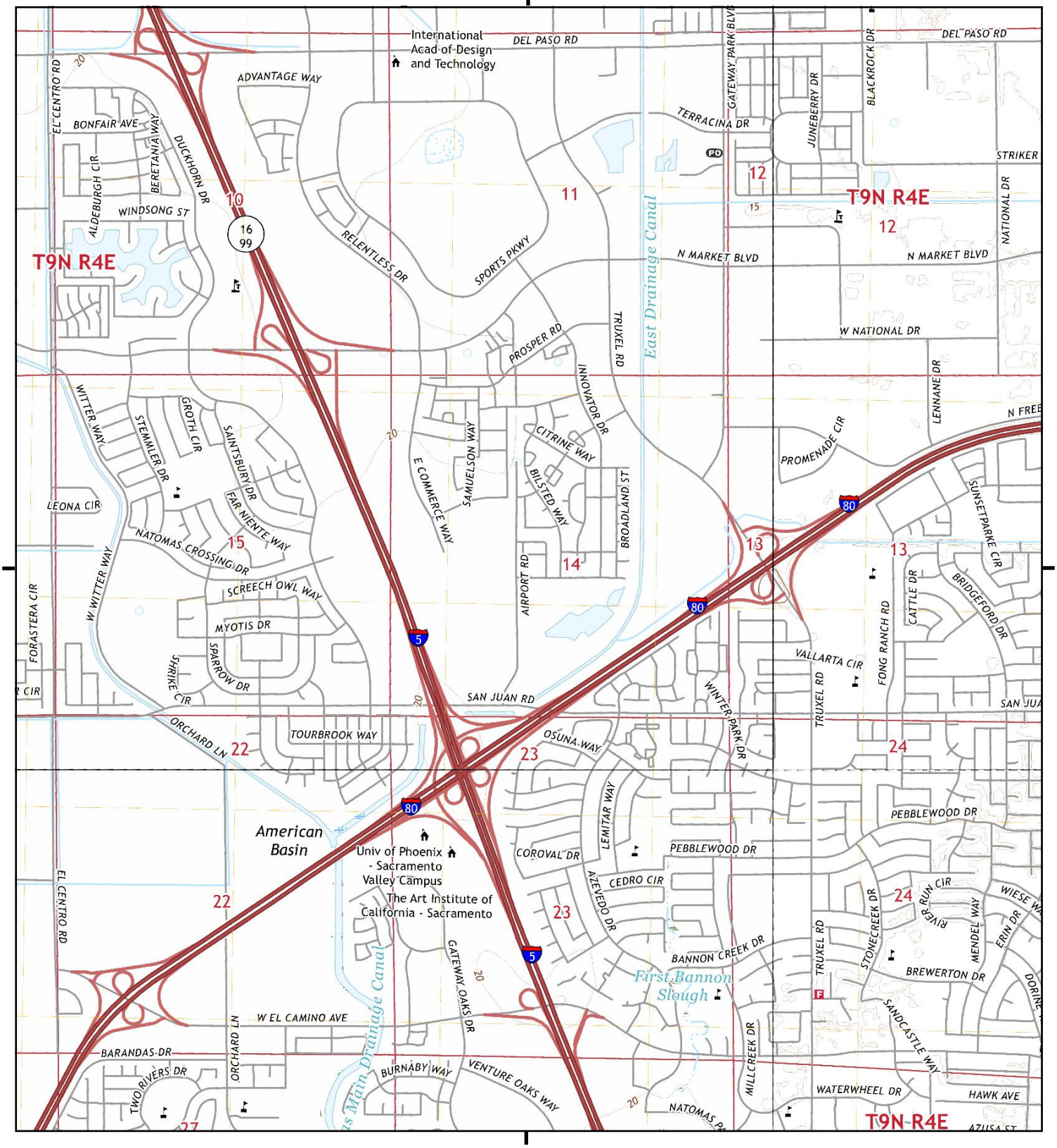
TP, Taylor Monument, 2021, 7.5-minute
NE, Rio Linda, 2022, 7.5-minute
SE, Sacramento East, 2021, 7.5-minute
SW, Sacramento West, 2022, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

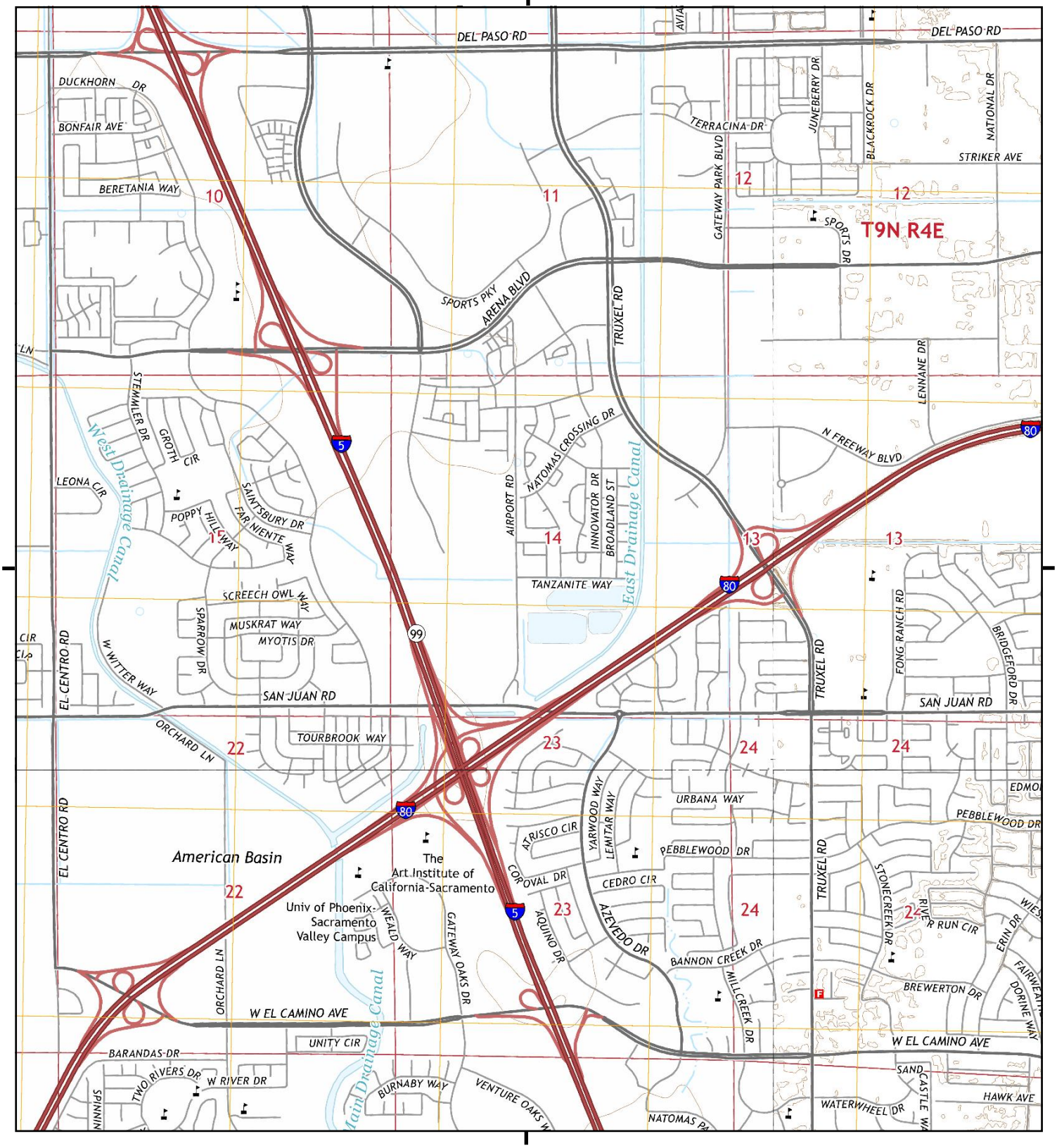
TP, Taylor Monument, 2018, 7.5-minute
NE, Rio Linda, 2018, 7.5-minute
SE, Sacramento East, 2018, 7.5-minute
SW, Sacramento West, 2018, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

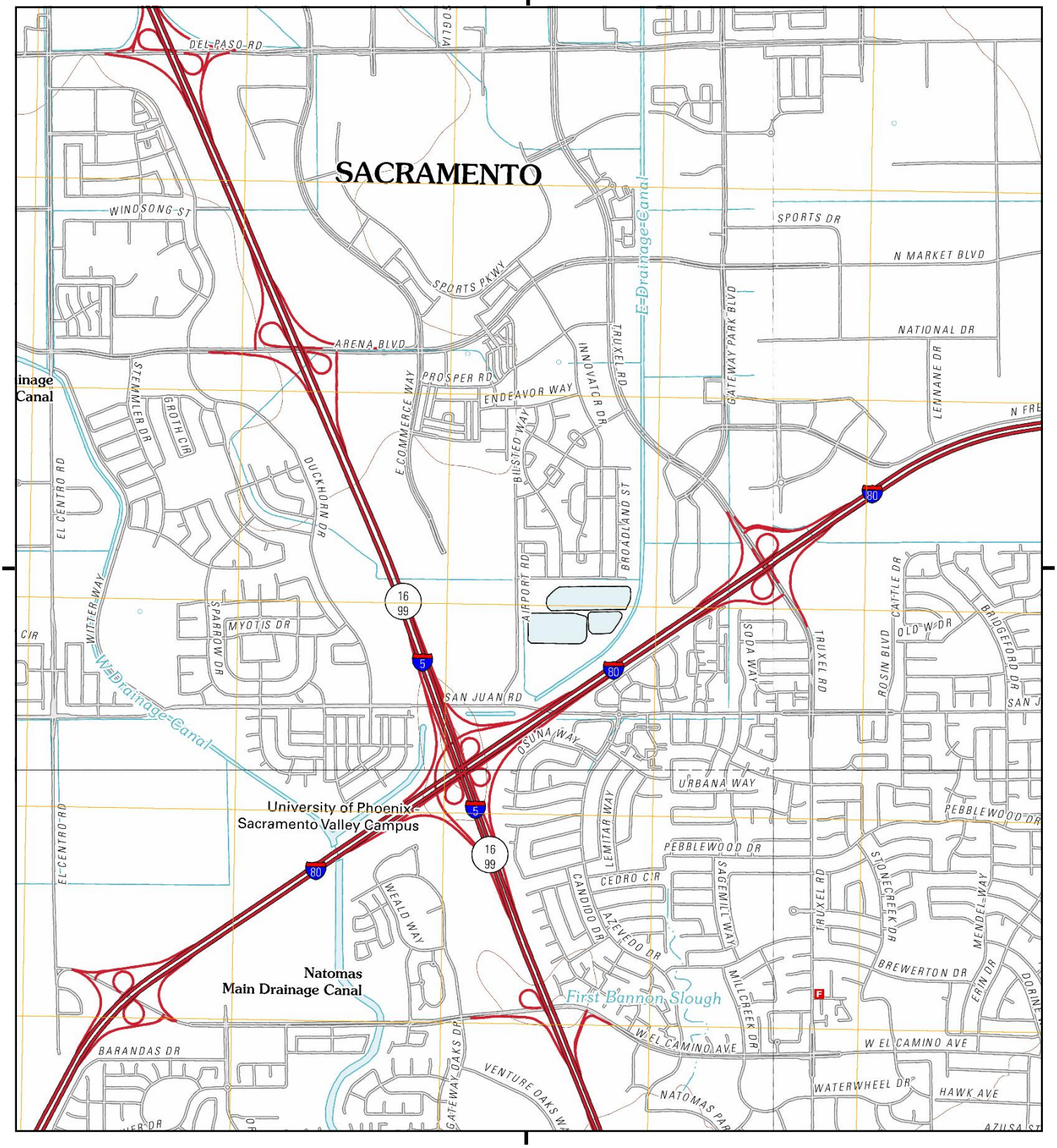
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Taylor Monument, 2015, 7.5-minute
NE, Rio Linda, 2015, 7.5-minute
SE, Sacramento East, 2015, 7.5-minute
SW, Sacramento West, 2015, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

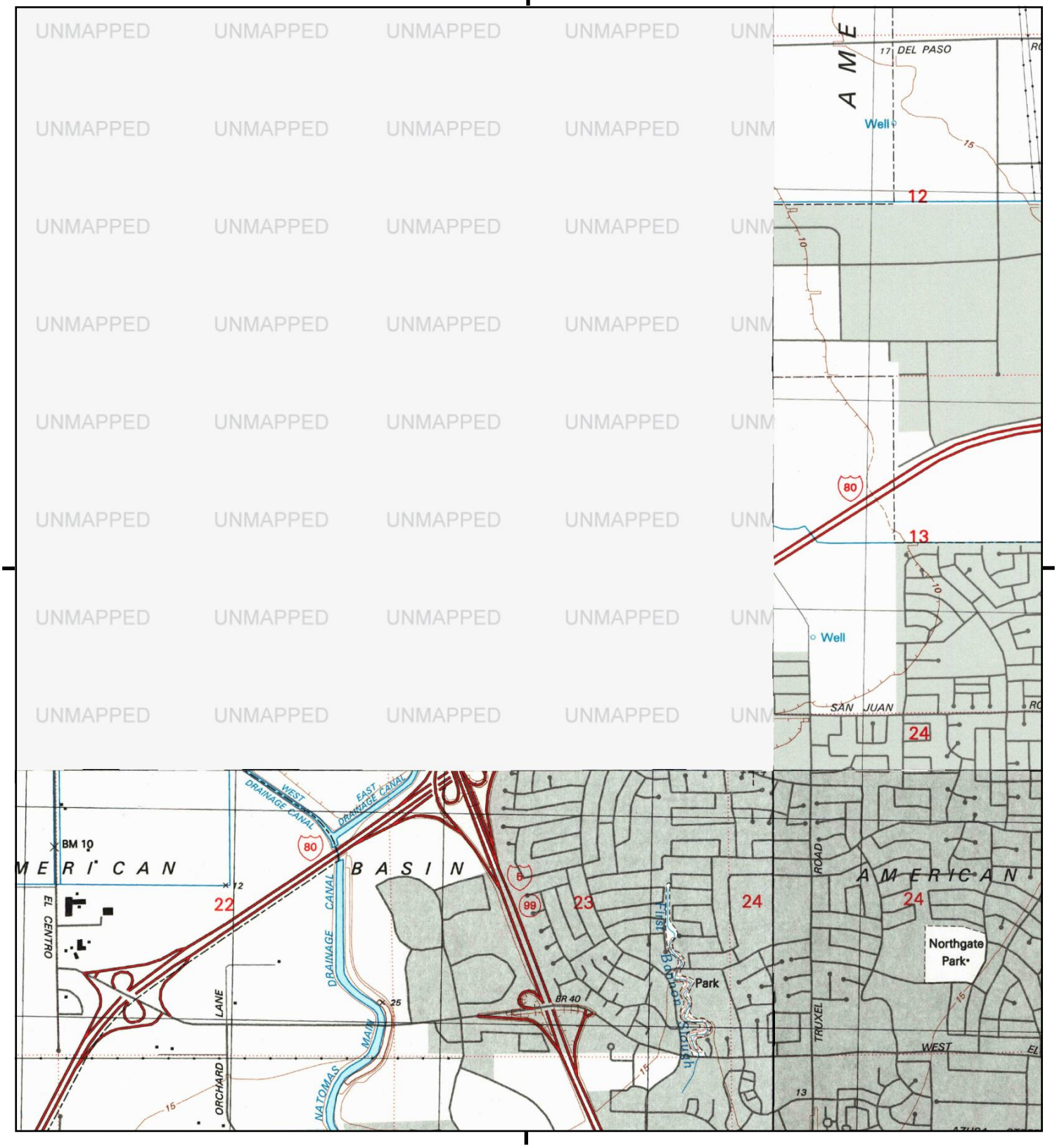
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Taylor Monument, 2012, 7.5-minute
NE, Rio Linda, 2012, 7.5-minute
SE, Sacramento East, 2012, 7.5-minute
SW, Sacramento West, 2012, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

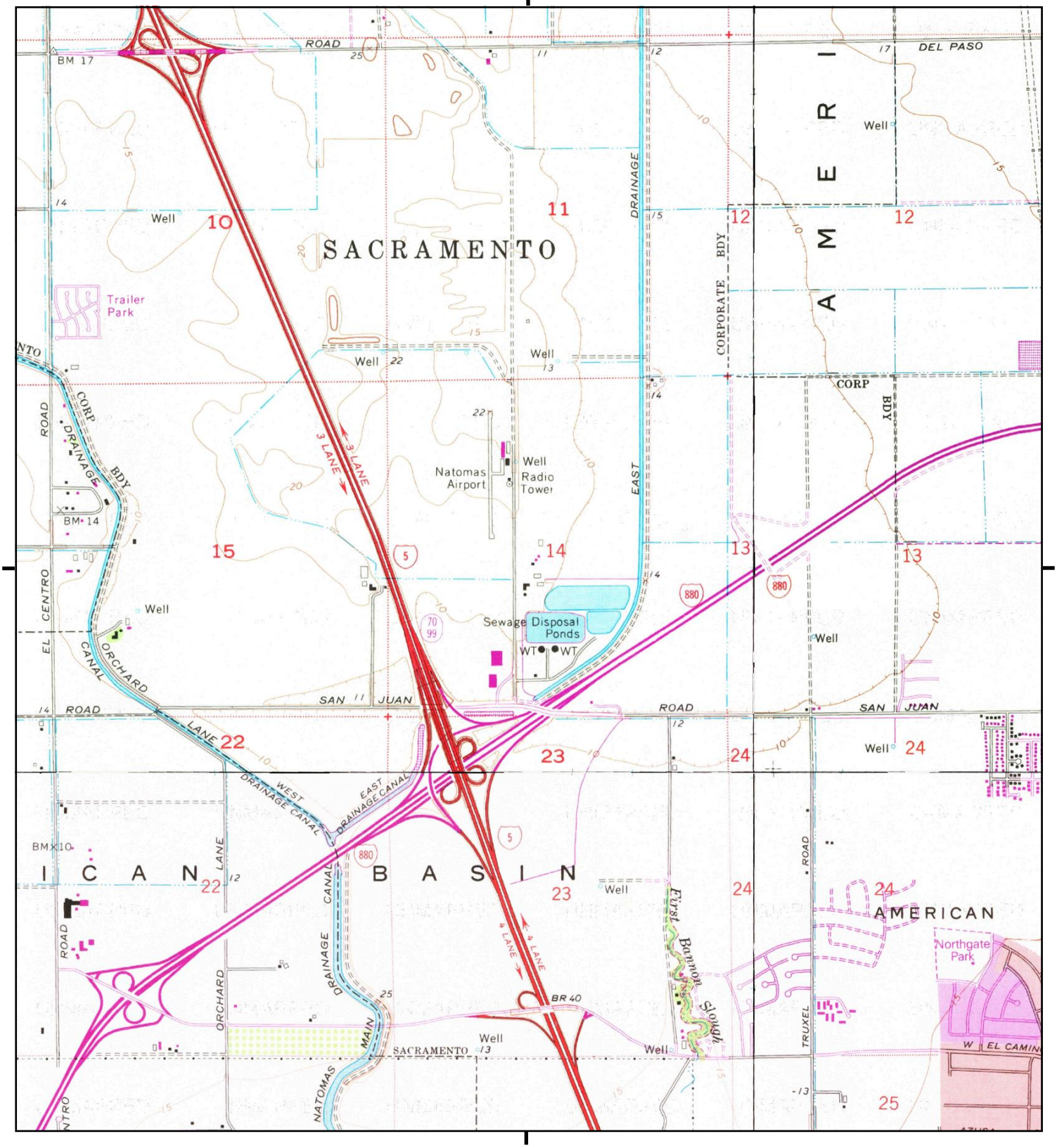
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

NE, Rio Linda, 1992, 7.5-minute
SE, Sacramento East, 1992, 7.5-minute
SW, Sacramento West, 1992, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

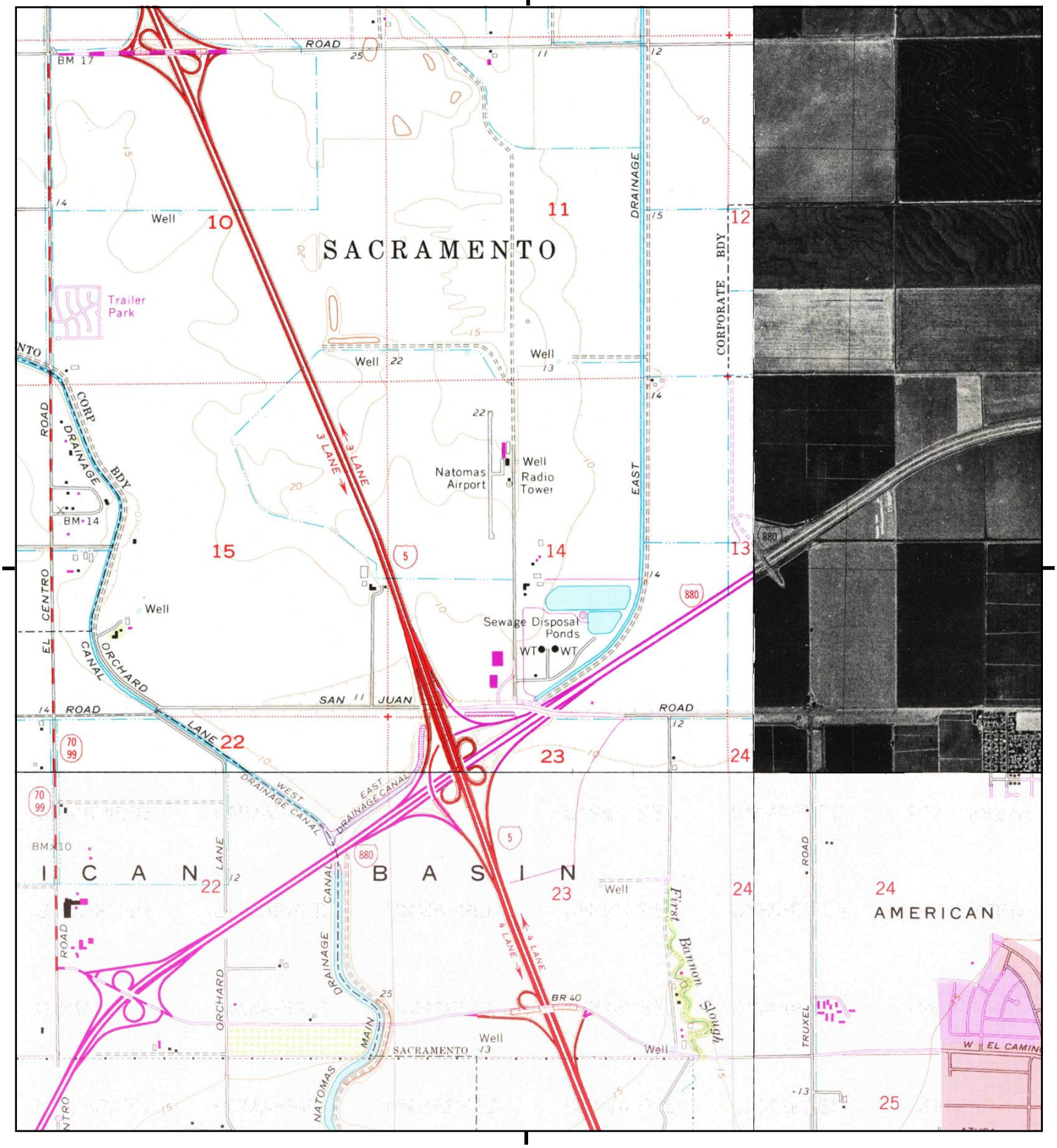
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Taylor Monument, 1980, 7.5-minute
NE, Rio Linda, 1980, 7.5-minute
SE, Sacramento East, 1980, 7.5-minute
SW, Sacramento West, 1980, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

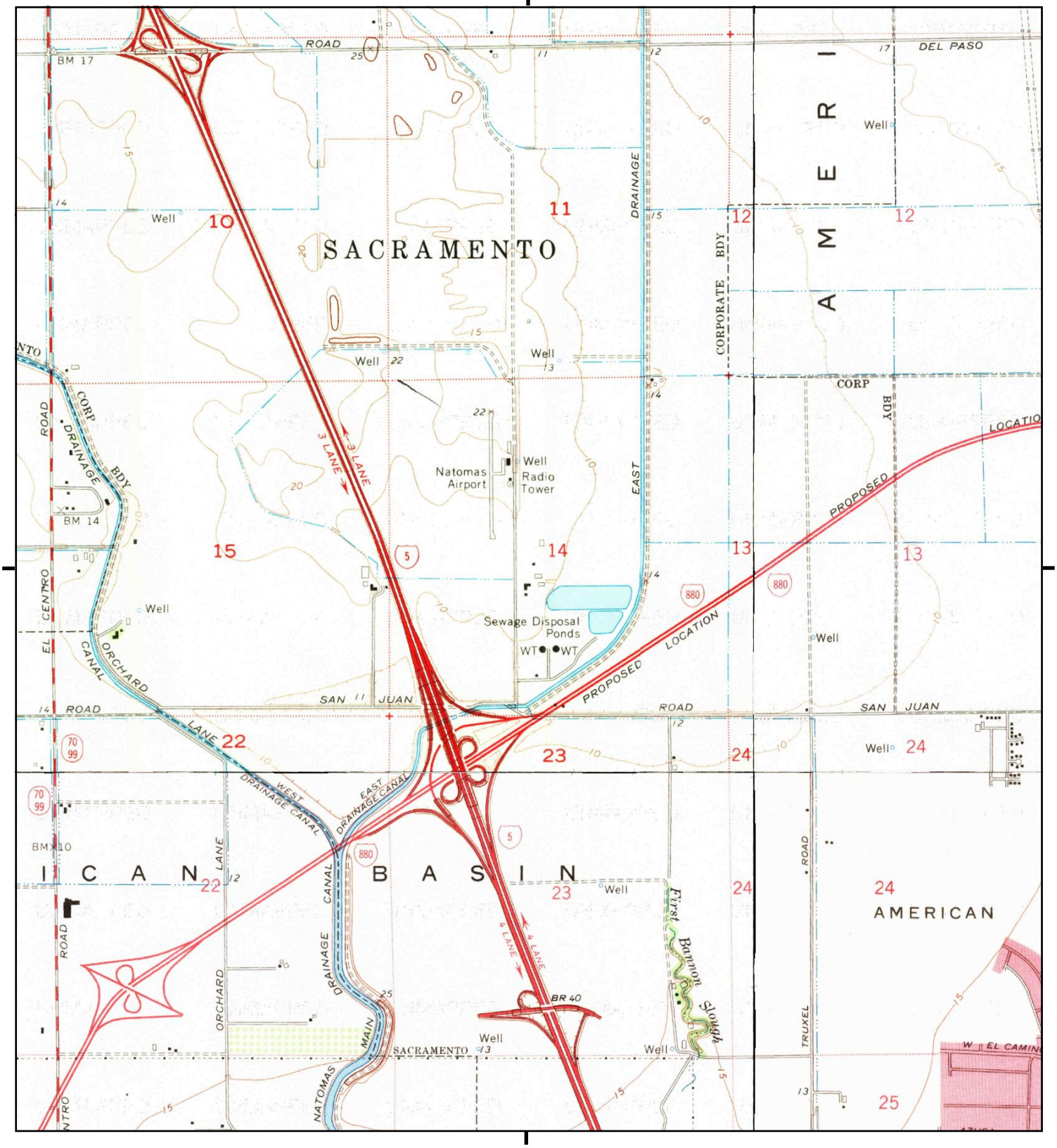
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Taylor Monument, 1975, 7.5-minute
NE, Rio Linda, 1975, 7.5-minute
SE, Sacramento East, 1975, 7.5-minute
SW, Sacramento West, 1975, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

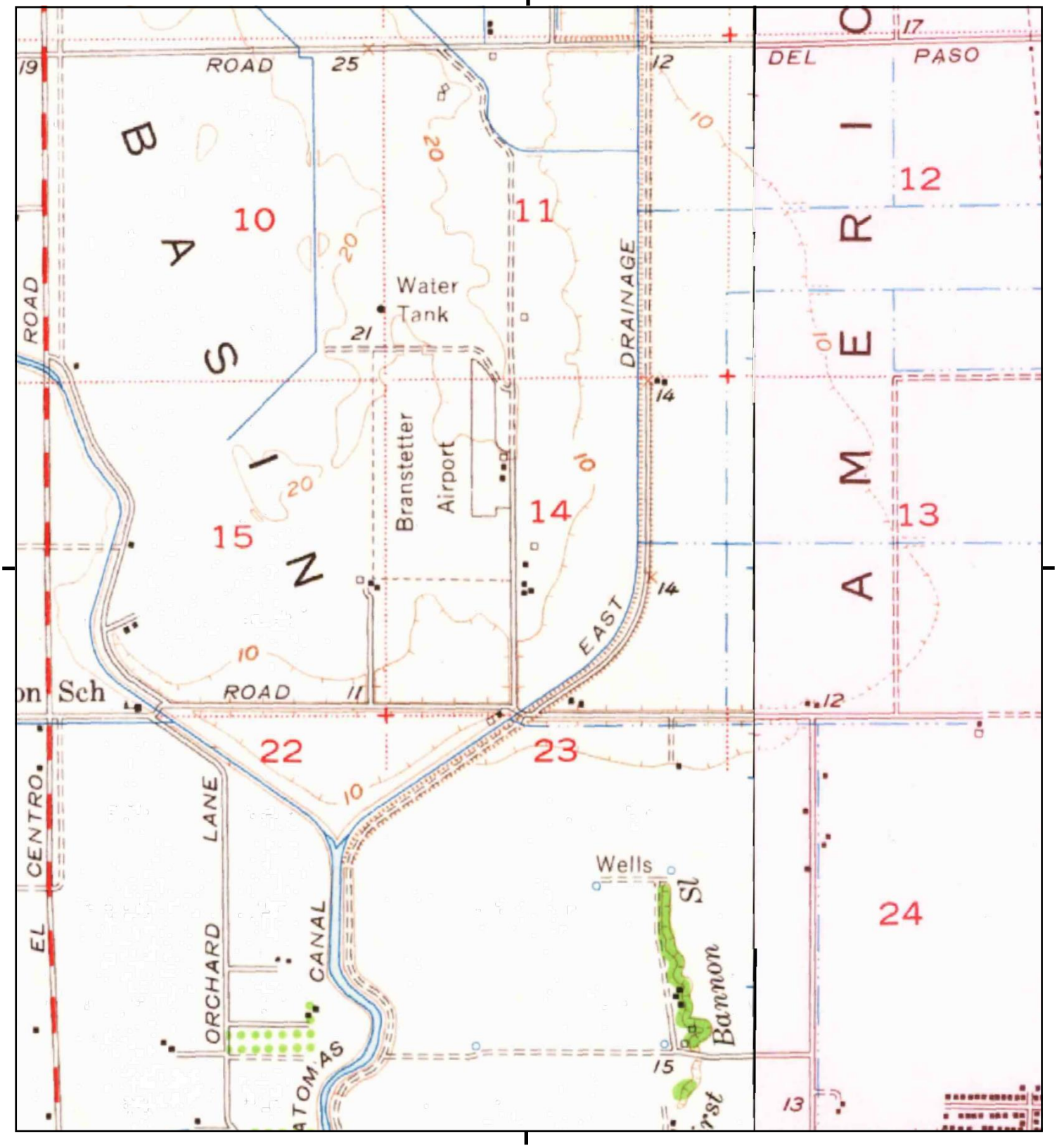
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Taylor Monument, 1967, 7.5-minute
NE, Rio Linda, 1967, 7.5-minute
SE, Sacramento East, 1967, 7.5-minute
SW, Sacramento West, 1967, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

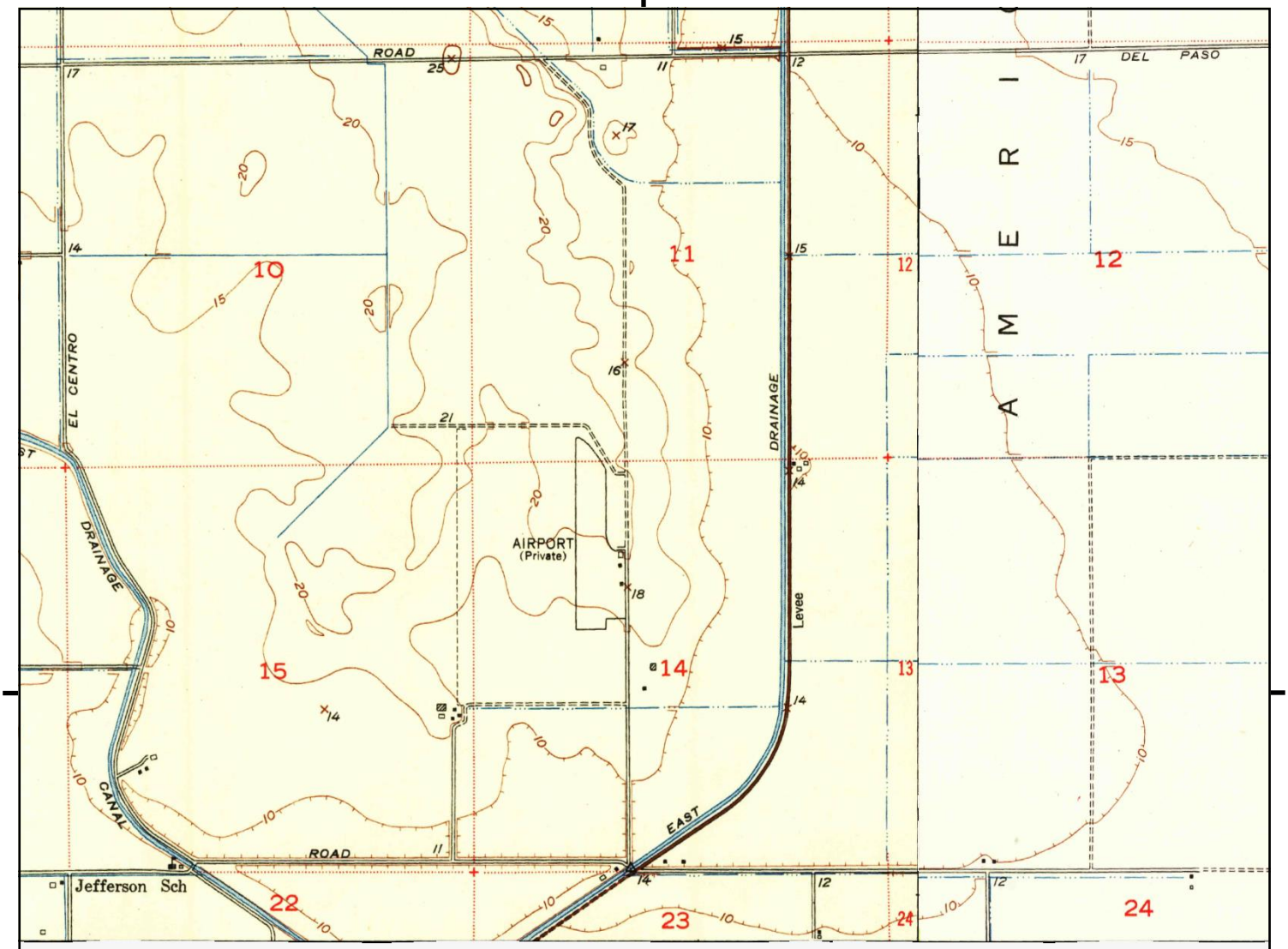
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Davis, 1954, 15-minute
E, Fair Oaks, 1954, 15-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

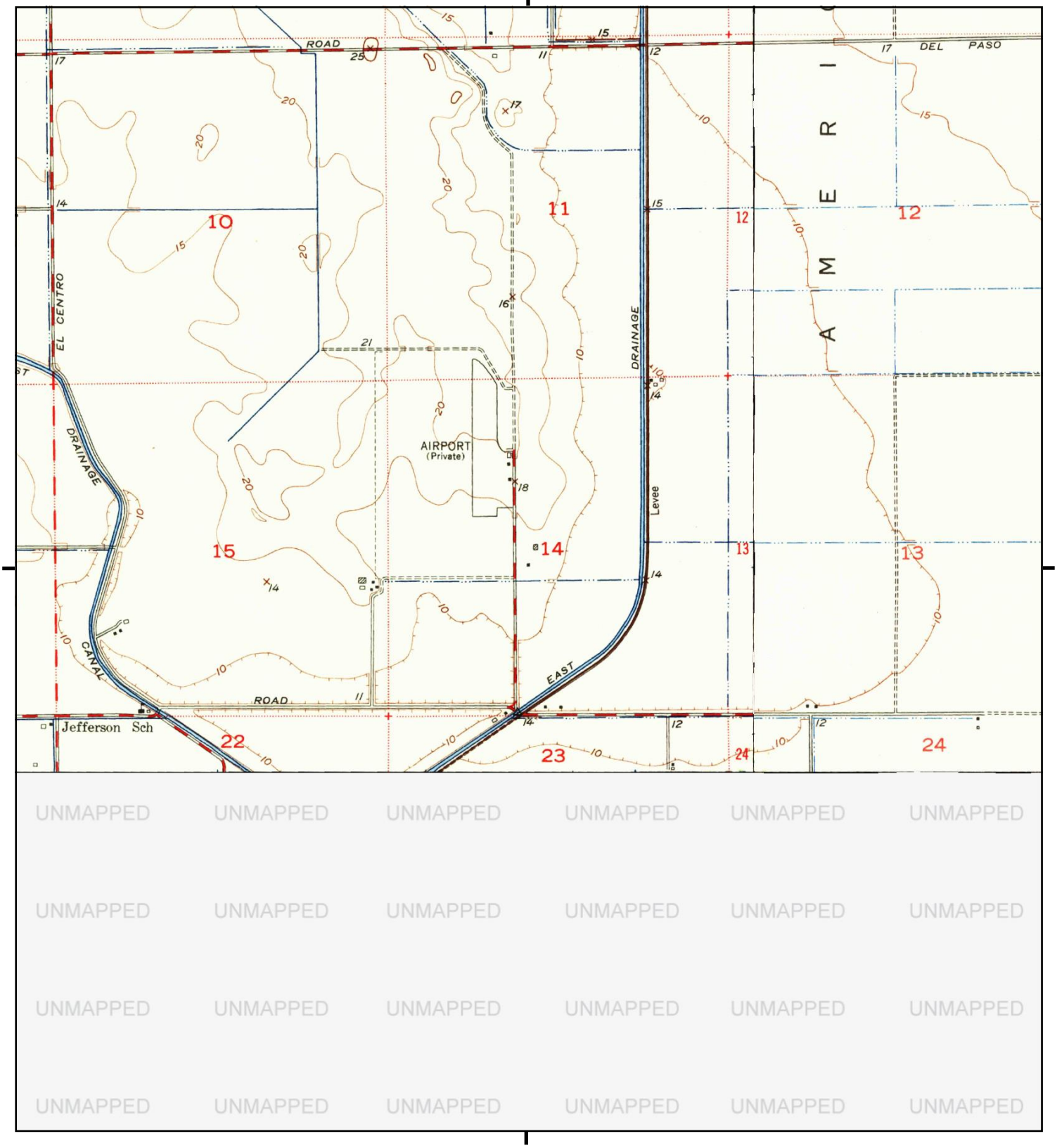
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Taylor Monument, 1951, 7.5-minute
NE, Rio Linda, 1951, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

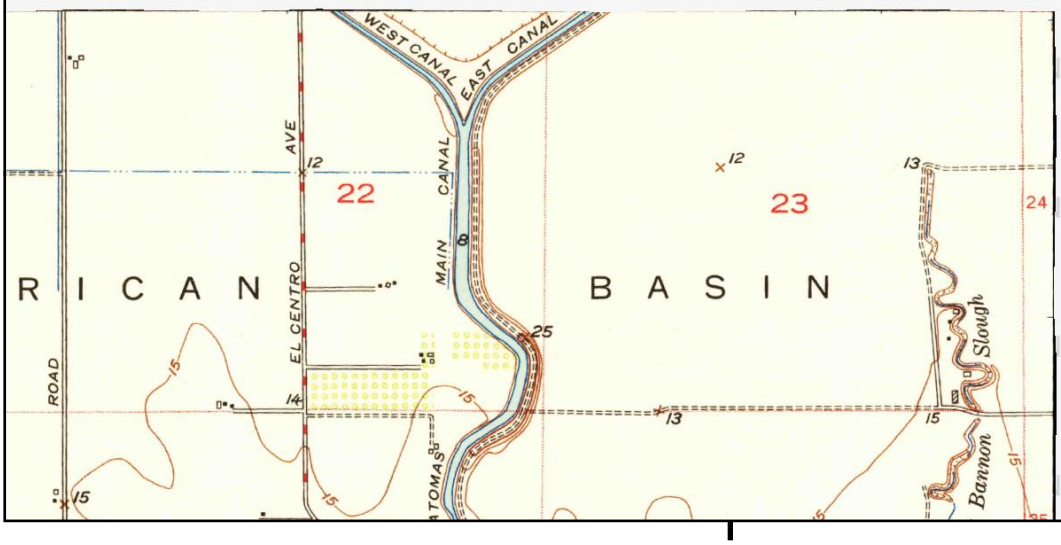
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Taylor Monument, 1950, 7.5-minute
NE, Rio Linda, 1950, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

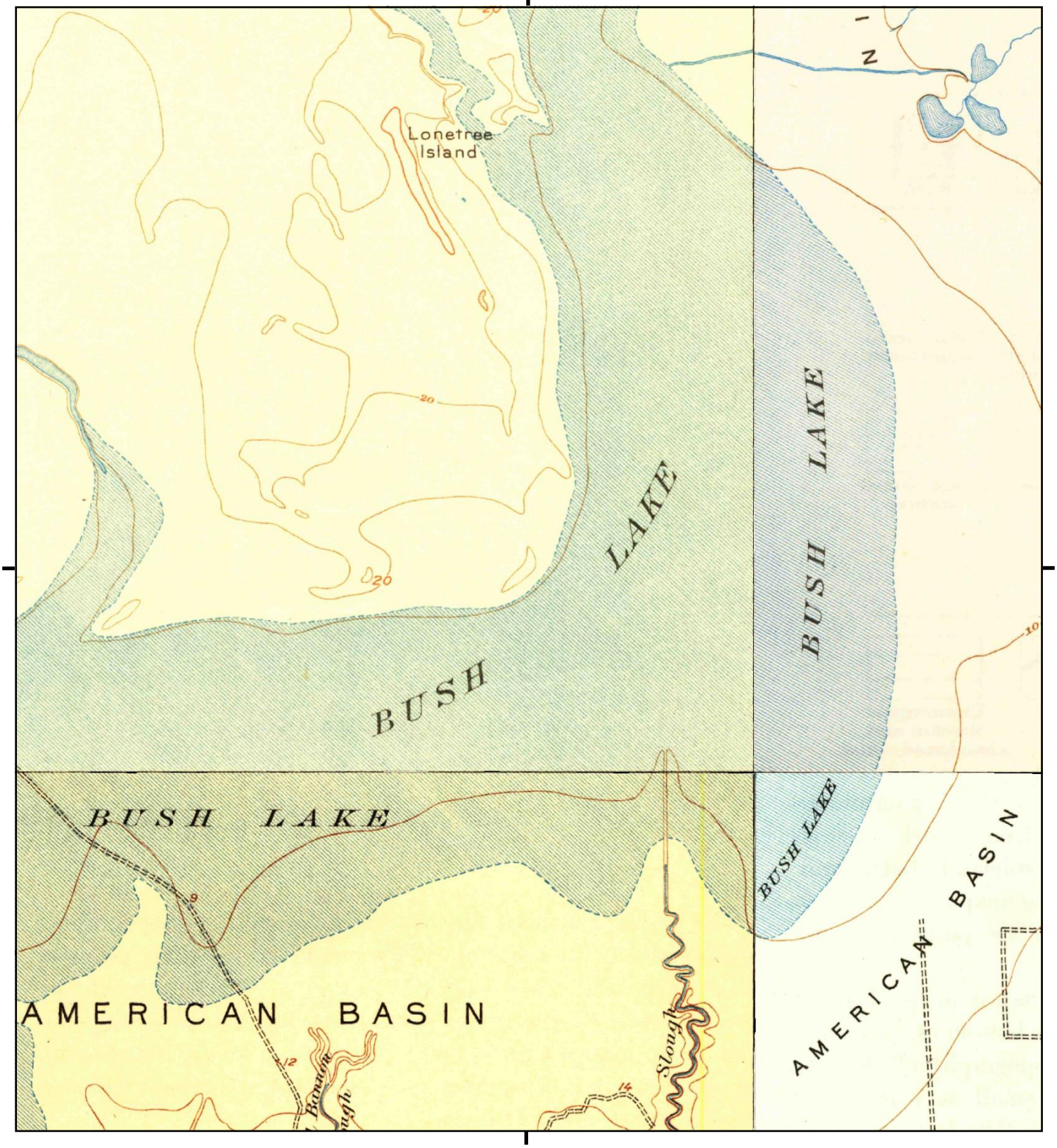
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

SW, Sacramento West, 1948, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

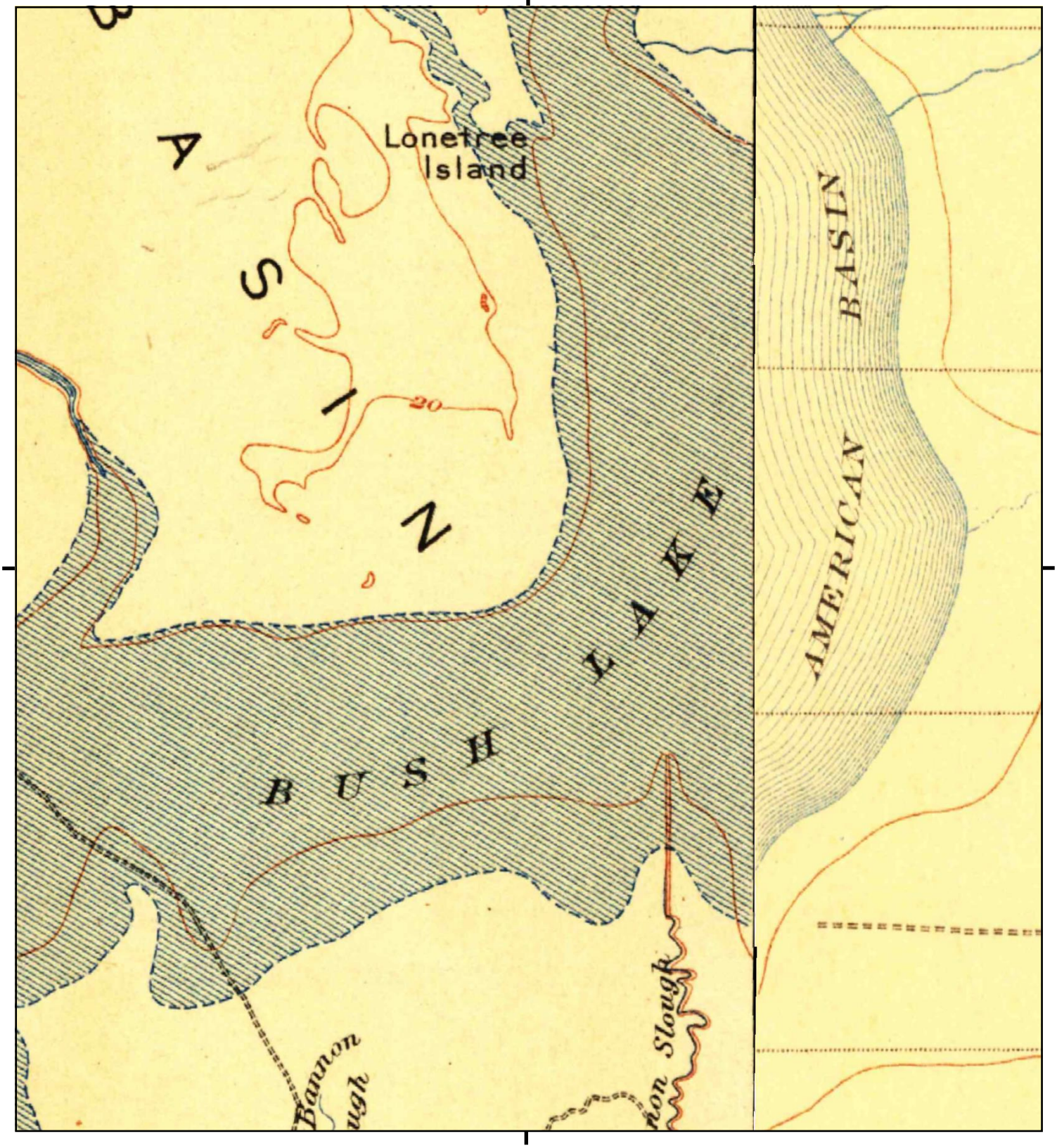
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Elkhorn Weir, 1915, 7.5-minute
NE, Arcade, 1911, 7.5-minute
SE, Brighton, 1911, 7.5-minute
SW, Lovdal, 1916, 7.5-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Davisville, 1907, 15-minute
E, Fairoaks, 1902, 15-minute

SITE NAME: 3600 Airport Road
ADDRESS: 3600 Airport Road
SACRAMENTO, CA 95834
CLIENT: Kim Lush

N

APPENDIX B-6
EDR DIRECTORY SEARCH

3600 Airport Road
3600 Airport Road
SACRAMENTO, CA 95834

Inquiry Number: 7902313.5
February 19, 2025

The EDR-City Directory Abstract

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2020	EDR Digital Archive	X	X	X	-
2017	Cole Information	-	X	X	-
2014	Cole Information	X	X	X	-
2010	Cole Information	-	X	X	-
2005	Cole Information	-	X	X	-
	Haines Company, Inc.	-	X	X	-
2002	SBC PACIFIC BELL	-	-	-	-
2000	Cole Information	X	X	X	-
1999	Haines & Company	X	X	X	-
1995	Cole Information	X	X	X	-
	Pacific Bell	X	X	X	-
1992	Cole Information	X	X	X	-
1991	Pacific Bell	X	X	X	-
1982	R. L. Polk & Co.	-	-	-	-
1980	R. L. Polk & Co.	-	-	-	-
1975	R. L. Polk Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1970	Sacramento Directory Co.	-	-	-	-
1966	Sacramento Directory Co.	-	-	-	-
1965	Sacramento Directory Co. Publishers	-	-	-	-
1961	Sacramento Directory Co.	-	-	-	-
1957	Sacramento Directory Co.	-	-	-	-
1956	Sacramento Directory Co.	-	-	-	-
1952	Sacramento Directory Co.	-	-	-	-
1947	Sacramento Directory Co.	-	-	-	-
1942	Sacramento Directory Co.	-	-	-	-
1937	Sacramento Directory Co.	-	-	-	-
1933	Sacramento Directory Co.	-	-	-	-
1928	Sacramento Directory Co.	-	-	-	-
1923	Sacramento Directory Co.	-	-	-	-
1920	Sacramento Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

3600 Airport Road
SACRAMENTO, CA 95834

FINDINGS DETAIL

Target Property research detail.

AIRPORT RD

3600 AIRPORT RD

Year	*Uses*	*Source*
2020	FRANK MACHADO	EDR Digital Archive
2014	MACHADO FRANK	Cole Information
2000	W OLGA	Cole Information
1999	MACHADO Olga	Haines & Company
1995	MACHADO, FRANK D	Cole Information
	MACHADO Frank D	Pacific Bell
1992	MACHADO, FRANK D	Cole Information
1991	Machado Frank D	Pacific Bell

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

AIRPORT RD

3570 AIRPORT RD

Year	Uses	Source
2020	PAT'S PLACE FOR CATS	EDR Digital Archive
	PAT'S BOARDING PLACE FOR CATS	EDR Digital Archive
	MARVIN KOHRN	EDR Digital Archive
	ELAINE CARDER	EDR Digital Archive
2017	PATS PLACE FOR CATS	Cole Information
2014	PATS PLACE FOR CATS	Cole Information
	OCCUPANT UNKNOWN	Cole Information
2010	PATS PLACE FOR CATS	Cole Information
	MIKE MARRYMAN	Cole Information
2005	OMARYMANSandra PATS BOARDING	Haines Company, Inc.
	PLACE FOR CATS	Haines Company, Inc.
	OCCUPANT UNKNOWN	Cole Information
2000	SANDRA MARYMAN	Cole Information
1999	STEELE Roy	Haines & Company
1995	Coles Pool Service	Pacific Bell
	STEELE Roy E	Pacific Bell
	COLES POOL SVC	Cole Information
	STEELE, ROY E	Cole Information
1992	COLES POOL SERVICE	Cole Information
	STEELE, ROY E	Cole Information

3580 AIRPORT RD

Year	Uses	Source
2020	MARYMAN SANDRA	EDR Digital Archive
	BETSY MARYMAN	EDR Digital Archive
	MICHAEL MARYMAN	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	MARYMAN MARY	EDR Digital Archive
2017	MICHAEL ADELSON	Cole Information
2014	MICHAEL MARYMAN	Cole Information
2010	BETSY BALDWIN	Cole Information
2005	SMARYMAN Sandy V	Haines Company, Inc.
	SANDY MARYMAN	Cole Information
	PATS BOARDING PLACE FOR CATS	Cole Information
2000	ROY STEELE	Cole Information
	COLES POOL SERVICE	Cole Information
1999	COLES POOL SERVICE	Haines & Company
	PATS BOARDING PLACE	Haines & Company
	STEELE Roy E	Haines & Company
1995	Pats Boarding Place For Cats	Pacific Bell
	DAWN, DUSTTY	Cole Information
1992	PATS PLACE FOR CATS	Cole Information
1991	PATS PLACE FOR CATS cat brdng	Pacific Bell

3590 AIRPORT RD

Year	Uses	Source
2020	CAROL SING	EDR Digital Archive
2017	JOHN SING	Cole Information
2014	JOHN SING	Cole Information
2010	JOHN SING	Cole Information
2005	OSINGCarol I	Haines Company, Inc.
	OSINGJohn Jr	Haines Company, Inc.
2000	CAROL SING	Cole Information
1999	JOHN Sing	Haines & Company
	SING Carol	Haines & Company
	SING Carol	Haines & Company
	SING John Jr	Haines & Company
	SING John Jr	Haines & Company
1995	SING Carol	Pacific Bell
	SING John Jr	Pacific Bell

Year	Uses	Source
1995	SING, JOHN JR	Cole Information
1992	SING, JOHN JR	Cole Information
1991	Sing Carol	Pacific Bell
	Sing John Jr	Pacific Bell

NATURITA WAY

3600 NATURITA WAY

Year	Uses	Source
2020	MAGDALENA NIDO	EDR Digital Archive
2017	MAGDALENA NIDO	Cole Information
2014	MAGDALENA NIDO	Cole Information
2010	MAGDALENA NIDO	Cole Information

3603 NATURITA WAY

Year	Uses	Source
2020	HONG YU	EDR Digital Archive
2017	XIAHUA OUYANG	Cole Information
2014	JENNA PEREZ	Cole Information
2010	KATRINA MORGAN	Cole Information

3606 NATURITA WAY

Year	Uses	Source
2020	TATYANA NIKORA	EDR Digital Archive
2017	TATYANA NIKORA	Cole Information
2014	TATYANA NIKORA	Cole Information
2010	MARK OREWYLER	Cole Information

3609 NATURITA WAY

Year	Uses	Source
2017	SHANNON GULINO	Cole Information
2014	SHANNON GULINO	Cole Information
2010	SHANNON GULINO	Cole Information

FINDINGS

3612 NATURITA WAY

Year	Uses	Source
2020	CHARLS MONASTERIO	EDR Digital Archive
2017	CHARLS MONASTERIO	Cole Information
2014	CHARLIE HERBERT	Cole Information
2010	CHARLIE HERBERT	Cole Information

3615 NATURITA WAY

Year	Uses	Source
2020	EDWARD ROGERS	EDR Digital Archive
2017	EDWARD ROGERS	Cole Information
2014	MANJIT SANDHU	Cole Information
2010	SERVIN COLLYNE	Cole Information

3618 NATURITA WAY

Year	Uses	Source
2020	LEON BROUSSARD	EDR Digital Archive
	LARRY BROUSSARD	EDR Digital Archive
2017	CYRIL LIWANAG	Cole Information
2014	CYRIL LIWANAG	Cole Information
2010	CYRIL LIWANAG	Cole Information

3621 NATURITA WAY

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information
2010	TAWANDA TILLMAN	Cole Information

3624 NATURITA WAY

Year	Uses	Source
2020	MARY ROBINSON	EDR Digital Archive
	WHITNEY ROBINSON	EDR Digital Archive
	MLISS KERRYE	EDR Digital Archive
2014	NICOLAS WARREN-THOMA	Cole Information
2010	ROBERT GLEN	Cole Information

FINDINGS

3627 NATURITA WAY

Year	Uses	Source
2020	COLIN LEWIS	EDR Digital Archive
2017	ERIC WELCH	Cole Information
2014	ERIC WELCH	Cole Information
2010	ERIC WELCH	Cole Information

3630 NATURITA WAY

Year	Uses	Source
2020	MAHVASH YEGANI	EDR Digital Archive
2017	MAHVASH YEGANI	Cole Information
2014	MAHVASH YEGANI	Cole Information
2010	SAMUEL HAWKINS	Cole Information

3633 NATURITA WAY

Year	Uses	Source
2020	PARAMJIT KUMAR	EDR Digital Archive
	KINMING LAM	EDR Digital Archive
	RAJINDER KUMAR	EDR Digital Archive
	MUI CHAN	EDR Digital Archive
2017	JATINDER KLER	Cole Information
2014	RAJINDER KUMAR	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

3636 NATURITA WAY

Year	Uses	Source
2020	GAMALIEL VARGAS	EDR Digital Archive
	NELDA VARGAS	EDR Digital Archive
2014	GAMALIEL VARGAS	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

3639 NATURITA WAY

Year	Uses	Source
2020	DAVID LUONG	EDR Digital Archive
2017	ANDREA SILVA	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information

FINDINGS

Year	Uses	Source
2010	RONEY GUTIERREZ	Cole Information

3642 NATURITA WAY

Year	Uses	Source
2017	JESSE SPRINGER	Cole Information
2014	JESSE SPRINGER	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

3648 NATURITA WAY

Year	Uses	Source
2020	LAUREL DUNCAN	EDR Digital Archive
	MARIA DELRIO	EDR Digital Archive
2017	MARIA DELRIO	Cole Information
2014	JACQUELYN DUNCAN	Cole Information
2010	FELIX DUNCAN	Cole Information

3654 NATURITA WAY

Year	Uses	Source
2020	RUPASHNA SINGH	EDR Digital Archive
	RESHMI RATNA	EDR Digital Archive
	DEO RATNA	EDR Digital Archive
2017	DEO RATNA	Cole Information
2014	DEO RATNA	Cole Information
2010	DEO RATNA	Cole Information

3660 NATURITA WAY

Year	Uses	Source
2020	GLENN STOBER	EDR Digital Archive
2014	GLENN STOBER	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

3666 NATURITA WAY

Year	Uses	Source
2020	MARGARET BLAIR	EDR Digital Archive
	JUSTIN HENNEINKE	EDR Digital Archive
	KATE HENNEINKE	EDR Digital Archive

Year	Uses	Source
2017	KATE HENNEINKE	Cole Information
2014	DUSTIN SUDWEEKS	Cole Information
2010	DUSTIN SUDWEEKS	Cole Information

3672 NATURITA WAY

Year	Uses	Source
2020	MARIO GUIDO	EDR Digital Archive
2017	MARIO GUIDO	Cole Information
2014	KENT MEEKS	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

3678 NATURITA WAY

Year	Uses	Source
2020	STACEY SIMS	EDR Digital Archive
2017	STACEY SIMS	Cole Information
2014	STACEY SIMS	Cole Information
2010	STACEY SIMS	Cole Information

3684 NATURITA WAY

Year	Uses	Source
2020	RAMON MARTINEZ	EDR Digital Archive
	MYRNA LACSAMANA	EDR Digital Archive
2017	RAMON MARTINEZ	Cole Information
2014	RAMON MARTINEZ	Cole Information
2010	SCOTT CARDOSO	Cole Information

3690 NATURITA WAY

Year	Uses	Source
2020	PARAMJIT JAWANDA	EDR Digital Archive
	SUKHPAL JAWANDA	EDR Digital Archive
	NUNY KHAMPHAY	EDR Digital Archive
2017	SUKHPAL JAWANDA	Cole Information
2014	SUKHPAL JAWANDA	Cole Information
2010	JEREMY KHAMPHAY	Cole Information

FINDINGS

3696 NATURITA WAY

Year	Uses	Source
2017	ERIC DECATUR	Cole Information
2010	ROBERT BOSWELL	Cole Information

3702 NATURITA WAY

Year	Uses	Source
2017	ROBERTO ROBLES	Cole Information
2014	ROBERTO ROBLES	Cole Information
2010	ROBERTO ROBLES	Cole Information

3703 NATURITA WAY

Year	Uses	Source
2014	KATRINA MORGAN	Cole Information

3708 NATURITA WAY

Year	Uses	Source
2020	DANA AVRAM	EDR Digital Archive
	JORDAN ILEA	EDR Digital Archive
2017	JORDAN ILEA	Cole Information
2014	DANA ILEA	Cole Information
2010	DANA AVRAM	Cole Information

3714 NATURITA WAY

Year	Uses	Source
2020	DALEY PATERSON	EDR Digital Archive
	STEPHANIE MINTON	EDR Digital Archive
2014	STEPHANIE MINTON	Cole Information
2010	STEPHANIE MINTON	Cole Information

3715 NATURITA WAY

Year	Uses	Source
2014	KAE COLLYNE-SERVIN	Cole Information
2010	KAE COLLYNE-SERVIN	Cole Information

FINDINGS

3720 NATURITA WAY

Year	Uses	Source
2020	KIMBERLY THOMAS	EDR Digital Archive
	JASON THOMAS	EDR Digital Archive
	MADELYNN THOMAS	EDR Digital Archive
2017	JASON THOMAS	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	JASON THOMAS	Cole Information

3721 NATURITA WAY

Year	Uses	Source
2014	TAWANDA TILLMAN	Cole Information

3725 NATURITA WAY

Year	Uses	Source
2020	TAKDIR SINGH	EDR Digital Archive
	LING LEUNG	EDR Digital Archive
2017	JORGE GOMEZ	Cole Information
2010	CHEE LEUNG	Cole Information

3726 NATURITA WAY

Year	Uses	Source
2020	LEON EVERETT	EDR Digital Archive
2017	ALEJANDRO REYES	Cole Information
2014	ALEJANDRO REYES	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

3731 NATURITA WAY

Year	Uses	Source
2020	LAURA RODRIGUEZ	EDR Digital Archive
2017	LAURA RODRIGUEZ	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

FINDINGS

3732 NATURITA WAY

Year	Uses	Source
2020	GARY DENG	EDR Digital Archive
	CHENG XU	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2010	GARY DENG	Cole Information

3733 NATURITA WAY

Year	Uses	Source
2014	RACHEL STEELE	Cole Information
2010	JAMES STEELE	Cole Information

3737 NATURITA WAY

Year	Uses	Source
2020	LATOYA JACKSON	EDR Digital Archive
	JOSEPH STRICKLAND	EDR Digital Archive
	CHRISTY CHANDLER	EDR Digital Archive
2017	LATOYA JACKSON	Cole Information
2010	JIM FRANTZ	Cole Information

3738 NATURITA WAY

Year	Uses	Source
2020	BACKFLOW WIZARD	EDR Digital Archive
	JEOUANI BENAVIDEZ	EDR Digital Archive
2017	JEOVANI BENAVIDEZ	Cole Information
2014	JEOVANI BENAVIDEZ	Cole Information
2010	SHAHANA BEGUM	Cole Information

3743 NATURITA WAY

Year	Uses	Source
2017	STEVE SMITH	Cole Information
2014	L CAROLEL	Cole Information
2010	DAVID HEITSTUMAN	Cole Information

FINDINGS

3744 NATURITA WAY

Year	Uses	Source
2020	SHAY BURKE	EDR Digital Archive
2014	AURIELLE HINSON	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

3750 NATURITA WAY

Year	Uses	Source
2020	STEPHANIE LEE	EDR Digital Archive
	JANET LEE	EDR Digital Archive
	JOSEPH LEE	EDR Digital Archive
2017	JOSEPH LEE	Cole Information
2014	JOSEPH LEE	Cole Information
2010	JOSEPH LEE	Cole Information

3755 NATURITA WAY

Year	Uses	Source
2020	RAJESH NAIR	EDR Digital Archive
	MIRANDA WILSON	EDR Digital Archive
2014	LESLIE DORAN	Cole Information
2010	GEORGE DORAN	Cole Information

3756 NATURITA WAY

Year	Uses	Source
2017	LIZA WALKER	Cole Information
2014	TIN QUANG	Cole Information
2010	TIN QUANG	Cole Information

3761 NATURITA WAY

Year	Uses	Source
2020	SON NGUYEN	EDR Digital Archive
2017	TIM THAYER	Cole Information
2014	GRISELDA CASIANO	Cole Information
2010	CECILIA CORDOVA	Cole Information

FINDINGS

3762 NATURITA WAY

Year	Uses	Source
2020	ANGELA WAHL	EDR Digital Archive
	JOANNA DEKLAWON	EDR Digital Archive
2017	ANGELA WAHL	Cole Information
2014	ANGELA WAHL	Cole Information
2010	JOANNA DEKLAVON	Cole Information

3767 NATURITA WAY

Year	Uses	Source
2020	MIN ZHANG	EDR Digital Archive
2017	VINCENT WHITMER	Cole Information
2014	OSCAR AMADOR	Cole Information
2010	DELORES LAWRENCE	Cole Information

3768 NATURITA WAY

Year	Uses	Source
2020	BRAD DALTON	EDR Digital Archive
2017	BRAD DALTON	Cole Information
2014	BRAD DALTON	Cole Information
2010	BRAD DALTON	Cole Information

3773 NATURITA WAY

Year	Uses	Source
2020	YOU CHAN	EDR Digital Archive
	FREDERIC YOU	EDR Digital Archive
2017	YOU CHAN	Cole Information
2014	BETTY MILLER	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

3774 NATURITA WAY

Year	Uses	Source
2020	MICKY REN	EDR Digital Archive
2017	DANNY WONG	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	RANDY LONG	Cole Information

FINDINGS

3779 NATURITA WAY

Year	Uses	Source
2020	CHELSEE KARI-HEIMANN	EDR Digital Archive
2014	HEIMANN KARI	Cole Information

3780 NATURITA WAY

Year	Uses	Source
2014	KRISTOPHER DUNCAN	Cole Information
2010	STEVEN HATCHER	Cole Information

3786 NATURITA WAY

Year	Uses	Source
2020	JOGINDER NAHAL	EDR Digital Archive
	HITESHWAR NAHAL	EDR Digital Archive
2017	JOGINDER NAHAL	Cole Information
2014	JOGINDER NAHAL	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

3790 NATURITA WAY

Year	Uses	Source
2020	DRONCHEE HSU	EDR Digital Archive
2014	L DANIELLE	Cole Information
2010	STEPHEN MUI	Cole Information

3794 NATURITA WAY

Year	Uses	Source
2020	SERGIY MAYBORODA	EDR Digital Archive
	OLENA MAYBORODA	EDR Digital Archive
2014	SERGIY MAYBORODA	Cole Information
2010	JUSTIN WHITWORTH	Cole Information

3798 NATURITA WAY

Year	Uses	Source
2020	FARHAN BADAR	EDR Digital Archive
	NICHOLAS SHOLENHAIR	EDR Digital Archive
	CHRISTIANE BOCH	EDR Digital Archive

Year	Uses	Source
2017	CHRISTIANE BOCH	Cole Information
2014	NICHOLAS SHOENHAIR	Cole Information
2010	NICHOLAS SHOENHAIR	Cole Information

NUCLA WAY

2300 NUCLA WAY

Year	Uses	Source
2020	MONIQUE GILBERT	EDR Digital Archive
	WESLEY GILBERT	EDR Digital Archive
	MYRNA GILBERT	EDR Digital Archive
2017	MONIQUE GILBERT	Cole Information
2014	MYRNA GILBERT	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

2301 NUCLA WAY

Year	Uses	Source
2020	FRANKLIN WHYTE	EDR Digital Archive
2014	ESTHER WHITE	Cole Information
2010	ODELL PHILLIPS	Cole Information

2306 NUCLA WAY

Year	Uses	Source
2017	GLENN HACKETT	Cole Information
2014	GLENN HACKETT	Cole Information
2010	MACARIA MENDOZA	Cole Information

2307 NUCLA WAY

Year	Uses	Source
2020	DELORES DIAZ	EDR Digital Archive
2017	DOLORES DIAZ	Cole Information
2014	CHRISTOPHER LEDESMA	Cole Information
2010	DOLORES DIAZ	Cole Information

FINDINGS

2312 NUCLA WAY

Year	Uses	Source
2017	VERA CHERICHEN	Cole Information
2014	VICTOR SANCHEZ	Cole Information
2010	JACQUELINE GUILLORY	Cole Information

2315 NUCLA WAY

Year	Uses	Source
2020	DENIS ARMSTRONG	EDR Digital Archive
2017	DENIS ARMSTRONG	Cole Information
2014	LETICIA PEREZ	Cole Information
2010	JOSE ALVEREZ	Cole Information

2318 NUCLA WAY

Year	Uses	Source
2020	DONALD MC FARLAND	EDR Digital Archive
	ANNETTE MCFARLAND	EDR Digital Archive
2017	DONALD MCFARLAND	Cole Information
2014	DONALD MCFARLAND	Cole Information
2010	ANNETTE LOEHRER	Cole Information

2321 NUCLA WAY

Year	Uses	Source
2020	DEBORAH WILLIAMS	EDR Digital Archive
	DEBORAH DIAZ	EDR Digital Archive
2017	LARRY WILLIAMS	Cole Information
2014	DEBORAH DIAZ	Cole Information
2010	LARRY WILLIAMS	Cole Information

2324 NUCLA WAY

Year	Uses	Source
2020	TIM PATEL	EDR Digital Archive
2017	ODIR VELASCO	Cole Information
2014	JAMES LEASH	Cole Information
2010	MA DEGUZMAN	Cole Information

FINDINGS

2327 NUCLA WAY

Year	Uses	Source
2020	NANCY DELOSREYES	EDR Digital Archive
	JERRY DELOSREYES	EDR Digital Archive
	GERONIMO DE LOS REYES	EDR Digital Archive
2017	CARRIE MCCOARD	Cole Information
2014	CARRIE MCCOARD	Cole Information
2010	SHANTELLE LOOMER	Cole Information

2330 NUCLA WAY

Year	Uses	Source
2020	NORMA ALVARADO	EDR Digital Archive
2017	SONYA LAM	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	SCOTT LAVINE	Cole Information

2333 NUCLA WAY

Year	Uses	Source
2020	FLOR ESCOBAR	EDR Digital Archive
2017	TIMOTHY GREEN	Cole Information
2014	FLORA ESCOBAR	Cole Information
2010	TIMOTHY GREEN	Cole Information

2336 NUCLA WAY

Year	Uses	Source
2020	SHELLEY BROWN	EDR Digital Archive
2017	DAVID BROWN	Cole Information
2014	SHELLEY BROWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

2339 NUCLA WAY

Year	Uses	Source
2017	PARAM PABLA	Cole Information
2014	PARAM PABLA	Cole Information
2010	SHANE NIDO	Cole Information

FINDINGS

2342 NUCLA WAY

Year	Uses	Source
2020	NATIVIDAD MALABED	EDR Digital Archive
2017	NATIVIDAD MALABED	Cole Information
2014	NATIVIDAD MALABED	Cole Information
2010	JOSELITO USON	Cole Information

2345 NUCLA WAY

Year	Uses	Source
2020	MICHAEL BARROWS	EDR Digital Archive
2017	ANTONIO VILLAFAN	Cole Information
2014	MARIA VILLAFAN	Cole Information
2010	MARIA VILLAFAN	Cole Information

2348 NUCLA WAY

Year	Uses	Source
2020	CARL CAPIRAL	EDR Digital Archive
	MARIA CAPIRAL	EDR Digital Archive
2017	CARL CAPIRAL	Cole Information
2014	CARL CAPIRAL	Cole Information
2010	CARL CAPIRAL	Cole Information

2351 NUCLA WAY

Year	Uses	Source
2020	RUDOLPH PRIMUS	EDR Digital Archive
	TONYA PRIMUS	EDR Digital Archive
2017	RUDOLPH PRIMUS	Cole Information
2014	RUDOLPH PRIMUS	Cole Information
2010	RUDOLPH PRIMUS	Cole Information

2354 NUCLA WAY

Year	Uses	Source
2020	MELISSA LOPEZ	EDR Digital Archive
2017	MELISSA LOPEZ	Cole Information
2014	MELISSA LOPEZ	Cole Information
2010	SAUL DIAZ	Cole Information

FINDINGS

2360 NUCLA WAY

Year	Uses	Source
2020	ERICK VEIL	EDR Digital Archive
2017	STEPHANIE FLOWERS-PENA	Cole Information
2014	STEPHANIE PENA	Cole Information
2010	ALEJANDRO CUNA	Cole Information

2366 NUCLA WAY

Year	Uses	Source
2017	FAUNA MCEWEN	Cole Information
2014	GUSTAVO BARISONE	Cole Information
2010	VINCENT HADDOX	Cole Information

2372 NUCLA WAY

Year	Uses	Source
2020	DOREEN PRASAD	EDR Digital Archive
	VICTORIA LOPEZ	EDR Digital Archive
	NITRESH ROHAN	EDR Digital Archive
2017	ARMANDO LOPEZ	Cole Information
2014	JACQUELINE FORD	Cole Information
2010	VICTORIA LOPEZ	Cole Information

2378 NUCLA WAY

Year	Uses	Source
2017	ELIZABETH ARROYO	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

2384 NUCLA WAY

Year	Uses	Source
2020	VINH QUACH	EDR Digital Archive
	ANGELO VELAZQUEZ	EDR Digital Archive
2017	ANGELO VELAZQUEZ	Cole Information
2014	ANGELO VELAZQUEZ	Cole Information
2010	ANGELO VELAZQUEZ	Cole Information

FINDINGS

2388 NUCLA WAY

Year	Uses	Source
2020	JOSEPH RONA	EDR Digital Archive
2017	JOANNE RONA	Cole Information
2014	JOANNE RONA	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

2392 NUCLA WAY

Year	Uses	Source
2020	AMRITPAL ATHWAL	EDR Digital Archive
2017	AMRITPAL ATHWAL	Cole Information
2014	STEFAN ESTRADA	Cole Information
2010	STEFAN MEERS	Cole Information

2396 NUCLA WAY

Year	Uses	Source
2020	MEHEDABEL ANGELES	EDR Digital Archive
	LEA ANGELES	EDR Digital Archive
	AUGUSTO ANGELES	EDR Digital Archive
2017	AUGUSTO ANGELES	Cole Information
2014	AUGUSTO ANGELES	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
2300 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2301 NUCLA WAY	2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2306 NUCLA WAY	2020, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2307 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2312 NUCLA WAY	2020, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2315 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2318 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2321 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2324 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2327 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2330 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2333 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2336 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2339 NUCLA WAY	2020, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2342 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2345 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2348 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2351 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2354 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2360 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2366 NUCLA WAY	2020, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2372 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2378 NUCLA WAY	2020, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2384 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2388 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2392 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
2396 NUCLA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3570 AIRPORT RD	2002, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3580 AIRPORT RD	2002, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3590 AIRPORT RD	2002, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3600 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3603 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3606 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3609 NATURITA WAY	2020, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3612 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3615 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3618 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3621 NATURITA WAY	2020, 2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3624 NATURITA WAY	2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3627 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3630 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3633 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3636 NATURITA WAY	2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3639 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3642 NATURITA WAY	2020, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3648 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3654 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3660 NATURITA WAY	2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3666 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3672 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3678 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3684 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3690 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3696 NATURITA WAY	2020, 2014, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3702 NATURITA WAY	2020, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3703 NATURITA WAY	2020, 2017, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3708 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3714 NATURITA WAY	2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3715 NATURITA WAY	2020, 2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3720 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3721 NATURITA WAY	2020, 2017, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3725 NATURITA WAY	2014, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3726 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3731 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3732 NATURITA WAY	2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3733 NATURITA WAY	2020, 2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3737 NATURITA WAY	2014, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3738 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3743 NATURITA WAY	2020, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3744 NATURITA WAY	2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3750 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3755 NATURITA WAY	2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3756 NATURITA WAY	2020, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3761 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3762 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3767 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3768 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3773 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3774 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3779 NATURITA WAY	2017, 2010, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3780 NATURITA WAY	2020, 2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3786 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3790 NATURITA WAY	2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3794 NATURITA WAY	2017, 2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920
3798 NATURITA WAY	2005, 2002, 2000, 1999, 1995, 1992, 1991, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
3600 Airport Road	2017, 2010, 2005, 2002, 1982, 1980, 1975, 1970, 1966, 1965, 1961, 1957, 1956, 1952, 1947, 1942, 1937, 1933, 1928, 1923, 1920

APPENDIX C
COUNTY FILES

Environmental Management Department
Val F. Siebal, Director

March 9, 2016

Frank Machado
3600 Airport Road
Sacramento, CA 95834

CERTIFIED MAIL: 7015 0920 0001 8161 9240

Dear Mr. Machado:

SUBJECT: MACHADO RESIDENCE SOIL AND GROUNDWATER CONTAMINATION AT 3600 AIRPORT ROAD, SACRAMENTO,CA95834 LOCAL REMEDIATION SITE NO: C321/RO0001530

This letter is being sent to provide you with the statement of "No Further Action", required by California's Underground Storage Tank Regulations, and the "Case Closure Summary", used by the peer review group in approving the "No Further Action" status.

If you have any questions, please call me at (916) 875-8433.

Sincerely,

Susan J. Erikson, M.S.
Environmental Specialist III
Site Assessment/Mitigation Group

SJE:km

Enclosures: NFA Letter
Case Closure Summary

c: Timothy McPherson, ASU w/ attachments
Vera Fischer, CVRWQCB w/attachments via email to vfischer@waterboards.ca.gov

W:\DATA\ERIKSON\3600 AIRPORT\3600 AIRPORT.NFACVR.DOC

Environmental Management Department
Val F. Siebal, Director

March 9, 2016

Frank Machado
3600 Airport Road
Sacramento, CA 95834

Dear Mr. Machado:

SUBJECT: MACHADO RESIDENCE SOIL AND GROUNDWATER CONTAMINATION AT 3600 AIRPORT ROAD,SACRAMENTO, CA 95834 LOCAL REMEDIATION SITE NO: C321/RO0001530

This letter confirms the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code. If you have any questions or concerns regarding these comments, please contact Ms. Sue Erikson at (916) 875-8433, or by e-mail at eriksons@saccounty.net.

Sincerely,

Maria Woodin Acting Director

Val F. Siebal, Director
Environmental Management Department

VS:SJE: km

W:\DATA\ERIKSON\3600 AIRPORT\3600 AIRPORT.NFA.DOC

UST Case Closure Summary Form

Agency Information

Agency Name: Sacramento County Environmental Mgmt. Dept.	Address: 10590 Armstrong Avenue, Suite A
City/State/Zip: Sacramento, CA 95655	Phone: (916) 875-8433/eriksons@saccounty.net
Staff Person: Sue Erikson	Title: Environmental Specialist III

Case Information:

Facility Name: Machado Residence		
Facility Address: 3600 Airport Road, Sacramento, CA 95834		
RB LUSTIS Case No: 341466	Local Case No.:RO0001530	LOP Case No.C321
URF Filing Date: 9/26/03	Global ID No.: T0606727901	
Responsible Party(s):	Address:	Phone:
Frank Machado	3600 Airport Road, Sacramento, CA 95834	

Tank Information

Tank No.	Size (gal)	Contents	Closed in-Place/ Removed/Active	Date
1 & 2	550	gasoline	Removed	08/03/2004

Conceptual Site Model (Attached)

Closure Criteria Met (Attached)

Optional Site Map(s) (Attached)

Additional Information:

- Remediation: Natural attenuation

RWQCB Notification Date Form Sent: 01/21/2016 (date concurred)__

RWQCB Staff Name: Vera Fischer	Title: Engineering Geologist

Local Agency Representative

Name: Val F. Siebal	Title: Director, EMD
Signature: Mary Woodin Acting Director	Date: 3/9/16

CSM Report Go

MACHADO RESIDENCE (T0606727901) - MAP THIS SITE

OPEN - SITE ASSESSMENT

3600 AIRPORT ROAD
SACRAMENTO , CA 95834
SACRAMENTO COUNTY

VIEW PRINTABLE CASE SUMMARY FOR THIS SITE

ACTIVITIES REPORT

PUBLIC WEBPAGE

CLEANUP OVERSIGHT AGENCIES
SACRAMENTO COUNTY LOP *(LEAD) - CASE #: G042/RO0001530*
CASEWORKER: *SUE ERIKSON* - ***SUPERVISOR:*** *CHERYL A. HAWKINS*
CENTRAL VALLEY RWQCB (REGION 5S) - *CASE #: 341466*
CASEWORKER: *VERA FISCHER* - ***SUPERVISOR:*** *CORI CONDON*

CR Site ID #: N

THIS PROJECT WAS LAST MODIFIED BY ***SUSAN J. ERIKSON*** ON 3/2/2016 8:06:38 AM - HISTORY

THIS SITE HAS SUBMITTALS. CLICK HERE TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CSM REPORT - VIEW PUBLIC NOTICING VERSION OF THIS REPORT

UST CLEANUP FUND CLAIM INFORMATION (DATA PULLED FROM SCUFIIS)

CLAIM NO	PRIORITY	CLAIMANT	SITE ADDRESS	AMT REIMB TO DATE	AGE OF LOC	IMPACTED WELLS?	FIVE YEAR REVIEW INFORMATION: REVIEW NUM	REVIEWER	FUND RECOMMENDATION	TO OVERSIGHT DATE	TO CLAIMANT DATE
17981		THE OLGA W. MACHADO REVOCABLE TRUST 3617 TIMMCO COURT, CARMICHAEL CA 95608	3600 AIRPORT RD SACRAMENTO, CA 95834				1	Kirk T. Larson			

PROJECT INFORMATION (DATA PULLED FROM GEOTRACKER) - MAP THIS SITE

SITE NAME / ADDRESS	STATUS	STATUS DATE	RELEASE REPORT DATE	AGE OF CASE	CLEANUP OVERSIGHT AGENCIES
MACHADO RESIDENCE (Global ID: T0606727901) 3600 AIRPORT ROAD SACRAMENTO, CA 95834	Open - Site Assessment	9/29/2003	9/26/2003	12	SACRAMENTO COUNTY LOP *(LEAD) - CASE #: G042/RO0001530* ***CASEWORKER:*** *SUE ERIKSON* - ***SUPERVISOR:*** *CHERYL A. HAWKINS* CENTRAL VALLEY RWQCB (REGION 5S) - *CASE #: 341466* ***CASEWORKER:*** *VERA FISCHER* - ***SUPERVISOR:*** *CORI CONDON*

STAFF NOTES (INTERNAL)
CONTAMINATION WAS DISCOVERED DURING A PHASE II SITE ASSESSMENT FOR THE POSSIBLE SALE OF THE PROPERTY. THERE ARE TWO DOMESTIC WELLS ON THE SITE - ONE ACTIVE AND ONE INACTIVE. PROPERTY OWNERS TO BE DIRECTED TO REMOVE THE TANKS. IF THE PROPERTY IS DEVELOPED, MUNICIPAL WATER IS AVAILABLE - DOMESTIC WELLS WOULD BE ABANDONED. - Complaint: 29-SEP-03 -

SITE HISTORY
Click here for site history

RESPONSIBLE PARTIES

NAME	ORGANIZATION	ADDRESS	CITY	EMAIL
LINDA JOHNSON	NONE	3617 TIMMCO COURT	CARMICHAEL	

CLEANUP ACTION INFO
NO CLEANUP ACTIONS HAVE BEEN REPORTED

RISK INFORMATION VIEW LTCP CHECKLIST VIEW PATH TO CLOSURE PLAN VIEW CASE REVIEWS

CONTAMINANTS OF CONCERN	CURRENT LAND USE	BENEFICIAL USE	DISCHARGE SOURCE	DATE REPORTED	STOP METHOD	NEARBY / IMPACTED WELLS
Gasoline, Diesel		SW - Municipal and Domestic Supply	Other	9/26/2003		0

FREE PRODUCT	OTHER CONSTITUENTS	NAME OF WATER SYSTEM	LAST REGULATORY ACTIVITY	LAST ESI UPLOAD	LAST EDF UPLOAD	EXPECTED CLOSURE DATE	MOST RECENT CLOSURE REQUEST
NO	NO	City of Sacramento	2/19/2016	2/17/2016	10/14/2015	6/30/2015	11/10/2015

CDPH WELLS WITHIN 1500 FEET OF THIS SITE
NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN	GW BASIN NAME	WATERSHED NAME
22501500550000	Sacramento Valley - North American (5-21.64)	Valley-American - Coon-American - Pleasant Grove (519.22)

COUNTY
Sacramento

PUBLIC WATER SYSTEM(S)
- **CITY OF SACRAMENTO MAIN** - 1395 35TH AVENUE, SACRAMENTO, CA 95822

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - HIDE VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
DW-MACHADO	8/22/2003		ND	ND	ND	ND	ND	ND
DW-SING	9/23/2015	OTHER	ND	ND	ND	OTHER	ND	ND
DW-SING04	8/20/2004		ND	ND	ND	ND	ND	ND
GB1-GW	8/20/2003		34000 UG/L	27000 UG/L	1300 UG/L	4400 UG/L	ND	ND
GB10-GW	11/11/2003		ND	ND	ND	ND	ND	ND
GB11-GW	11/11/2003		ND	ND	ND	ND	ND	ND
GB12-GW	11/11/2003		ND	ND	ND	ND	ND	ND
GB13-GW	11/11/2003		ND	ND	ND	ND	ND	ND
GB14-GW	11/11/2003		ND	ND	ND	ND	ND	ND
GB15-GW	11/12/2003		ND	ND	ND	ND	ND	ND
GB16-GW	11/12/2003		32000 UG/L	16000 UG/L	1400 UG/L	11000 UG/L	ND	ND
GB17-GW	11/12/2003		ND	ND	ND	ND	ND	ND
GB18-GW	11/12/2003		ND	ND	ND	ND	ND	ND
GB19-GW	11/12/2003		ND	ND	ND	ND	ND	ND
GB2-GW	8/20/2003		47000 UG/L	42000 UG/L	2300 UG/L	12000 UG/L	ND	ND
GB20-GW	11/13/2003		ND	ND	ND	ND	ND	ND
GB21-GW	11/13/2003		ND	ND	ND	ND	ND	ND
GB22-GW	11/13/2003		ND	0.71 UG/L	ND	ND	ND	ND
GB23-GW	11/13/2003		140 UG/L	110 UG/L	500 UG/L	290 UG/L	ND	ND
GB24-GW	11/13/2003		ND	ND	ND	ND	ND	ND
GB25-GW	8/18/2004		ND	ND	ND	ND	ND	ND
GB26-GW	8/18/2004		ND	ND	ND	ND	ND	ND
GB27-GW	8/18/2004		1400 UG/L	9 UG/L	430 UG/L	230 UG/L	ND	ND
GB28-GW	8/19/2004		3000 UG/L	89 UG/L	1800 UG/L	2200 UG/L	ND	ND
GB29-GW	8/19/2004		1600 UG/L	25 UG/L	940 UG/L	1800 UG/L	12 UG/L	ND
GB3-GW	8/20/2003		ND	ND	ND	ND	ND	ND
GB30-GW	8/19/2004		0.82 UG/L	1.1 UG/L	0.77 UG/L	1.4 UG/L	ND	ND
GB31-GW	8/19/2004		170 UG/L	6.4 UG/L	24 UG/L	6.1 UG/L	ND	ND
GB32-GW	8/19/2004		0.72 UG/L	ND	ND	ND	ND	ND
GB33-GW	8/19/2004		0.7 UG/L	1.2 UG/L	1 UG/L	2.4 UG/L	ND	ND
GB34-GW	8/19/2004		6.8 UG/L	20 UG/L	360 UG/L	940 UG/L	ND	ND
GB35-GW	8/20/2004		3.5 UG/L	ND	1.1 UG/L	1.4 UG/L	ND	ND
GB36-GW	8/20/2004		ND	ND	ND	1.1 UG/L	ND	ND
GB37-GW	8/20/2004		ND	ND	ND	ND	ND	ND
GB38-GW	8/20/2004		ND	ND	ND	ND	ND	ND
GB39-GW	8/20/2004		1.3 UG/L	5.6 UG/L	2.9 UG/L	15 UG/L	ND	ND
GB4-GW	8/20/2003		ND	ND	ND	ND	ND	ND
GB40-GW	8/20/2004		ND	ND	ND	ND	ND	ND
GB41-GW	8/20/2004		ND	ND	ND	ND	ND	ND
GB5-GW	8/20/2003		2500 UG/L	1900 UG/L	970 UG/L	3500 UG/L	57 UG/L	ND
GB6-GW	8/22/2003		ND	ND	ND	ND	ND	ND
GB7-GW	8/22/2003		ND	ND	ND	ND	ND	ND
GB8-GW	11/11/2003		ND	ND	ND	ND	ND	ND
GB9-GW	11/11/2003		ND	ND	ND	ND	ND	ND
MW-1	2/5/2013	OTHER	ND	ND	ND	OTHER	ND	ND
MW-2	3/24/2015	OTHER	ND	ND	ND	OTHER	ND	ND
MW-3B	3/24/2015	OTHER	ND	ND	ND	OTHER	ND	ND
MW-4	3/24/2015	OTHER	ND	ND	ND	OTHER	ND	ND
MW-5	3/24/2015	OTHER	ND	ND	ND	OTHER	ND	ND
MW-6	9/23/2015	OTHER	ND	ND	ND	OTHER	ND	ND
SING-05Q1	1/10/2005		ND	ND	ND	ND	ND	ND
T1-GW	8/11/2004		10000 UG/L	14000 UG/L	1600 UG/L	9600 UG/L	ND	ND

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - HIDE VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
GB1-10	8/20/2003		1700 UG/KG	110000 UG/KG	37000 UG/KG	280000 UG/KG	4500 UG/KG	ND
GB10-8	11/11/2003		ND	ND	ND	ND	ND	ND
GB11-12	11/11/2003		ND	ND	ND	ND	ND	ND
GB12-8	11/11/2003		ND	ND	ND	ND	ND	ND
GB13-8	11/11/2003		ND	ND	ND	ND	ND	ND
GB14-12	11/11/2003		ND	ND	ND	ND	ND	ND
GB15-16	11/12/2003		ND	ND	ND	ND	ND	ND
GB16-15	11/12/2003		ND	370 UG/KG	380 UG/KG	1800 UG/KG	ND	ND
GB18-15	11/12/2003		ND	ND	ND	ND	ND	ND
GB19-13.5	11/12/2003		ND	ND	ND	ND	ND	ND
GB2-14	8/20/2003		3000 UG/KG	69000 UG/KG	20000 UG/KG	100000 UG/KG	ND	ND
GB20-16	11/13/2003		ND	ND	ND	ND	ND	ND
GB21-12	11/13/2003		ND	ND	ND	ND	ND	ND
GB22-13	11/13/2003		ND	ND	ND	ND	ND	ND
GB23-14	11/13/2003		ND	ND	ND	ND	ND	ND
GB24-12	11/13/2003		ND	ND	ND	ND	ND	ND
GB25-11	8/18/2004		ND	ND	ND	ND	ND	ND
GB25-14.5	8/18/2004		ND	ND	ND	ND	ND	ND
GB26-15	8/18/2004		ND	ND	ND	ND	ND	ND
GB26-22	8/18/2004		ND	ND	ND	ND	ND	ND
GB27-11	8/18/2004		ND	ND	ND	ND	ND	ND
GB27-14	8/18/2004		ND	ND	ND	ND	ND	ND
GB27-22	8/18/2004		ND	ND	ND	ND	ND	ND
GB28-15	8/18/2004		ND	ND	9.7 UG/KG	13 UG/KG	ND	ND
GB28-20	8/18/2004		ND	ND	ND	ND	ND	ND
GB29-13.5	8/18/2004		ND	ND	ND	ND	ND	ND
GB29-20	8/18/2004		ND	ND	ND	ND	ND	ND
GB3-4	8/20/2003		ND	ND	ND	ND	ND	ND
GB30-16	8/19/2004		ND	ND	ND	ND	ND	ND
GB31-15.5	8/19/2004		21 UG/KG	ND	6.6 UG/KG	ND	ND	ND
GB31-20	8/19/2004		ND	ND	ND	ND	ND	ND
GB32-12	8/19/2004		ND	ND	ND	ND	ND	ND
GB32-20	8/19/2004		ND	ND	ND	ND	ND	ND

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
GB33-15	8/19/2004		ND	ND	ND	ND	ND	ND
GB33-20	8/19/2004		ND	ND	ND	ND	ND	ND
GB34-12	8/19/2004		ND	ND	ND	ND	ND	ND
GB35-14	8/20/2004		ND	ND	ND	ND	ND	ND
GB35-22	8/20/2004		ND	ND	ND	ND	ND	ND
GB39-16	8/20/2004		5.9 UG/KG	57 UG/KG	290 UG/KG	540 UG/KG	ND	ND
GB4-9	8/20/2003		ND	ND	ND	ND	ND	ND
GB5-11	8/20/2003		7.9 UG/KG	5 UG/KG	21 UG/KG	83 UG/KG	12 UG/KG	ND
GB5-4	8/20/2003		ND	ND	ND	ND	ND	ND
GB6-2	8/22/2003		ND	ND	ND	ND	ND	ND
GB8-10	11/11/2003		ND	ND	ND	ND	ND	ND
GB9-4	11/11/2003		ND	ND	ND	ND	ND	ND
MW1-26	10/11/2004		ND	ND	ND	ND	ND	ND
MW2-26	10/11/2004		ND	ND	ND	ND	ND	ND
MW3-26	10/11/2004		ND	ND	ND	ND	ND	ND
MW4-21	10/11/2004		ND	ND	ND	ND	ND	ND
MW5-31	10/12/2004		ND	ND	ND	ND	ND	ND
MW6-10.5	12/20/2004		ND	ND	ND	ND	ND	ND
MW6-30	12/20/2004		160 UG/KG	ND	ND	ND	ND	ND
SP1(1-4)	8/11/2004		ND	4000 UG/KG	2400 UG/KG	16000 UG/KG	ND	ND
SP1(13-16)	8/11/2004		1200 UG/KG	22000 UG/KG	10000 UG/KG	60000 UG/KG	ND	ND
SP1(17-20)	8/11/2004		900 UG/KG	18000 UG/KG	7700 UG/KG	40000 UG/KG	ND	ND
SP1(21-24)	8/11/2004		270 UG/KG	3200 UG/KG	2100 UG/KG	12000 UG/KG	ND	ND
SP1(25-28)	8/11/2004		2400 UG/KG	35000 UG/KG	14000 UG/KG	82000 UG/KG	ND	ND
SP1(29-32)	8/11/2004		520 UG/KG	11000 UG/KG	5900 UG/KG	30000 UG/KG	ND	ND
SP1(33-36)	8/11/2004		ND	940 UG/KG	1200 UG/KG	6900 UG/KG	ND	ND
SP1(37-40)	8/11/2004		ND	430 UG/KG	850 UG/KG	5100 UG/KG	ND	ND
SP1(41-44)	8/11/2004		150 UG/KG	3100 UG/KG	2500 UG/KG	14000 UG/KG	ND	ND
SP1(5-8)	8/11/2004		420 UG/KG	4800 UG/KG	2400 UG/KG	13000 UG/KG	ND	ND
SP1(9-12)	8/11/2004		520 UG/KG	9900 UG/KG	5000 UG/KG	25000 UG/KG	ND	ND
SP2(1-4)	8/11/2004		ND	ND	ND	ND	ND	ND
SP2(13-16)	8/11/2004		ND	ND	ND	ND	ND	ND
SP2(17-20)	8/11/2004		ND	ND	ND	ND	ND	ND
SP2(21-24)	8/11/2004		ND	ND	ND	ND	ND	ND
SP2(25-28)	8/11/2004		ND	ND	ND	ND	ND	ND
SP2(29-32)	8/11/2004		ND	ND	ND	ND	ND	ND
SP2(5-8)	8/11/2004		ND	ND	ND	ND	ND	ND
SP2(9-12)	8/11/2004		ND	ND	ND	ND	ND	ND
SP3-(1-4)	9/9/2004		ND	ND	ND	2000 UG/KG	ND	ND
SP3-(5-8)	9/9/2004		ND	ND	100 UG/KG	1000 UG/KG	ND	ND
T1-5	8/3/2004		ND	ND	ND	ND	ND	ND
T1-A	8/6/2004		ND	ND	ND	ND	ND	ND
T1-B	8/6/2004		ND	430 UG/KG	3200 UG/KG	15000 UG/KG	ND	ND
T1-C	8/6/2004		ND	ND	ND	ND	ND	ND
T1-D	8/6/2004		ND	350 UG/KG	1600 UG/KG	8500 UG/KG	ND	ND
T1-E	8/9/2004		ND	ND	ND	ND	ND	ND
T1-F	8/9/2004		290 UG/KG	2000 UG/KG	5500 UG/KG	21000 UG/KG	ND	ND
T1-G	8/9/2004		ND	ND	ND	ND	ND	ND
T1-H	8/9/2004		110 UG/KG	150 UG/KG	1900 UG/KG	8100 UG/KG	ND	ND
T1-I	8/9/2004		ND	ND	ND	18 UG/KG	ND	ND
T1-J	8/9/2004		3300 UG/KG	45000 UG/KG	16000 UG/KG	81000 UG/KG	ND	ND
T1-K	8/10/2004		ND	ND	ND	ND	ND	ND
T1-L	8/10/2004		2900 UG/KG	16000 UG/KG	8100 UG/KG	39000 UG/KG	ND	ND
T1-M	8/10/2004		ND	ND	ND	ND	ND	ND
T1-N	8/10/2004		2100 UG/KG	6900 UG/KG	1800 UG/KG	8000 UG/KG	ND	ND
T1-O	8/10/2004		5.9 UG/KG	14 UG/KG	5.6 UG/KG	24 UG/KG	ND	ND
T1-P	8/10/2004		240 UG/KG	3700 UG/KG	980 UG/KG	6600 UG/KG	ND	ND
T1-Q	8/11/2004		55 UG/KG	130 UG/KG	34 UG/KG	220 UG/KG	ND	ND
T1-R	8/11/2004		ND	ND	ND	ND	ND	ND
T1-S	8/11/2004		ND	ND	ND	ND	ND	ND
T1-T	8/11/2004		2200 UG/KG	14000 UG/KG	3900 UG/KG	36000 UG/KG	ND	ND
T2-18	9/17/2004		18000 UG/KG	110000 UG/KG	50000 UG/KG	240000 UG/KG	ND	ND
T2-6	8/3/2004		1400 UG/KG	52000 UG/KG	37000 UG/KG	140000 UG/KG	62 UG/KG	ND

MOST RECENT GEO_WELL DATA - HIDE

VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	DEPTH TO WATER (FT)	SHEEN	DEPTH TO FREE PRODUCT (FT)
MW-1	9/23/2015			
MW-2	9/23/2015			
MW-3	6/8/2009			
MW-3B	9/23/2015			
MW-4	9/23/2015			
MW-5	9/23/2015			
MW-6	9/23/2015	17.94	N	

LOGGED IN AS ERIKSONS

CONTACT GEOTRACKER HELP

LTCP Checklist Go

MACHADO RESIDENCE (T0606727901) - MAP THIS SITE

OPEN - SITE ASSESSMENT

3600 AIRPORT ROAD
SACRAMENTO , CA 95834
SACRAMENTO COUNTY

VIEW PRINTABLE CASE SUMMARY FOR THIS SITE

ACTIVITIES REPORT

PUBLIC WEBPAGE

CLEANUP OVERSIGHT AGENCIES

SACRAMENTO COUNTY LOP *(LEAD) - CASE #: G042/RO0001530*
CASEWORKER: *SUE ERIKSON* - ***SUPERVISOR:*** *CHERYL A. HAWKINS*
CENTRAL VALLEY RWQCB (REGION 5S) - *CASE #: 341466*
CASEWORKER: *VERA FISCHER* - ***SUPERVISOR:*** *CORI CONDON*

CR Site ID #: N

THIS PROJECT WAS LAST MODIFIED BY *SUSAN J. ERIKSON* ON 3/2/2016 8:06:38 AM - HISTORY

THIS SITE HAS SUBMITTALS. CLICK HERE TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CLOSURE POLICY

THIS VERSION IS FINAL AS OF 2/5/2016 *CHECKLIST INITIATED ON 6/18/2013* CLOSURE POLICY HISTORY

General Criteria - *The site satisfies the policy general criteria* - CLEAR SECTION ANSWERS — **YES**

a. Is the unauthorized release located within the service area of a public water system?
Name of Water System : City of Sacramento — ◉ YES ○ NO

b. The unauthorized release consists only of petroleum (info). — ◉ YES ○ NO

c. The unauthorized ("primary") release from the UST system has been stopped. — ◉ YES ○ NO

d. Free product has been removed to the maximum extent practicable (info). — ◉ FP Not Encountered ○ YES ○ NO

e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed (info). — ◉ YES ○ NO

f. Secondary source has been removed to the extent practicable (info). — ◉ YES ○ NO

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15. — ○ Not Required ◉ YES ○ NO

h. Does a nuisance exist, as defined by Water Code section 13050. — ○ YES ◉ NO

1. Media-Specific Criteria: Groundwater - *The contaminant plume that exceeds water quality objectives is stable or decreasing in areal extent, and meets all of the additional characteristics of one of the five classes of sites listed below.* - CLEAR SECTION ANSWERS — **YES**

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - Info) — ○ YES ◉ NO

Does the site meet any of the Groundwater specific criteria scenarios? — ◉ YES ○ NO

1.2 - The contaminant plume that exceeds water quality objectives is <250 feet in length. There is no free product. The nearest existing water supply well or surface water body is >1,000 feet from the defined plume boundary. The dissolved concentration of benzene is <3,000 µg/L. The dissolved concentration of MTBE is <1,000 µg/L. — ◉ YES ○ NO

2. Media Specific Criteria: Petroleum Vapor Intrusion to Indoor Air - *The site is considered low-threat for the vapor-intrusion-to-air pathway if site-specific conditions satisfy items 2a, 2b, or 2c* - CLEAR SECTION ANSWERS — **YES**

EXEMPTION - Active Commercial Petroleum Fueling Facility — ○ YES ◉ NO

Does the site meet any of the Petroleum Vapor Intrusion to Indoor Air specific criteria scenarios? — ◉ YES ○ NO

2a - Scenario 1 (example): Unweathered LNAPL in Groundwater - The bioattenuation zone is a continuous zone that provides a separation of at least 30 feet vertically between the LNAPL in groundwater and the foundation of existing or potential buildings, and total TPH (TPH-g and TPH-d combined) are <100 mg/kg throughout the entire depth of the bioattenuation zone. — ◉ YES ○ NO

3. Media Specific Criteria: Direct Contact and Outdoor Air Exposure - *The site is considered low-threat for direct contact and outdoor air exposure if it meets 1, 2, or 3 below.* - CLEAR SECTION ANSWERS — **YES**

EXEMPTION - The upper 10 feet of soil is free of petroleum contamination — ◉ YES ○ NO

Additional Information

This case should be kept OPEN in spite of meeting policy criteria. — ○ YES ◉ NO

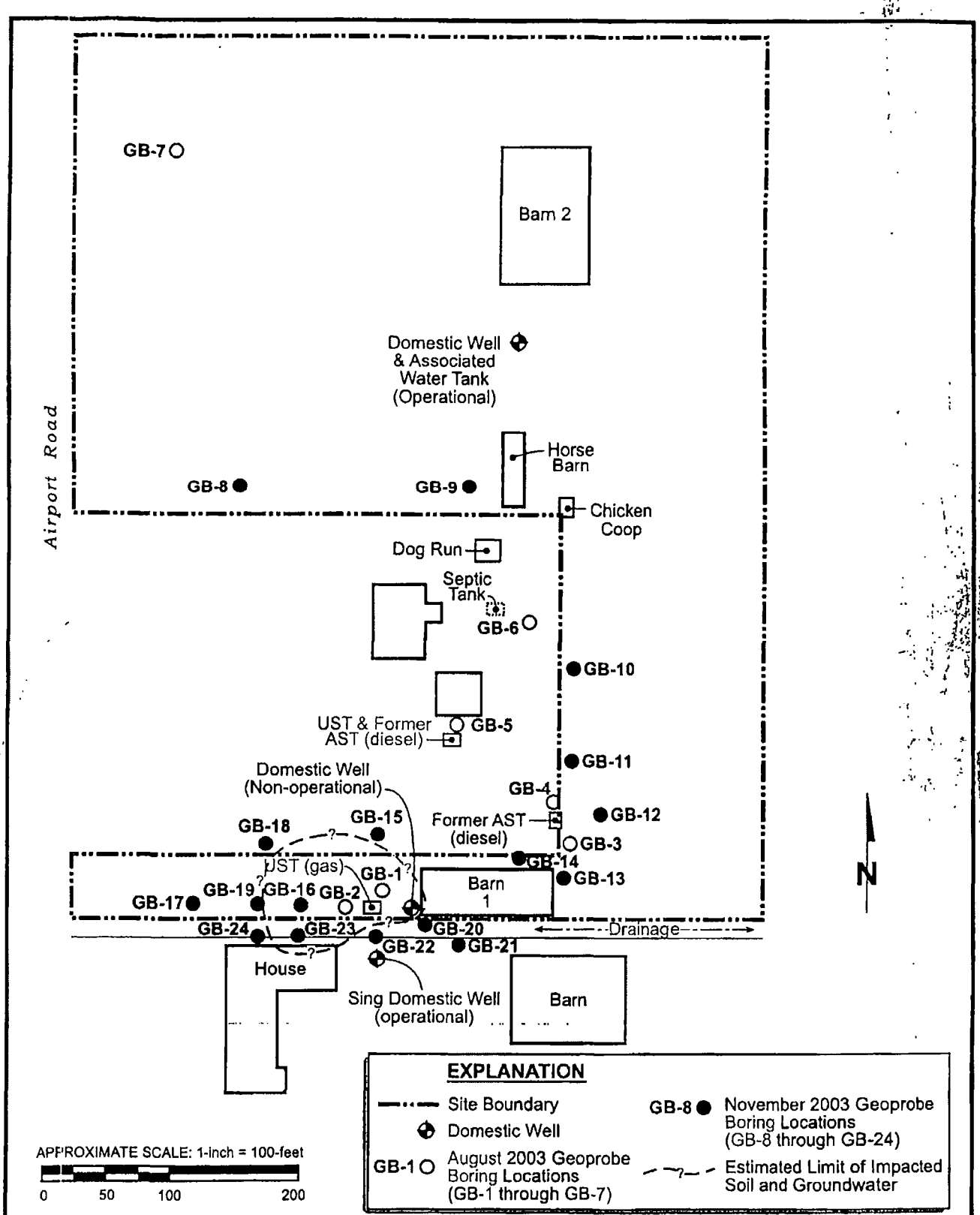
Has this LTCP Checklist been updated for FY 15/16? — ◉ YES ○ NO

SPELL CHECK

Save Form as Partially Completed | Save Form as Complete

LOGGED IN AS ERIKSONS

CONTACT GEOTRACKER HELP



KLEINFELDER

Drawn By: D. Shelhart
Project No. 34352-003

Date: 11-20-2003
Filename: 2856f.fh10

GEOPROBE BORING LOCATION MAP

3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
2

Environmental Management Department
Val F. Siebal, Director

November 12, 2015

Frank Machado
3600 Airport Road
Sacramento, CA 95834

Dear Mr. Machado:

SUBJECT: MACHADO RESIDENCE
SOIL AND GROUNDWATER CONTAMINATION AT
3600 AIRPORT ROAD, SACRAMENTO, CA 95834
LOCAL REMEDIATION SITE NO: C321/RO0001530

Your site was presented to our closure committee on November 6, 2015. We note that the public participation requirement has been met. It is the view of the committee that your site is eligible for closure following the proper destruction of the monitoring wells at the site. The Regional Water Quality Control Board – Central Valley Region staff concur. Therefore, following the proper destruction of the monitoring wells at the site, a No Further Action letter will be issued.

Please notify your drillers and consultants that the wells must be destroyed in accordance with the Sacramento County Well and Pump Ordinance and if there are any questions regarding the destruction, to contact me at (916) 875-8433. Please note that this Department recommends that your drillers use Type I/II cement and at least three feet of the top five feet of the over-drilled borehole must be filled with loose material.

Also, please be aware that all remediation equipment, drill cuttings, purge water and drums must be removed from the site prior to the issuance of a No Further Action letter.

If you should have any questions regarding this matter, please feel free to contact me at (916) 875-8433 or email me at eriksons@saccounty.net.

Sincerely,

Sue Erikson
Environmental Specialist III
Site Assessment and Mitigation Program

SJE:tk

c: Vera Fischer, CV-RWQCB via email
Trevor Hartwell, Stratus Environmental via email
Richard Coppola, Beazer Homes

W:\DATA\ERIKSON\3600 AIRPORT\3600 AIRPORT.LT4 WELL DESTRUCT DIR.DOC

County of Sacramento
Countywide Services Agency
ENVIRONMENTAL MANAGEMENT DEPARTMENT
ENVIRONMENTAL COMPLIANCE DIVISION
10590 Armstrong Avenue • Suite A • Mather, CA 95655

SACRAMENTO
CA 957
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~~BEAZER HOMES~~
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RETURN TO SENDER
ATTEMPTED - NOT KNOWN
UNABLE TO FORWARD

BC: 95655415390 *1241-11663-18-40

AUTO 13/11 JTW-[illegible] 95655 C4153

STRATUS
ENVIRONMENTAL, INC.

3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

July 17, 2013
Project 2159-3600-01

Ms. Susan Erikson
Sacramento County
Environmental Management Department
10590 Armstrong Avenue, Suite A
Sacramento, California 95655

Re: No Further Action Request, Machado Residence, 3600 Airport Road, Sacramento, California

Dear Ms. Erikson:

Stratus Environmental, Inc. (Stratus), on behalf of Beazer Homes Holding Corporation (Beazer Homes), is submitting this No Further Action Request (NFAR) for the Machado Residence, located at 3600 Airport Road, Sacramento, California. Sacramento County Environmental Management Department (SCEMD) currently oversees an environmental case at the subject property relating to historically documented petroleum hydrocarbon, fuel oxygenate, and fuel additive impact to the subsurface.

Stratus has prepared a document which summarizes information collected during historical environmental assessment, sampling, and remediation work performed on behalf of the subject site. The data presented in this document are in accordance with requirements identified in California Regional Water Quality Control Board, Central Valley Region (RWQCB) Appendix A - Tri-Regional Board guidelines dated April 2004. The format in which the data is presented is modeled after the document titled 'Table 1 – Checklist of Required Data for No Further Action Requests at Underground Tank Sites'. Per SCEMD's request, Stratus has also evaluated the site's environmental conditions in context with criteria established by the State Water Resources Control Board's 'Low Threat Closure Policy'.

July 17, 2013
Project No. 2159-3600-01

If you have any questions regarding this No Further Action Request, or the site in general, please call Kasey Jones at (415) 516-0373.

Sincerely,

STRATUS ENVIRONMENTAL, INC.

Scott G. Bittinger, P.G.
Project Geologist

Kasey L. Jones
Project Manager

Attachments:

Case Closure Summary
Low Threat UST Case Closure Policy Checklist
Draft Fact Sheet for Public Comment on Pending Environmental Case Closure
Notice of Fee Title Record
No Further Action Request Summary

cc: Mr. Frank Machado
Beazer Homes Holding Corporation
Ms. Vera Fischer, California Regional Water Quality Control Board

CASE CLOSURE SUMMARY

Case Closure Summary
Leaking Underground Fuel Storage Tank Program

DATE: June 10, 2013

I. AGENCY INFORMATION

Agency Name: Sacramento County Environmental Mgmt. Dept.	Address: 10590 Armstrong Avenue
City/State/Zip: Mather, CA 95655	Phone/email: (916) 875-8433 / EriksonS@saccounty.net
Responsible staff person: Susan J. Erikson	Title: Environmental Specialist III

II. CASE INFORMATION

Site Facility Name: Machado Residence		
Site Facility Address: 3600 Airport Road, Sacramento, CA 95834		
GeoTracker Case No:	Local Case No:	LOP Case No: C321/RO0001530
URF file date: September 2003	Global ID No. T0606727901	
Responsible Parties: Frank Machado/Beazer Homes	Address: 3600 Airport Rd. Sacramento, CA 95834	Phone Number:

Tank No.	Size in Gallons	Contents	Closed in-Place/Removed?	Date
1	500/550-UST	gasoline	Removed	August 2004
2	500/550-UST	gasoline	Removed	August 2004

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Gasoline		
Site characterization complete? (X) YES ( ) NO	Date approved by oversight agency: 5/15/13	
Monitoring Wells Installed? (X) YES () NO	Number: 6	Proper screen interval? (X) YES () NO
Highest GW depth below ground surface: 15.8 ft bgs	Lowest Depth: >30 ft bgs	Flow Direction: mostly E, SE, NE
Most Sensitive Current Use: Municipal		
Are drinking water wells affected? ( ) YES (X) NO	Aquifer name:	
Is surface water affected? ( ) YES (X) NO	Nearest/affected SW name:	
Off-site beneficial use impacts (addresses/locations):		
Report(s) on file? (X) YES ( ) NO	Where is report(s) filed? SCEMD, RWQCB, Geotracker	

Treatment and Disposal of Affected Material

Materials	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	Tanks 1-2 (see above for details)	Removed from site	August 2004
Piping	All piping	Removed from site	Unknown (Aug 2004?)
Soil	Estimated 1,300 cubic yards	Removed from site	After August 2004
Groundwater			
Barrels			

Case Closure Summary
Leaking Underground Fuel Storage Tank Program

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

Maximum Documented Contaminant Concentrations--Before and After Cleanup

Contaminant ▼	Soil (mg/Kg)		Water (µg/L)		Contaminant ▼	Soil (mg/Kg)		Water (µg/L)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gas)	1,400	690	2,600,000	<50	Xylenes (total)	280	81	12,000	<0.5
TPH (Diesel)	2,800	2,800	310,000	<50	Ethylbenzene	37	16	2,300	<0.5
Benzene	3.3	3.3	47,000	<0.5	Naphthalene	ND	ND	9.3	NA
Toluene	110	45	42,000	<0.5	1,2-DCA	0.22	0.22	440	39
MTBE	4.5	<0.005	57	<0.5	TPH (Oil)	13,000	13,000	2,300	<100

Comments (Depth/Type of Remediation, Mass Balance Calculations, Fate & Transport Results, etc.):
"After" soil analytical data are data collected from sidewalls of excavation cavity
"Before" groundwater analytical data are results from direct push soil borings or from tank basin sample
"After" groundwater analytical data reflects well sampling results from March 2012, except for 1,2-DCA (December 2011).
ND = Not detected; reporting limits unknown

- Remediation: Excavation
- Estimated mass remaining: See report for further explanation
- Fate/transport modeling: Not requested by SCEMD

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Basin Plan? (X) YES ( ) NO

Does the completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? (X) YES ( ) NO

Does corrective action protect public health for current land use? (X) YES ( ) NO

Site management requirements: None (periodic water well sampling and testing by owners recommended)

Should corrective action be reviewed if land use changes? ( ) YES ( ) NO

Monitoring wells Decommissioned: ( ) YES (x) NO ( ) N/A	No. Decommissioned: 0	No. Retained: 6

Fee Title Certification:

GeoTracker Input Verification:

List Enforcement Actions Taken:

List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name:	Title:
Signature:	Date:

VI. RWQCB NOTIFICATION

Date Submitted to RB:	RB Response:	
RWQCB Staff Name: Vera Fischer	Title: Engineering Geologist	Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

LOW THREAT UST CASE CLOSURE POLICY CHECKLIST

LOW-THREAT UST CASE CLOSURE POLICY - CHECKLIST

Responsible Party: Frank Machado / Beazer Homes Holding Corporation

Case Name: Machado Residence

Site Address: 3600 Airport Road, Sacramento, CA 95834

Lead Agency: Sacramento County Environmental Management Department

GeoTracker Global ID: T0606727901

In the absence of unique attributes of a case or site-specific conditions that demonstrably increase the risk associated with residual petroleum constituents, cases that meet general and media-specific criteria described below pose a low threat to human health, safety or environment and are appropriate for UST case closure.

General Criteria:

1. Is the unauthorized release located within the service area of a public water system?

☒ Yes ☐ No
(but site not currently connected to City water)

2. Does the unauthorized release consist only of petroleum?

☒ Yes ☐ No

3. Has the unauthorized ("primary") release from the UST system been stopped?

☒ Yes ☐ No

4. Has free product been removed to the maximum extent practicable?

☒ Yes ☐ No no product

5. Has a conceptual site model that assesses the nature, extent, and mobility of the release been developed?

☒ Yes ☐ No

6. Has secondary source been removed to the extent practicable?

☐ Yes ☐ No not applicable

7. Has soil or groundwater been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15?

☒ Yes ☐ No

8. Does nuisance as defined by Water Code section 13050 exist at the site?

☐ Yes ☒ No

Media-Specific Criteria:

A. Groundwater:

1. For sites in which groundwater with a designated beneficial use is affected by an unauthorized release:

   Has the contaminant plume that exceeds water quality objectives been stable or decreasing in areal extent and met all of the additional characteristics of one of the five classes of sites listed below?

   ☐Yes ☒ No ☐ NA

   Fails first 4 classes due to proximity to water supply wells (domestic). Fifth class is 'generic' & site could potentially meet this scenario.

(a) i. The contaminant plume that exceeds water quality objectives is <100 feet in length.
ii. There is no free product.
iii. The nearest existing water supply well or surface water body is >250 feet from the defined plume boundary.

☐Yes ☐ No ☐ NA

(b) i. The contaminant plume that exceeds water quality objectives is <250 feet in length.
ii. There is no free product.
iii. The nearest existing water supply well or surface water body is >1,000 feet from the defined plume boundary.
iv. The dissolved concentration of benzene is <3,000 µg/L and the dissolved concentration of MTBE is <1,000 µg/L.

☐Yes ☐ No ☐ NA

(c) i. The contaminant plume that exceeds water quality objectives is <250 feet in length.
ii. Free product has been removed to the extent practicable, may still be present below the site where the release originated, but does not extend off-site.
iii. The plume has been stable or decreasing for a minimum of 5 years.
iv. The nearest existing water supply well and/or surface water body is >1,000 feet from the defined plume boundary.
v. The property owner is willing to accept a land use restriction if the regulatory agency requires a land use restriction as a condition of closure.

☐Yes ☐ No ☐ NA

(d) i. The contaminant plume that exceeds water quality objectives is <1,000 feet in length.
ii. There is no free product.
iii. The nearest existing water supply well and/or surface water body is >1,000 feet from the defined plume boundary.
iv. The dissolved concentrations of benzene and MTBE are both <1,000 µg/L.

☐Yes ☐ No ☐ NA

(e) i. The regulatory agency determines, based on an analysis of site specific conditions, that the site under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame.

☐Yes ☐ No ☐ NA

2. For sites with releases that have not affected groundwater:

   Does soil contain sufficient mobile constituents (leachate, vapors, or LNAPL)?

   ☐Yes ☐ No ☐ NA

B. Petroleum Vapor Intrusion to Indoor Air

The site is considered low-threat for vapor-intrusion-to-indoor-air pathway if site-specific conditions satisfy item 1 or item 2 below.

1. Do site-specific conditions at the release site satisfy all of the characteristics and criteria of scenarios 1 through 3 or all of the characteristics and criteria of scenario 4:

   ☒Yes ☐ No ☐ NA

(a) Scenario 1: Unweathered LNAPL in Groundwater

i. The bioattenuation zone shall be a continuous zone that provides a separation of at least 30 feet vertically between the LNAPL in groundwater and the foundation of existing or potential buildings, and
ii. Total TPH (TPH-g and TPH-d combined) are <100 mg/kg throughout the entire depth of the bioattenuation zone.

☐Yes ☐ No ☐ NA

(b) Scenario 2: Unweathered LNAPL in Soil:

i. The bioattenuation zone shall be a continuous zone that provides a separation of at least 30 feet both laterally and vertically between the LNAPL in soil and the foundation of existing or potential buildings, and
ii. Total TPH (TPH-g and TPH-d combined) are <100 mg/kg throughout the entire depth of the bioattenuation zone.

☐Yes ☐ No ☐ NA

(c) Scenario 3: Dissolved Phase Benzene Concentrations Only in Groundwater (Low concentration groundwater scenarios with or without O_2 measurements):

i. For bioattenuation zone without oxygen measurements or oxygen <4% and benzene concentrations are <100 µg/L, the bioattenuation zone:
   - Shall be a continuous zone that provides a separation of at least 5 feet vertically between the dissolved phase benzene and the foundation of existing or potential building; and
   - Contain total TPH (TPH-g and TPH-d combined) <100 mg/kg throughout the entire depth of the bioattenuation zone.

☐Yes ☐ No ☐ NA

ii. For bioattenuation zone without oxygen measurements or oxygen <4% and benzene concentration are >100 µg/L but <1,000 µg/L, the bioattenuation zone:
- Shall be a continuous zone that provides a separation of at least 10 feet vertically between the dissolved phase benzene and the foundation of existing or potential building, and
- Contain total TPH (TPH-g and TPH-d combined) <100 mg/kg throughout the entire depth of the bioattenuation zone.

☐Yes ☐ No ☐ NA

iii. For bioattenuation zone with oxygen ≥4% and benzene concentration <1,000 µg/L, the bioattenuation zone:
- Shall be a continuous zone that provides a separation of at least 5 feet vertically between the dissolved phase benzene and the foundation of existing or potential building, and
- Contain total TPH (TPH-g and TPH-d combined) <100 mg/kg throughout the entire depth of the bioattenuation zone.

☐Yes ☐ No ☐ NA

(d) Scenario 4: Direct Measurement of Soil Gas Concentrations

i. Soil Gas Sampling Locations - No Bioattenuation Zone (Table 1, Column B):
- Beneath or adjacent to an existing building: The soil gas sample shall be collected at least 5 feet below the bottom of the building foundation).
- Future construction: The soil gas sample shall be collected from at least 5 feet below the ground surface (bgs).

☐Yes ☐ No ☐ NA

ii. Soil Gas Sampling Locations - with Bioattenuation Zone (Table 1, Column A):

The criteria in Column A in Table 1 apply if the following requirements for a bioattenuation zone are satisfied:

- Minimum of 5 feet of soil between the soil vapor measurement and the foundation of an existing or ground surface of future construction.
- TPH (TPHg + TPHd) is <100 ppm (measured in at least two depths within the 5-ft zone)
- Oxygen is ≥4% measured at the bottom of the 5-ft zone.

☐Yes ☐ No ☐ NA

Table 1 - Soil Gas Criteria

	A - With Bioattenuation Zone		B - No Bioattenuation Zone	
	Residential	Commercial	Residential	Commercial
Constituent	**Soil Gas Concentration ($\mu g/m^3$)**		**Soil Gas Concentration ($\mu g/m^3$)**	
Benzene	<85,000	<280,000	<85	<280
Ethylbenzene	<1,100,000	<3,600,000	<1,100	<3,600
Naphthalene	<93,000	<310,000	<93	<310

Notes:
A 1,000-fold bioattenuation of petroleum vapors is assumed for the bioattenuation zone.

2. Is a site-specific risk assessment for the vapor intrusion pathway conduct and does the assessment demonstrate that human health is protected for the satisfaction of the regulatory agency?

☒ Yes ☐ No ☐ NA

3. Does the regulatory agency determine that petroleum vapors migrating from soil or groundwater will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls?

☐ Yes ☐ No ☒ NA

C. Direct Contact and Outdoor Air Exposure:

The site is considered low-threat for direct contact and outdoor air exposure if it meets any of the following:

1. Are maximum concentrations of petroleum constituents in soil less than or equal to those listed in Table 2 for the specified depth below ground surface?

☒ Yes ☐ No ☐ NA

Table 2 – Direct Exposure and Outdoor Air Exposure

Chemical	Residential		Commercial/Industrial		Utility Worker
	0-5 ft bgs (mg/kg)	Volatilization to outdoor air 5-10 ft bgs (mg/kg)	0-5 ft bgs (mg/kg)	Volatilization to outdoor air 5-10 ft bgs (mg/kg)	0-10 ft bgs (mg/kg)
Benzene	1.9	2.8	8.2	12	14
Ethylbenzene	21	32	89	134	314
Naphthalene	9.7	9.7	45	45	219
PAH[1]	0.063	NA	0.68	NA	4.5

Notes:
1. Based on the seven carcinogenic PAHs as benzo(a)pyrene toxicity equivalent [BaPe]. Sampling and analysis for PAH is only necessary where soil was affected by either waste oil or Bunker C fuel.
2. The area of impacted soil where a particular exposure occurs is 25 by 25 meters (approximately 82 by 82 feet) or less.
3. NA = not applicable.

2. Are maximum concentrations of petroleum constituents in soil less than levels that a site specific risk assessment demonstrate will have no significant risk of adversely affecting human health?

☒ Yes ☐ No ☐ NA

3. Does the regulatory agency determine that the concentration of petroleum constituents in soil will have no significant risk or adversely affecting human health?

☒ Yes ☐ No ☐ NA

DRAFT FACT SHEET FOR PUBLIC COMMENT ON PENDING ENVIRONMENTAL CASE CLOSURE

PUBLIC NOTICE

Case Closure for Leaking Underground Storage Tank
Sacramento County Environmental Management Department
Fact Sheet

The Sacramento County Environmental Management Department (SCEMD) invites public comment on a request for regulatory closure of an underground storage tank (UST) environmental fuel leak case at 3600 Airport Road, Sacramento, California. This request for environmental case closure is being requested on behalf of Mr. Frank Machado and Beazer Homes Holding Corporation.

SUBJECT SITE:

Site Name: Machado Residence
Site Address: 3600 Airport Road, Sacramento, CA 95834
Geotracker Global ID # T0606727901
Lustis Case No. C321/RO0001530

PUBLIC COMMENT PERIOD:

July 1, 2013 through August 31, 2013

CASE SUMMARY:

In 2003, petroleum hydrocarbon impact to the subsurface, in the area near two USTs, was discovered during a Phase II subsurface investigation of the property. In 2003 and 2004, 41 soil borings were advanced in order to collect samples of soil and groundwater. The samples were submitted for analytical testing in order to evaluate the extent of the fuel contamination.

In August 2004, the USTs were removed and approximately 1,300 cubic yards of impacted soil was excavated and removed from the property. The excavation cavity was backfilled with clean soil up to surface grade. In late 2004 and early 2005, six groundwater monitoring wells were installed on the property. Water samples have been collected intermittently from the monitoring wells since this time, and during the sampling period, concentrations of fuel contaminants in groundwater have declined appreciably. By early 2012, no petroleum hydrocarbons were detectable in groundwater, although the fuel additive 1,2-dichloroethane persistently affects a small area of the property and one of the monitoring wells.

SCEMD and the State of California have established criteria for evaluating whether an environmental case on a property can be considered for closure. These criteria assume that remaining contaminants in groundwater pose a low threat to human health and the environment. After August 31, 2013, agency staff intends to complete its closure review and finalize closure of the environmental case at the subject property.

PUBLIC NOTICE

Case Closure for Leaking Underground Storage Tank
Sacramento County Environmental Management Department
Fact Sheet (con't)

WHERE DO I GET MORE INFORMATION?

General information regarding the site can be obtained from the State of California's GeoTracker website at http://geotracker.waterboards.ca.gov/. The case file for the subject site is available for review at the SCEMD office, located at 10590 Armstrong Avenue, Suite A, Mather, CA 95655. SCEMD files for the property may also be viewed at http://www.emdpublicrecords.saccounty.net/ (at this web site, enter '3600 Airport' as the property address to begin the search.

HOW DO I PARTICIPATE?

Any interested individual has the opportunity to learn more about the environmental case and its pending closure by submitting comments to Susan Erikson at SCEMD by August 31, 2013. Ms. Erikson may be reached by telephone at (916) 875-8433, via e-mail at eriksons@saccounty.net, or in writing at 10590 Armstrong Avenue, Suite A, Mather, CA 95655.

NOTICE OF FEE TITLE RECORD

Environmental Management
Department
Val F. Siebal, Director

County of Sacramento

Divisions
Environmental Compliance
Environmental Health

NOTIFICATION OF RECORD OWNERS OF FEE TITLE:

PRIMARY RESPONSIBLE PARTY	SITE IDENTIFICATION/ADDRESS
Beazer Homes USA, Inc.	3600 Airport Road, Sacramento

The Environmental Compliance Division (ECD) has received your request for consideration of a "No Further Action" determination for the site identified above. The ECD has made the following preliminary determination of the current record owner of fee title for the site:

CURRENT RECORD OWNER OF FEE TITLE:

Pursuant to the California Health & Safety Code and the California Water Code, it is your responsibility to notify the current record owner of fee title regarding a request for ECD consideration of a cleanup proposal or a request for "No Further Action." It is also your responsibility to provide proof of this notification to our agency. Your signature below certifies that you have confirmed the above party as the only current record owner of fee title for the subject property. You may use this form to verify that you have notified the current record owner of fee title by obtaining the signature of the owner or his/her authorized agent below and returning this form to our office. If there are additional current record owners of fee title, or if our determination is incorrect, please provide us with an additional/alternate form of proof of notification to the appropriate party/parties.

PRIMARY RESPONSIBLE PARTY:	RECORD OWNER OF FEE TITLE:
Signature: Richard C Cuppett	Signature: Frank J. Machado
Name: RICHARD CUPPETT	Name: FRANK MACHADO
Title: LAND DEVELOPMENT MANAGER	Title: OWNER
Date: 6-5-2013	Date: 6/5/13

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NO FURTHER ACTION REQUEST SUMMARY

NO FURTHER ACTION REQUEST SUMMARY
3600 AIRPORT ROAD, SACRAMENTO, CALIFORNIA
BEAZER-MACHADO RESIDENCE
SCEMD CASE NUMBER C321
JULY 17, 2013

TABLE OF CONTENTS

1.0 CHRONOLOGY

August/September 2003

Kleinfelder performed a Phase I and limited Phase II investigation on the property. At this time, two underground storage tanks (USTs) used for storing gasoline, and two above ground storage tanks (ASTs) used for storing diesel fuel, were identified. The USTs were located at different portions of the property, with one UST (T1) located near the southern property boundary and the other UST (T2) located approximately 125 feet northeast of T1.

Seven direct push borings (GB-1 through GB-7) were advanced in order to collect soil and groundwater samples from the subsurface. In addition, 10 hand auger soil samples (S-1 through S-10) were collected. A map depicting soil boring and sampling locations, and the layout of the facility at the time this work was completed, is provided in Attachment A. The samples were analyzed for various constituents depending upon their location on the property, including one or more of the following: petroleum hydrocarbons, fuel oxygenates, volatile organic compounds, organochlorine pesticides, CAM 17 metals, and/or nitrate as NO_3. Total petroleum hydrocarbons as gasoline (TPHG) and diesel (TPHD), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE) were detected in most soil samples collected near the USTs/ASTs. TPHD, TPHG, benzene, and MTBE were reported at maximum concentrations of 530 milligrams per kilogram (mg/Kg), 1,400 mg/Kg, 3.0 mg/Kg, and 12 mg/Kg, respectively, in soil, and 5,600 micrograms per liter (µg/L), 2,600,000 µg/L, 47,000 µg/L, and 57 µg/L, respectively, in groundwater. Analytical results of this investigation are provided in Attachment B. After receiving a report documenting the findings of this work, Sacramento County Environmental Management Department (SCEMD) submitted an unauthorized release report. No soil boring logs were included in the report.

November 2003

An additional subsurface investigation consisting of advancing 17 additional direct push borings (GB-8 through GB-24) for soil and groundwater sample collection was performed by Kleinfelder. The investigation focused on analysis for petroleum hydrocarbon and fuel oxygenate contaminants, and these analytical results are included in Attachment B. No soil boring logs were provided in the report.

August 2004

Kleinfelder, working in conjunction with W.A. Craig, removed the USTs from the property. At this time, it was determined that the USTs were 500 or 550 gallons in size. After removing the USTs, excavations were performed near each UST. Kleinfelder estimates that approximately 1,300 in-place cubic yards of impacted soil, and 770 to 800 in-place cubic yards of non-impacted soil, were excavated from the site. Approximately 22 compliance soil samples and one grab groundwater sample were collected during the work. In addition, 17 additional direct push borings (GB-25 through GB-41) were advanced at this time to enable soil and groundwater sample collection. Maps depicting sample and excavation locations are included in Attachment A, and analytical results are

included in Attachment B. Clean (overburden) soil generated during excavation work, and also imported crushed rock and soil, were used to backfill the excavation.

Soil boring logs were not provided in the report documenting the excavation and direct push boring investigation; however, Kleinfelder prepared a geologic cross section depicting interpreted shallow soil types. This cross section, and a map illustrating the surface trace of this sectional profile, are provided in Attachment C.

October 2004 to February 2005

Kleinfelder directed the installation of six groundwater monitoring wells (MW-1 through MW-6) at the site. Soil boring logs and well construction details for these boreholes/wells are provided in Attachment D. The wells were installed to depths ranging from approximately 25 feet bgs (MW-1 through MW-4) to 30 feet bgs (MW-5 and MW-6). Soil vapor samples were collected from six locations on a residential property located south of the site, at 3590 Airport Road. The purpose of the work was to assess potential health risk to indoor air associated with contaminants remaining in the subsurface. Attachment E presents a map illustrating soil vapor sampling locations (SV1 through SV6), and tabulated analytical results of these samples (BTEX constituents). Concentrations of BTEX in soil vapor were relatively low, and in a June 2005 report, Kleinfelder concluded that inhalation cancer risk associated with these contaminants was well below levels established by the Department of Toxic Substances Control and Environmental Protection Agency (DTSC/EPA).

Late 2007 / Early 2008

Well MW-3 was destroyed during this approximate time frame, and a replacement well (MW-3B) was installed.

Groundwater Monitoring

Shortly following the installation of wells MW-1 through MW-6, groundwater levels at the property were below 30 feet bgs, due to the absence of measureable water levels in wells MW-5 and MW-6 in early 2005. Between December 2006 and March 2012, groundwater levels in wells MW-5 and MW-6 fluctuated between approximately 26.8 and 15.8 feet below the top of the well casing. Historical groundwater elevation data is provided in Attachment F.

Calculated groundwater flow directions beneath the property have been variable. Attachment G presents historical groundwater elevation contour maps prepared from available site data. Given this information, southeast, east, and northeast groundwater flow appears to be predominant beneath the site vicinity. North-northwest groundwater flow was also observed using data collected from one groundwater monitoring event.

Groundwater Sampling and Extent of Impact to Groundwater

Following completion of the third direct push investigation at the site in August 2004, Kleinfelder prepared iso-concentration contour maps depicting the interpreted extent of GRO, benzene, and MTBE in groundwater at that time. These figures are presented in Attachment H. The figures illustrate that separate TPHG/benzene plumes were present in

the areas surrounding the T1 and T2 USTs, and commingling between the two plumes does not appear to have occurred. Historically, GRO and benzene were detected at concentrations over 2,000,000 micrograms per liter (µg/L) and 40,000 µg/L, respectively, near T1, and over 40,000 µg/L and 3,000 µg/L, respectively, near T2. Low levels of MTBE (and a small plume) were detected in the area near T2, however no MTBE has been detected in the area near T1.

Relatively low levels of fuel contaminants have been reported in samples collected from the site's monitoring well network. Given this condition, excavation remedial work appears to have been effective in improving groundwater quality beneath the site, likely by removing adsorbed petroleum hydrocarbon mass. Attachment I presents a tabulated summary of available groundwater well sampling data. Historically, the highest concentrations of petroleum hydrocarbons have been detected in samples collected from well MW-6, which is situated south of T1. Maximum TPHG and benzene concentrations in samples collected from this well have been reported at 2,100 µg/L and 120 µg/L, respectively. It should be noted, however, that less analytical data is available from wells MW-1 through MW-4 than wells MW-5 and MW-6, because these wells were installed to a shallower depth and could not be sampled during some well sampling events due to dry conditions. In well MW-4, situated northwest of T1, TPHG was detected at a maximum concentration of 2,600 µg/L; BTEX concentrations in this well, however, were predominately reported below laboratory detection limits. At the time of the most recent well sampling event performed at the site in March 2012, TPHG, BTEX, and MTBE concentrations were reported below laboratory instrument detection levels in all samples.

1,2-dichloroethane (1,2-DCA) has been detected in most samples collected from well MW-6, with a maximum concentration of 39 µg/L reported. In a letter dated May 15, 2013, SCEMD personnel requested that 'a discussion as to the source of the 1,2-DCA found in MW-6' be provided for agency review. During the excavation work and compliance soil and groundwater sampling at T1, 1,2-DCA was detected in two soil samples, at concentrations of 0.22 mg/Kg and 0.012 mg/Kg. In addition, in a grab groundwater sample collected from the southeast corner of the T1 excavation, 1,2-DCA was detected at a concentration of 440 µg/L (see Attachment B). Given that 1,2-DCA was detected in both soil and grab groundwater during the T1 area remedial project, and well MW-6 is situated approximately 15 feet south of T1, it is our opinion that the 1,2-DCA reported in well MW-6 originated from the T1 area.

Groundwater Water Sensitive Receptors

Two water wells have been identified in close proximity to the site; the Machado well, which is located onsite on the north-central portion of the property, and the Sing well, located immediately south of the site at 3590 Airport Road. The Sing well is located approximately 20 feet south of the T1 area. Samples have been collected from the Sing well since late 2003, and no gasoline related fuel contaminants (i.e. TPHG, BTEX, oxygenates, or additives) were detected in any of these samples. In two of the samples, low levels of extractable TPH (in the motor oil range) were reported; it does not appear as though silica gel treatment was performed on the samples. Analytical data from the Sing well samples are included in Attachment I. Kleinfelder sampled the Machado well in August 2003, and no gasoline related fuel contaminants were detected in the sample. Analytical results for the Machado well sample are included in Attachment B.

In June 2013, Stratus searched the records of well completions on file with the Department of Water Resources (DWR). After obtaining these records, Stratus also performed a field reconnaissance to attempt to locate undocumented water supply wells situated within a 500-foot radius of the site (none were located). A map illustrating the approximate locations of wells identified within a 2,000-foot radius of the site is provided in Attachment K. A well completion report for the Machado well was located (Map ID #1); however a well completion report for the Sing well (Map ID #2) was not located in this search. The Machado well was constructed using plastic well casing inside of a 14-inch diameter borehole, and gravel packed from 50 to 156 feet bgs. The driller reported installing a sanitary seal on the Machado well from surface grade down to 50 feet bgs.

Approximately 1,000-feet north of the site, a water supply well was reportedly installed immediately east of Airport Road. This area has been re-developed with subdivision-style single family housing, however approximately 1,000-feet north of the site, on the west side of Airport Road (3801 Airport Road), there is a single residence that appears more likely to be using a water well. In addition, the 'base map' used to prepare the Attachment K figure illustrates a well in this general location. Stratus was unable to locate a well at this location during the field reconnaissance of the area. Stratus also searched Tanzanite Park, located approximately 500 feet southeast of the site, for the presence of a water supply well, and none was located.

Two wells were reportedly installed for Elixir Industries, at 3321 Airport Road (Map ID # 4 and 5). Stratus visually identified one of the two wells (uncertain which one). This area contains two relatively large buildings and both buildings are served by municipal water supplies. A well was reportedly installed near the intersection of San Juan Road and Airport Road, immediately north of Interstate 80 (Map ID #6). This area is near the perimeter of a property operated by the Sacramento Regional County Sanitation District (SRCSD) and the Natomas Pump Station; however SRCSD is not identified as the owner of this well. A well was also reportedly installed about 1,900 feet west of the site, across Interstate 5 (Map ID #7). Due to confidentiality concerns and regulations in-place regarding GeoTracker data uploading, further information regarding water supply wells will be provided to SCEMD or the California Regional Water Quality Control Board (RWQCB) only upon request.

Based on the available data, the Machado and Sing wells are potentially threatened by remaining fuel contaminants in groundwater, given their close proximity to previously documented impact in shallow groundwater. It is difficult to fully assess risk to the Sing well, due to the absence of water well construction details; however, the consistent absence of contaminants in samples collected from this well may indicate that the well is of sufficient depth, and adequately sealed, to allow for continued use with minimal risk of impact to the well. It should be noted that a municipal water source serves subdivision-type housing located north and east of the site. In the event that the Machado or Sing wells were to become impacted with petroleum hydrocarbons, an alternate water supply from a municipal source should be available.

2.0 LOW RISK GROUNDWATER CRITERIA

2.1 *The leak has been stopped and sources, including free product, have been removed or remediated:*

Hazardous substance release mechanisms must be identified, if possible, and the release must be sufficiently abated so as to prevent ongoing pollution.

If the release was from a petroleum underground storage tank, the tank or appurtenant structure that leaked must be repaired or permanently closed per Article 7, Section 2672 of the UST regulations. Free product shall be removed to the extent practicable per Article 5, Section 2655 of the UST regulations.

Soil that contains sufficient mobile constituents (leachate, vapors, or NAPL), as determined by the site-specific plume characteristics and soil analytical data, to continue to degrade water, or result in a significant threat to human health, should be considered a source.

The USTs were removed from the site and replacement USTs were not installed. Approximately 1,300 in-place cubic yards of petroleum hydrocarbon impacted soil were excavated and removed from the site.

2.2 *The site has been adequately characterized.*

The vertical and lateral extent of the subsurface impact must be defined to the degree that is necessary to evaluate whether the site currently poses, or in the future may pose, a significant threat to human health, waters of the State, or other nearby sensitive receptors. The level of detail required at a given site will depend upon the contaminant(s) of concern, the types of potential receptors, and exposure pathways, and the proximity of other potential receptors.

It is assumed that subsurface conditions are highly variable and that there is always some uncertainty associated with evaluating data at a site. However, the cost of obtaining additional data must be weighed against the benefit of obtaining that data and the effect the data may have on the certainty of decisions to be made at the site.

The presence or absence of horizontal and vertical conduits that could act as preferential pathways for contaminant migration should be evaluated as a part of the site characterization process. Vertical gradient evaluation may be necessary.

The site has been adequately characterized through the advancement of 41 direct push borings, installation of six groundwater monitoring wells (one well later destroyed and replaced), performance of periodic groundwater monitoring and sampling, and completion of a soil vapor survey.

2.3 *The contaminant plume is not migrating and chemical concentrations in groundwater are projected to meet water quality objectives through natural attenuation or engineered solutions prior to the beneficial use of groundwater.*

If groundwater within the plume is likely to be used before natural attenuation or engineered solutions are projected to complete the cleanup, then active or additional remediation may be required.

Plumes often display short-term variability in groundwater concentrations. These effects are due to changes in groundwater flow, degradation rates, sampling procedures, and other factors that are inherently variable. This variability should not necessarily be construed as evidence of plume migration or degradation. This site characterization database must support the conclusion that a plume is degrading or not migrating.

In the most recent well sampling event, concentrations of TPHG, BTEX, and MTBE were reported below laboratory detection limits in all samples. Only di-isopropyl ether (at only 1.0 µg/L) was detected in one sample. 1,2-DCA is consistently detected in one of the six monitoring wells (MW-6), and appears to be a persistent contaminant in groundwater in a small portion of the site near the former T1 UST.

2.4 *No other waters of the State, water supply wells or other sensitive receptors are likely to be impacted.*

Water supply wells include municipal, local service or private wells, agricultural and industrial wells. Central Valley aquifers generally are not segregated into discrete units, but are subject to vertical and horizontal migration of water and any pollutants carried by or in the water, often by local pumping.

No surface waters appear threatened from remaining groundwater contaminants. Soil gas sampling has shown that inhalation risks of exposure to subsurface fuel contaminants are very low.

There are two domestic wells located in close proximity to the remaining fuel-related groundwater contaminants. Sampling of these wells appears to have sufficiently demonstrated that fuel-related groundwater contaminants are not affecting the wells at this time, and thus given these historical results, risk to the wells is likely low.

2.5 *The site presents no significant risk to human health or safety.*

Remaining site conditions shall not exceed a hazard index of one, a one-in-one-million excess cancer risk (10^{-6}) for residential receptors and a one-in-one-hundred-thousand (10^{-5}) excess cancer risk for commercial receptors (including construction workers). Site representative concentrations shall either be the maximum reported concentration, the 95% upper confidence level, or the area weighted average, as appropriate. At a minimum, exposure pathways to be considered shall include surface soil and groundwater ingestion, and surface soil,

subsurface soil, and groundwater volatilization to indoor and outdoor air (via basements, buildings, subsurface utilities, etc.).

Note: The Responsible Party is required to demonstrate the acceptability of the model(s) used to determine the human health risk.

Concentrations of BTEX in soil vapor were deemed to be a less than one-in-one-million cancer risk (via inhalation) at the 95% upper confidence level by Kleinfelder (report dated June 28, 2005). The risk of exposure to fuel contaminants via groundwater ingestion should be low, given historical analytical results from water well samples.

3.0 CV-RWQCB APPENDIX B CHECKLIST

3.1 *For groundwater-impacted sites, distance to production wells for municipal, domestic, agriculture, industry, and other uses within 2,000 feet of the site;*

A map illustrating approximate water supply well locations within a 2,000-foot radius of the site is provided in Attachment K.

3.2 *Site maps, to scale, of area impacted showing locations of former and existing tank systems, excavation contours and sample locations, borings and monitoring well elevation contours, gradients, and nearby surface waters, buildings, streets, and subsurface utilities;*

See Attachment A for site plans. Groundwater elevation contour maps are provided in Attachment G.

3.3 *Figures depicting lithology (cross sections), treatment system diagrams;*

A geologic cross section is provided in Attachment C.

3.4 *Stockpiled soil remaining on-site or off-site disposal (quantity);*

No investigation derived soil remains on-site.

3.5 *Monitoring wells remaining on-site, fate;*

Groundwater monitoring wells and remediation wells remain onsite. The wells will remain in place until sampling is no longer required.

3.6 *Tabulated data of all groundwater elevations and depth to water;*

See Attachment F.

3.7 *Tabulated results of all sampling and analysis;*
- *Detection limits for confirmation sampling*
- *Lead analyses*

All available analytical results (tabulated) are included in Attachments B and I.

3.8 *Concentration contours of contaminants found and those remaining in soil and groundwater; both on-and off-site;*
- *Lateral extent of soil contamination*
- *Vertical extent of soil contamination*
- *Lateral extent of groundwater contamination*
- *Vertical extent of groundwater contamination*

Attachment H provides historical groundwater iso-concentration contour maps for TPHG, benzene, and MTBE, using direct push boring data, prior to completion of excavation remediation work. Currently, TPHG, benzene, and MTBE

concentrations in groundwater are below laboratory detection limits, and thus preparation of groundwater iso-concentration contour maps is not appropriate.

In our opinion, there is not sufficient (and current) data available to prepare accurate post-excavation soil iso-concentration contour maps, and thus these figures were not generated for this report.

3.9 *Zone of influence calculated and assumptions used for the subsurface remediation system and the zone of capture attained for the soil and groundwater remediation systems.*

Not applicable

3.10 *Reports/information*

- *Unauthorized Release Form*
- *Quarterly monitoring reports*
- *Problem Assessment Report*
- *Final Remediation Plan*
- *Well and borings logs*
- *Other*

Boring logs for the site's monitoring wells are provided in Attachment D. All reports are on file with SCEMD.

3.11 *Best Available Technology (BAT) used or an explanation for not using BAT;*

Approximately 1,300 cubic yards of impacted soil was excavated and removed from site.

3.12 *Reason why background was/is attainable using BAT;*

Current levels are protective.

3.13 *Mass balance calculation of the substance treated versus that remaining;*

In 13 soil stockpile samples collected during excavation, TPHG and benzene were reported at average concentrations of 252.2 mg/Kg and 0.56 mg/Kg, respectively. Assuming an in-place soil density of 100 pounds per cubic foot (2,700 pounds per cubic yard), and a removal volume of 1,300 cubic yards, Stratus estimates that 887.1 pounds of TPHG and 1.97 pounds of benzene were removed by excavation. A contaminant mass removal computation sheet documenting these calculations is provided in Attachment J. The remaining mass of petroleum hydrocarbons beneath the site is not known; only limited samples from the base of the excavations were collected, and none of this data is current (intermittently below water table interface).

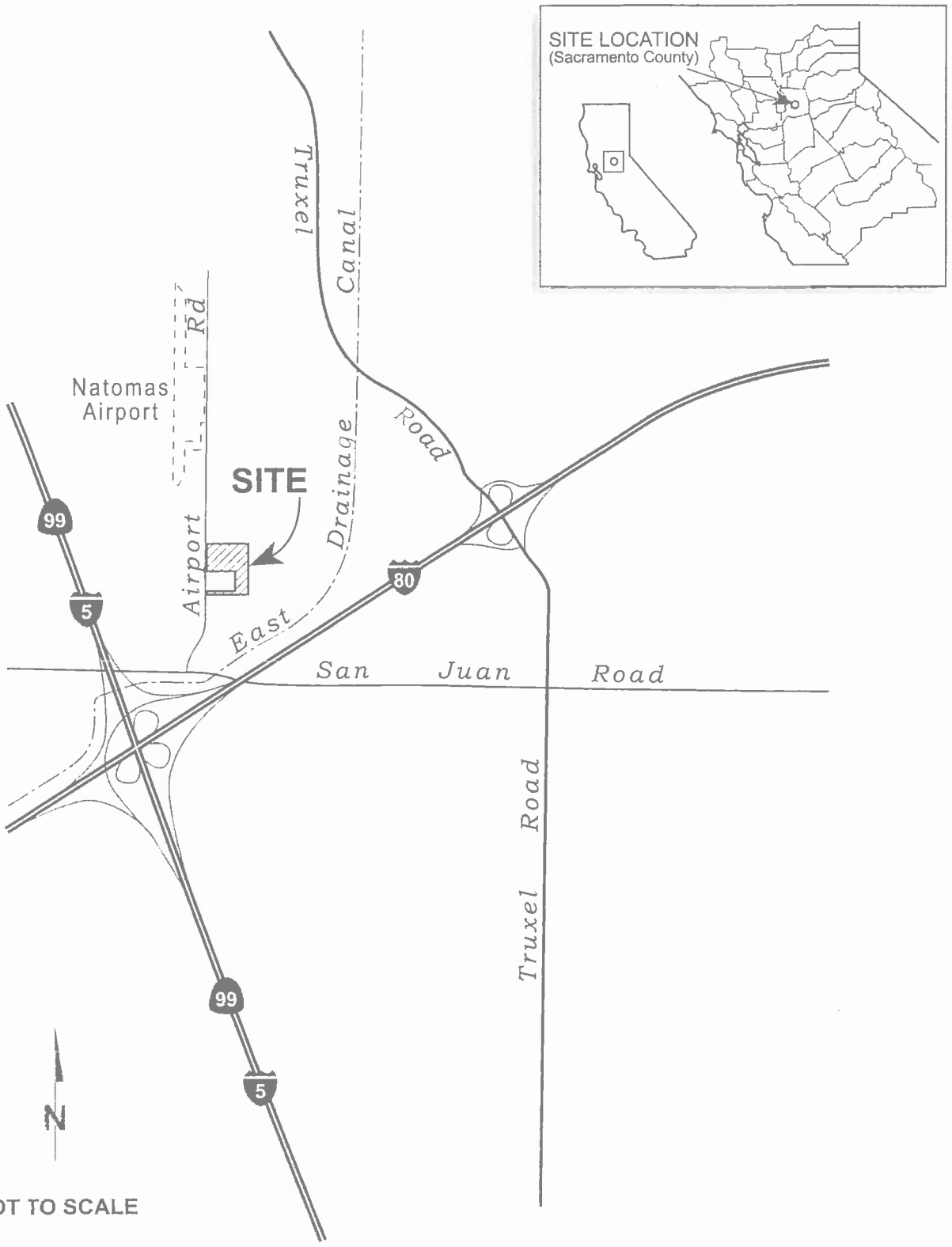
3.14 *Assumptions, parameters, calculations and model used in risk assessments, and fate and transport modeling.*

Kleinfelder's soil vapor risk assessment report submitted June 28, 2005.

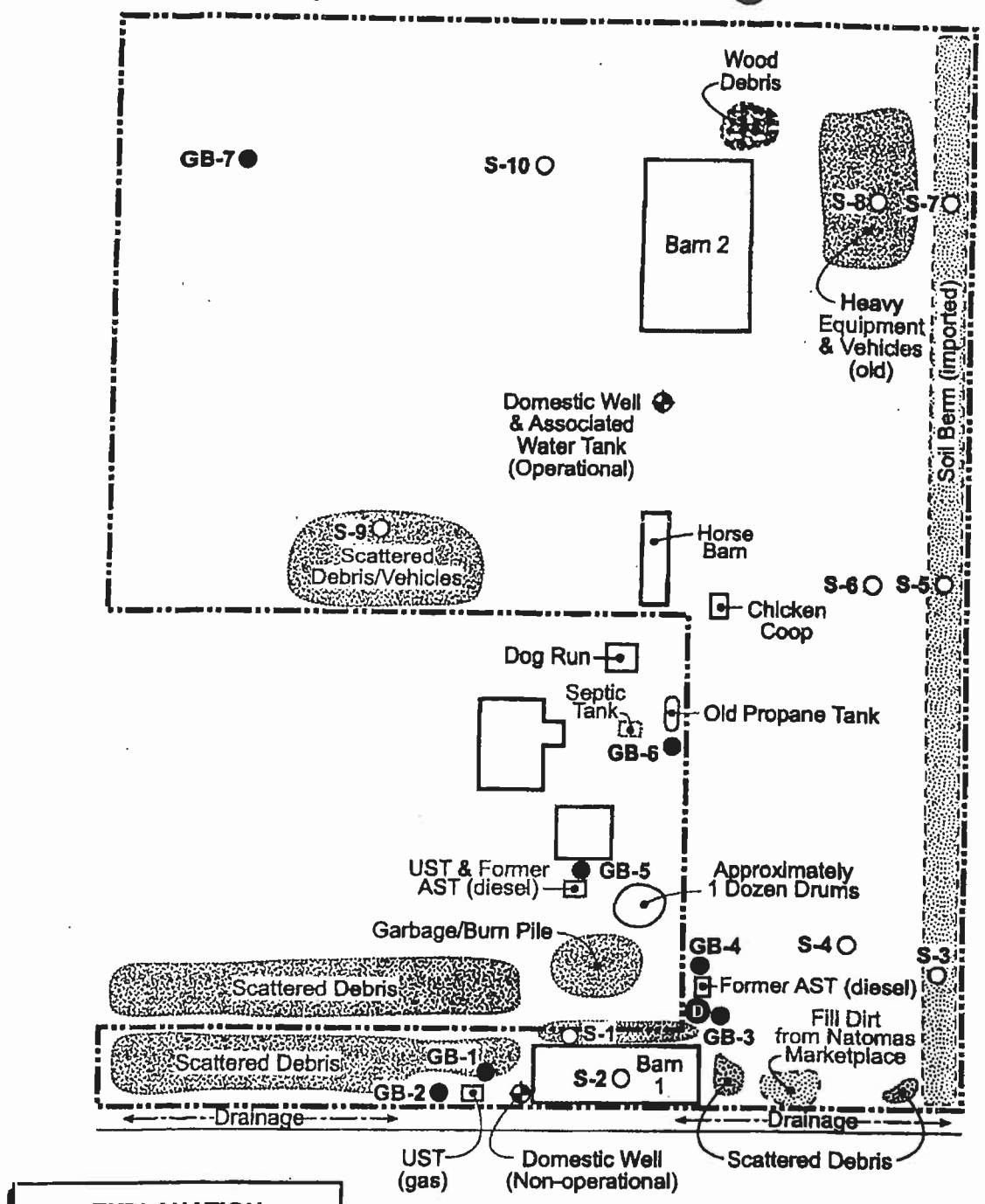
3.15 *Rationale why conditions remaining at the site will not adversely impact groundwater quality, health, or other beneficial uses; and*

The petroleum hydrocarbon groundwater plume has attenuated appreciably, and current concentrations in the monitoring wells are very low. 1,2-DCA in groundwater impacts only a small area of the site. Soil vapor concentrations of petroleum hydrocarbons unlikely to be a health risk. Water wells are located near the remaining contaminants, however use of these wells in recent years does not appear to have resulted in contaminant migration into the wells, based on available analytical data.

ATTACHMENT A



KLEINFELDER www.Kleinfelder.com	Project Number: 97042 Graphic Date: 1/7/09 Graphic By: D. Anderson Checked By: A. Warren File Name: 97042slm12-08.fh11	SITE LOCATION MAP MACHADO RANCH 3590 AND 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA	Plate 1



EXPLANATION

- Site Boundary
- D Drums
- Domestic Well
- GB-1 ● Geoprobe Boring
- S-1 ○ Soil Surface Sample

APPROXIMATE SCALE: 1-inch = 100-feet

0 50 100 200

N

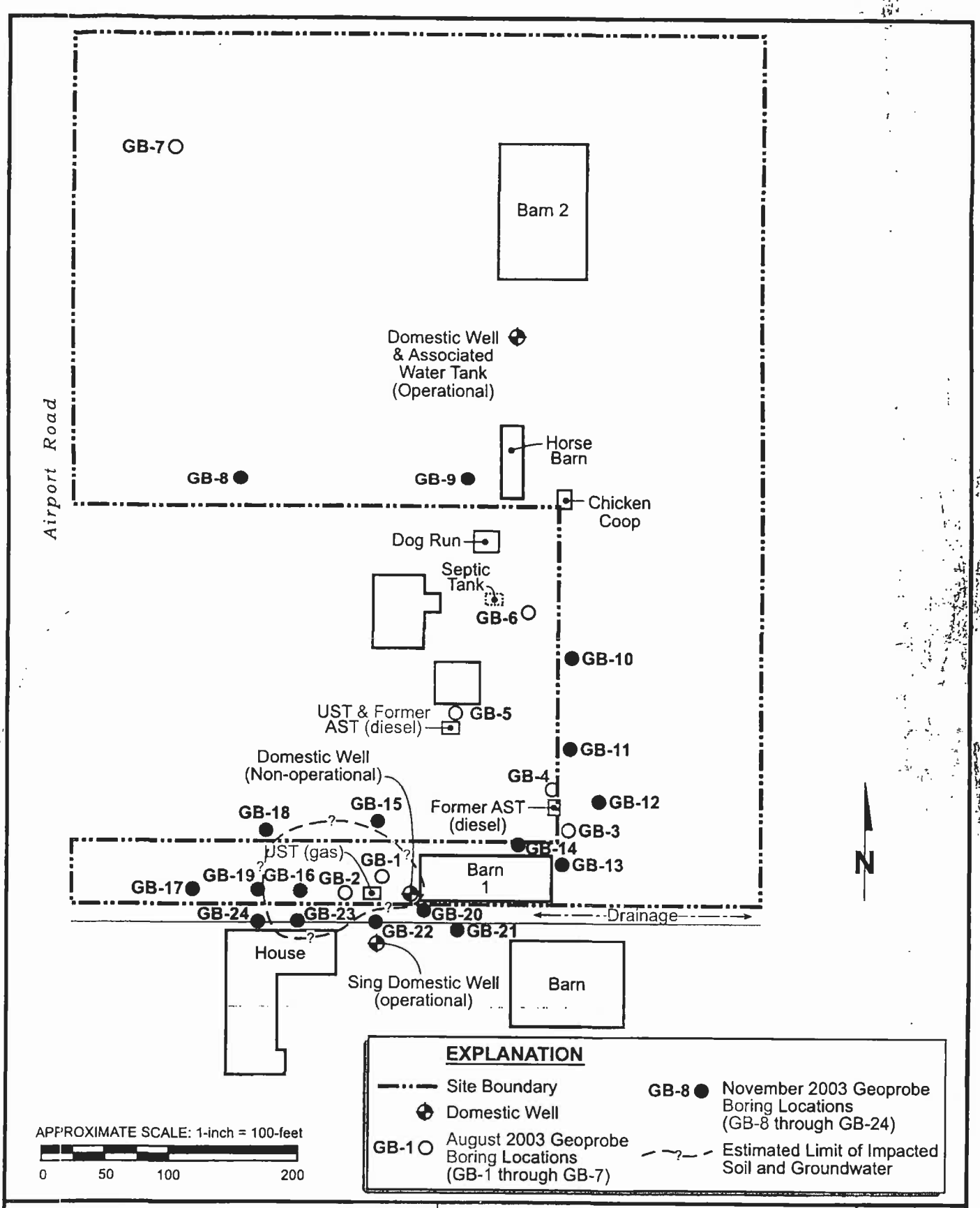
KLEINFELDER

Drawn By: D. Shelhart	Date: 9-2-2003
Project No. 34352-1	Filename: 2856b.fh10

SITE MAP

3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 2



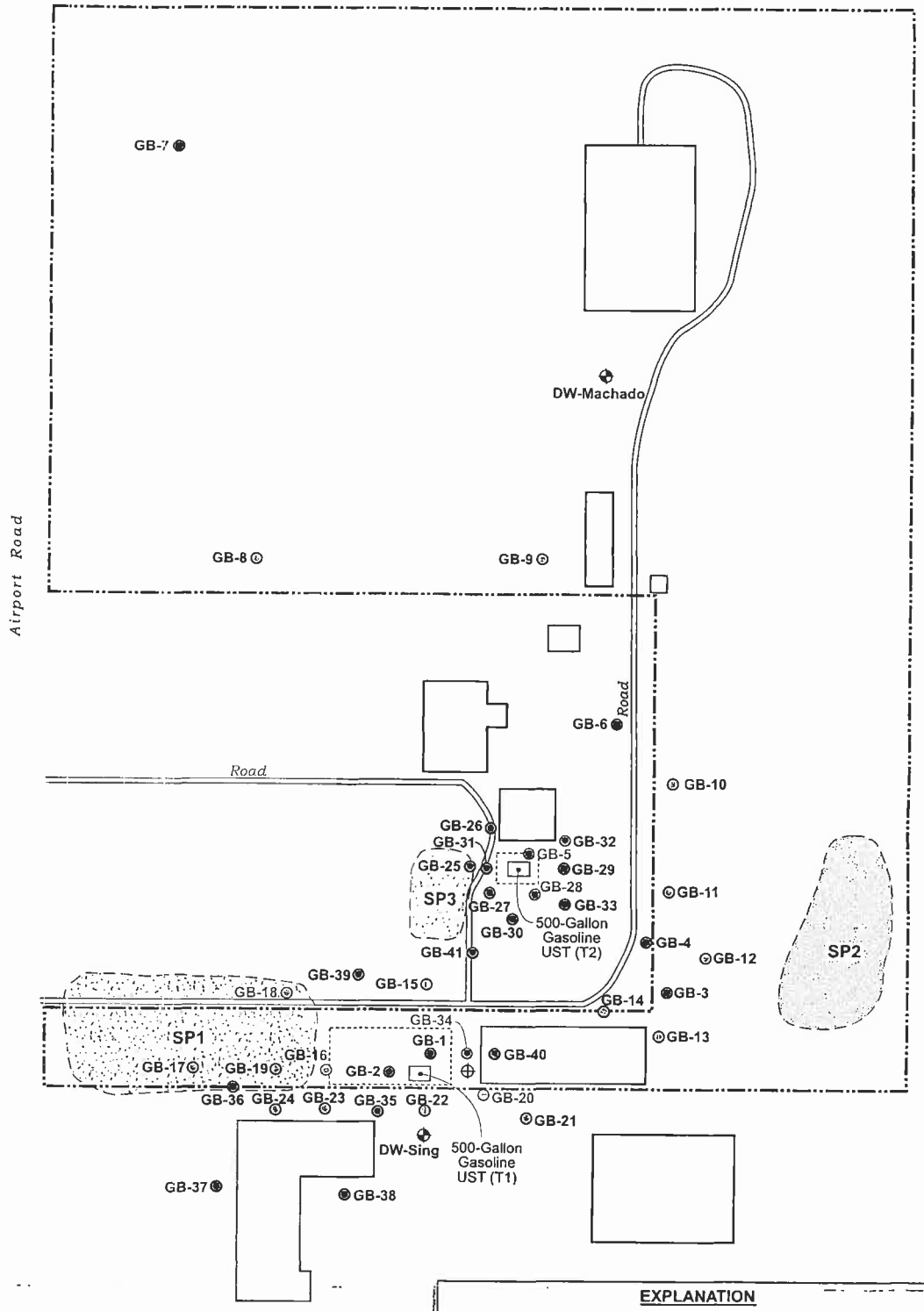
KLEINFELDER

Drawn By: D. Shelhart	Date: 11-20-2003
Project No. 34352-003	Filename: 2856f.fh10

GEOPROBE BORING LOCATION MAP

3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 2



EXPLANATION

- Site Boundary
- Domestic Well (operational)
- Domestic Well (non-operational)
- GB-1 August 2003 Geoprobe Boring Locations (GB-1 through GB-7)
- GB-8 November 2003 Geoprobe Boring Locations (GB-8 through GB-24)
- GB-25 August 2004 Geoprobe Boring Locations (GB-25 through GB-41)
- Impacted Stockpiled Soil
- Non-Impacted Stockpiled Soil
- Approximate Excavation Boundaries

APPROXIMATE SCALE: 1-inch = 70-feet

0 70 140

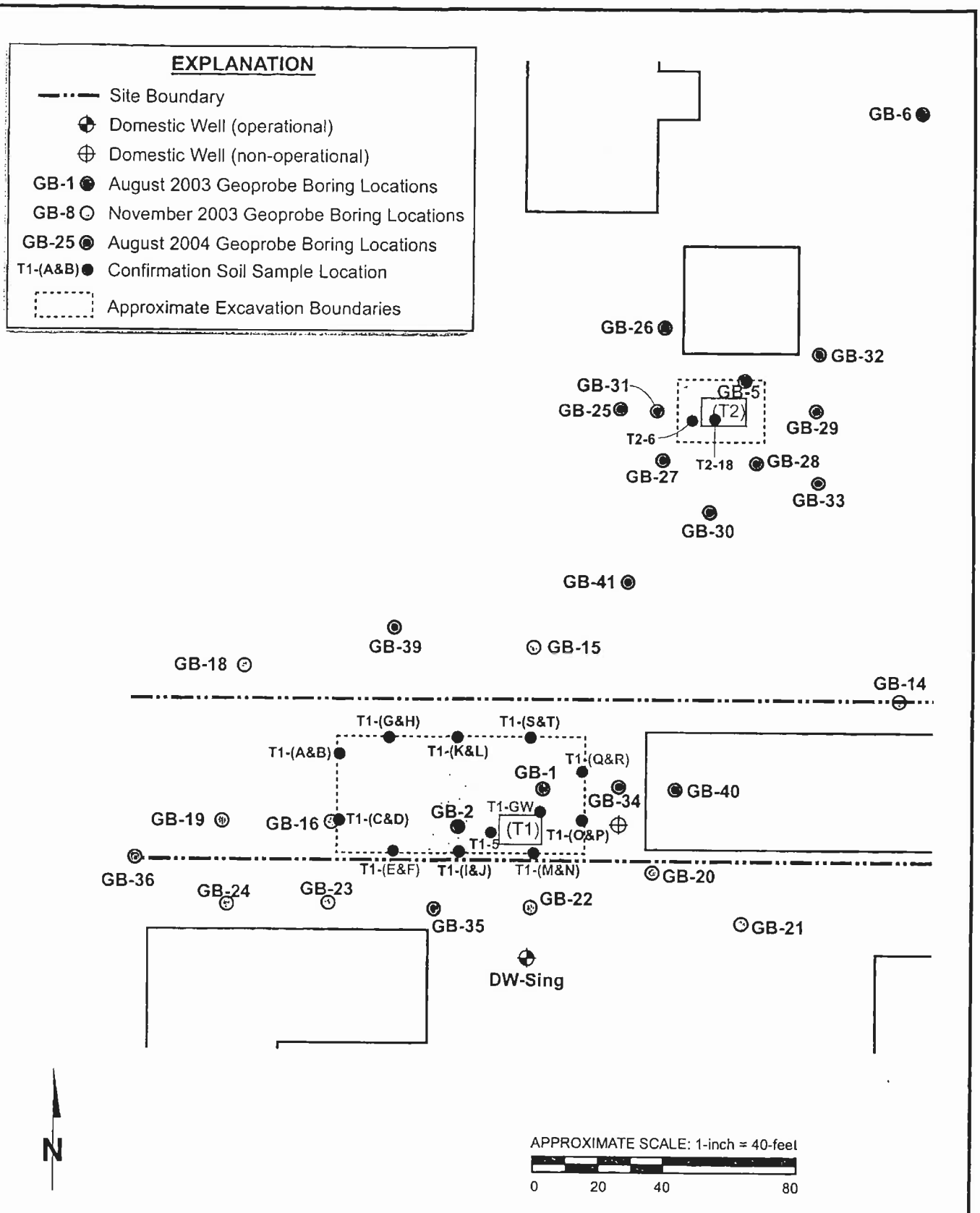
KLEINFELDER

Drawn By: D. Shelhart
Project No. 47359-002
Date: 9-16-2004
Filename: 2856i fh10

UST EXCAVATION & GEOPROBE BORING MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 2



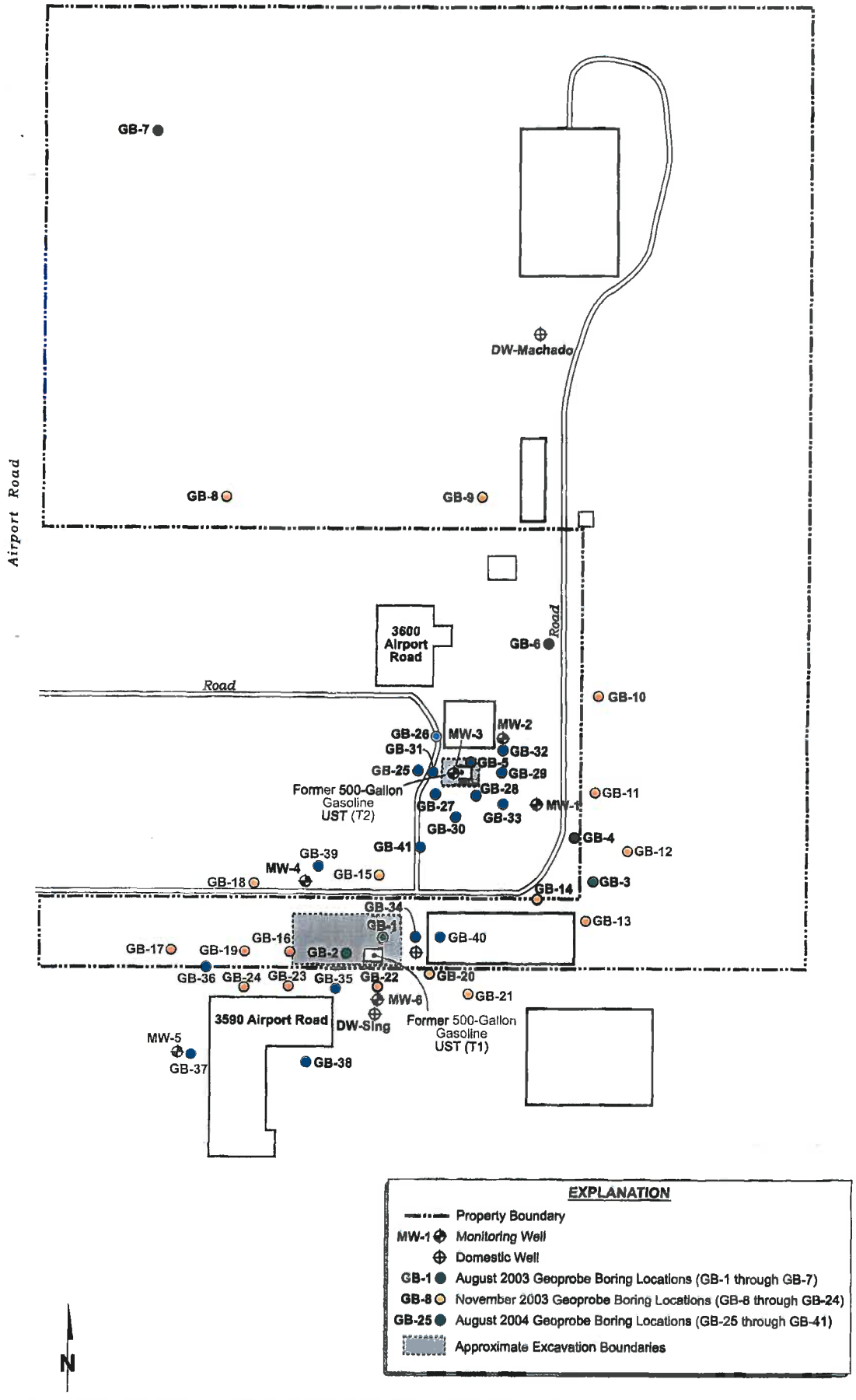
KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856n.fh10

CONFIRMATION SAMPLE LOCATION MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3



APPROXIMATE SCALE: 1-inch = 70-feet

0 70 140

KLEINFELDER

Drawn By: D. Shelhart
Project No. 47359-002
Date: 9-16-2004
Filename: 2856i2.fh10

SITE MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 2

ATTACHMENT B

Table 1
Summary of Analytical Results
3600 Airport Road
Sacramento, California
34352-002

Sample Location		Sample Number	Sample Date	Sample Depth (Feet)	TPH Diesel	TPH Motor Oil	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	VOCs	5 Oxygenates	Organochlorine Pesticides	Nitrate as NO3	Reporting Units
GB-1	soil	30001	8/20/03	9.5--10	530000	ND	1400000	1700	110000	37000	280000		4500 (MTBE)			ug/kg
	water	11112	8/20/03		5600	ND	120000	34000	27000	1300	4400		ND			ug/L
GB-2	soil	30002	8/20/03	13.5--14	200000	ND	880000	3000	69000	20000	100000		ND			ug/kg
	water	11113	8/20/03		6000	ND	2600000	47000	42000	2300	12000		ND			ug/L
GB-3	soil	30003	8/20/03	3.5--4	ND	12000	ND	ND	ND	ND	ND		ND			ug/kg
	water	11114	8/20/03		ND	ND	ND	ND	ND	ND	ND		ND			ug/L
GB-4	soil	30004	8/20/03	8.5--9	ND	7800	ND	ND	ND	ND	ND		ND			ug/kg
	water	11115	8/20/03		ND	2300	ND	ND	ND	ND	ND		ND			ug/L
GB-5	soil	30005	8/20/03	3.5--4	ND	10000	ND	ND	ND	ND	ND		ND			ug/kg
	soil	30006	8/20/03	10.5--11	19000	ND	1400	7.9	5	21	83		12 (MTBE)			ug/kg
	water	11116	8/20/03		4400	ND	23000	2500	1900	970	3500		57 (MTBE)			ug/L
GB-6	soil	30007	8/22/03	1.5--2	ND	5900	ND	ND	ND	ND	ND	ND	ND	ND		ug/kg
	water	11119	8/22/03		ND	ND	ND	ND	ND	ND	ND	9.3 (Naphthalene)	ND	ND		ug/L
GB-7	soil	30008	8/22/03	surface--0.5										ND		ug/kg
	water	11120	8/22/03		ND	ND	ND	ND	ND	ND	ND		ND			ug/L
S-1	soil	00001	8/22/03	surface	ND	13000000	ND	ND	ND	ND	ND	ND	ND	ND		ug/kg
S-2	soil	00002	8/22/03	surface	ND	4700000	ND	ND	ND	ND	ND	ND	ND	ND		ug/kg
S-3	soil	00005	8/22/03	0.5--1	ND	6000	ND	ND	ND	ND	ND		ND	ND		ug/kg
S-4	soil	00006	8/22/03	surface--0.5										ND		ug/kg
S-5	soil	00008	8/22/03	1--1.5	ND	470000	ND	ND	ND	ND	ND		ND	ND		ug/kg
S-6	soil	00009	8/22/03	surface--0.5										ND		ug/kg
S-7	soil	00011	8/22/03	1--1.5	ND	54000	ND	ND	ND	ND	ND		ND	11 (4,4'-DDE)		ug/kg
S-8	soil	00012	8/22/03	surface--0.5										4.4 (4,4'-DDT)		ug/kg
S-9	soil	00014	8/22/03	surface--0.5										ND		ug/kg
S-10	soil	00015	8/22/03	surface--0.5										ND		ug/kg
Domestic Well	water	20001	8/22/03	1--1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2900	ug/L

ND - none detected above laboratory reporting limits
Blank cells : not analyzed

ug/kg : micrograms per kilogram (parts per billion)
ug/L : micrograms per liter (parts per billion)

Table 2
Summary of Analytical Results (Metals)
3600 Airport Road
Sacramento, California
34352-002

Sample Location		Sample Number	Sample Date	Sample Depth (Feet)	Arsenic	Selenium	Thallium	Antimony	Barium	Beryllium	Cadmium	Cobalt	Chromium	Copper	Lead	Molybdenum	Nickel	Silver	Vanadium	Zinc	Mercury	Reporting Units
PRG (Residential Soil)					*22*	*390*	*5.2*	*31*	*5,400*	*150*	***17*	*900*	*210*	*3,100*	***150*	*390*	*1,600*	*390*	*550*	*23,000*	*0*	*mg/kg*
GB-7	soil	30008	8/22/03	surface–0.5	2.1	ND	ND	ND	340	ND	0.66	30	49	28	65	ND	72	8.7	56	39	ND	mg/kg
S-1	soil	00001	8/22/03	surface	4.3	ND	ND	ND	270	ND	4.3	13	40	41	150	1.2	43	7.6	41	400	ND	mg/kg
S-2	soil	00002	8/22/03	surface	7.8	ND	ND	8.3	600	ND	10	11	33	150	540	4.2	52	11	22	4200	0.15	mg/kg
S-3	soil	00005	8/22/03	0.5–1	5	ND	ND	ND	130	ND	ND	17	61	30	6.2	ND	90	10	57	57	0.11	mg/kg
S-4	soil	00006	8/22/03	surface–0.5	5	ND	ND	ND	170	0.53	0.84	16	66	41	13	ND	70	12	73	70	0.14	mg/kg
S-5	soil	00008	8/22/03	1–1.5	8.2	ND	ND	ND	200	0.52	1.8	14	72	73	33	1.4	59	12	88	140	0.85	mg/kg
S-6	soil	00009	8/22/03	surface–0.5	4.3	ND	ND	ND	400	ND	0.84	50	50	34	12	ND	150	10	65	58	ND	mg/kg
S-7	soil	00011	8/22/03	1–1.5	7.8	ND	ND	ND	140	ND	0.86	14	44	39	16	ND	52	8.8	61	72	0.53	mg/kg
S-8	soil	00012	8/22/03	surface–0.5	4.1	ND	ND	ND	160	ND	0.66	18	45	33	23	ND	61	8.9	48	82	ND	mg/kg
S-9	soil	00014	8/22/03	surface–0.5	3.8	ND	ND	ND	200	0.5	0.79	19	56	34	9.3	ND	74	11	61	47	ND	mg/kg
S-10	soil	00015	8/22/03	surface–0.5	3.3	ND	ND	ND	230	ND	0.5	23	46	45	8	ND	67	9.3	56	52	ND	mg/kg

Notes:

ND : none detected above laboratory reporting limits

mg/kg : milligrams per kilogram (parts per million)

**: Cal-Modified PRG

Bolded concetrations signify that they were detected at or above PRG

Table 1
Excavation Confirmation and Stockpile Sample Summary
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Sample ID	Sample Matrix	Sample Location	Sample Depth (Feet)	Sample Date	TPH Diesel (mg/kg)	TPH Motor Oil (mg/kg)	TPH Gasoline (ug/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Xylenes (ug/kg)	5 Oxygenates (ug/kg)	1,2-DCA (ug/kg)	Total Lead (mg/kg)
South UST (T1) Excavation Confirmation Samples														
T1-5	soil	below UST	5	8/3/2004	< 1.0	13	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	23
T1-A	soil	north end of west sidewall	8	8/6/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	9
T1-B	soil	north end of west sidewall	17	8/6/2004	440	< 1.0	210,000	< 250	430	3,200	15,000	< 10 (TBA < 100)	< 10	9.2
T1-C	soil	south end of west sidewall	8	8/6/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.6
T1-D	soil	south end of west sidewall	17	8/6/2004	540	< 1.0	75,000	ND	350	1,600	8,500	< 10 (TBA < 100)	< 10	11
T1-E	soil	west end of south sidewall	7	8/9/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.8
T1-F	soil	west end of south sidewall	16	8/9/2004	160	< 1.0	270,000	290	2,000	5,500	21,000	< 5.0 (TBA < 50)	12	5.2
T1-G	soil	west end of north sidewall	6	8/9/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.4
T1-H	soil	west end of north sidewall	16	8/9/2004	150	< 1.0	160,000	110	150	1,900	8,100	< 5.0 (TBA < 50)	< 5.0	3.8
T1-I	soil	central south sidewall	5	8/9/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	18	< 5.0 (TBA < 50)	< 5.0	4.7
T1-J	soil	central south sidewall	15	8/9/2004	620	< 1.0	690,000	3,300	45,000	16,000	81,000	< 5.0 (TBA < 50)	< 5.0	4.5
T1-K	soil	central north sidewall	5	8/10/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	6.8
T1-L	soil	central north sidewall	17	8/10/2004	590	< 1.0	620,000	2,900	16,000	8,100	39,000	< 12 (TBA < 120)	< 12	3.7
T1-M	soil	east end of south sidewall	3	8/10/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.9
T1-N	soil	east end of south sidewall	18	8/10/2004	2,800	< 1.0	110,000	2,100	6,900	1,800	8,000	< 12 (TBA < 120)	< 12	3.6
T1-O	soil	south end of east sidewall	4.5	8/10/2004	< 1.0	< 1.0	< 1,000	5.9	14	5.6	24	< 5.0 (TBA < 50)	< 5.0	3.8
T1-P	soil	south end of east sidewall	15.5	8/10/2004	270	< 1.0	120,000	240	3,700	980	6,600	< 25 (TBA < 250)	< 25	4.4
T1-Q	soil	north end of east sidewall	19	8/11/2004	57	< 1.0	2,200	55	130	34	220	< 25 (TBA < 250)	< 25	2.9
T1-R	soil	north end of east sidewall	4	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.7
T1-S	soil	east end of north sidewall	4.5	8/11/2004	< 1.0	19	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.4
T1-T	soil	east end of north sidewall	19	8/11/2004	330	< 1.0	560,000	2,200	14,000	3,900	36,000	< 25 (TBA < 250)	220	7.8
T1-GW	*water*	*southeast quarter of excavation*	*19*	*8/11/2004*	*11 mg/L*	*< 0.50 mg/L*	*79,000 ug/L*	*10,000 ug/L*	*14,000 ug/L*	*1,600 ug/L*	*9,600 ug/L*	*< 20 ug/L (TBA < 200 ug/L)*	*440 ug/L*	*56 ug/L*
North UST (T2) Excavation Confirmation Samples														
T2-6	soil	below UST	6	8/3/2004	1,800	< 1.0	1,500,000	1,400	52,000	37,000	140,000	62 (MTBE)	< 25	35
T2-18	soil	below UST	18	8/6/2004	2,000	< 1.0	2,000,000	18,000	110,000	50,000	240,000	< 2,500 (TBA < 25,000)	< 2,500	7.5
"Impacted" Stockpile (1,100 in-place cubic yards)														
SP1-(1-4)	soil	4-point composite	--	8/11/2004	110	< 1.0	160,000	< 250	4,000	2,400	16,000	< 50 (TBA < 500)	< 50	12
SP1-(5-8)	soil	4-point composite	--	8/11/2004	54	< 1.0	170,000	420	4,800	2,400	13,000	< 50 (TBA < 500)	< 50	6.8
SP1-(9-12)	soil	4-point composite	--	8/11/2004	230	< 1.0	260,000	520	9,900	5,000	25,000	< 50 (TBA < 500)	< 50	8.3
SP1-(13-16)	soil	4-point composite	--	8/11/2004	420	< 1.0	560,000	1,200	22,000	10,000	60,000	< 50 (TBA < 500)	< 50	9.5
SP1-(17-20)	soil	4-point composite	--	8/11/2004	880	< 1.0	430,000	900	18,000	7,700	40,000	< 50 (TBA < 500)	< 50	8.7
SP1-(21-24)	soil	4-point composite	--	8/11/2004	95	< 1.0	130,000	270	3,200	2,100	12,000	< 25 (TBA < 250)	< 25	9.1
SP1-(25-28)	soil	4-point composite	--	8/11/2004	700	< 1.0	770,000	2,400	35,000	14,000	82,000	< 25 (TBA < 250)	< 25	8.2
SP1-(29-32)	soil	4-point composite	--	8/11/2004	600	< 1.0	310,000	520	11,000	5,900	30,000	< 25 (TBA < 250)	< 25	9.5
SP1-(33-36)	soil	4-point composite	--	8/11/2004	93	< 1.0	82,000	< 250	940	1,100	6,900	< 25 (TBA < 250)	< 25	9.5
SP1-(37-40)	soil	4-point composite	--	8/11/2004	160	< 1.0	78,000	< 50	430	850	5,100	< 25 (TBA < 250)	< 25	9
SP1-(41-44)	soil	4-point composite	--	8/11/2004	76	< 1.0	200,000	150	3,100	2,500	14,000	< 25 (TBA < 250)	< 25	8.3
"Clean" Stockpile (800 in-place cubic yards)														
SP2-(1-4)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.3
SP2-(5-8)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	14
SP2-(9-12)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.1
SP2-(13-16)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.6
SP2-(17-20)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	10
SP2-(21-24)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	11
SP2-(25-28)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.9
SP2-(29-32)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.6
"Impacted" Stockpile (200 in-place cubic yards)														
SP3-(1-4)	soil	4-point composite	--	9/9/2004	1,100	< 1.0	85,000	< 250	< 250	< 250	2,000	< 500 (TBA < 5,000)	< 25	16
SP3-(5-8)	soil	4-point composite	--	9/9/2004	1,000	< 1.0	44,000	< 50	< 50	100	1,000	< 25 (TBA < 250)	< 25	26
Domestic Wells														
20001	*water*	*Machado Property (north well)*	--	*8/22/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*< 5.0 ug/L*	*NA*
DW-Sing	*water*	*Sing Property*	--	*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
DW-Sing04	*water*	*Sing Property*	--	*8/20/2004*	*< 0.050 mg/L*	*0.053 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*< 5.0 ug/L*

5 oxygenates : MTBE, ETBE, TAME, TBA, DIPE
< 0.5: laboratory reporting limit, non-detected above that limit

mg/kg : milligrams per kilogram (parts per million)
ug/L : micrograms per liter (parts per billion)

mg/L : milligrams per liter (parts per million)
ug/kg : micrograms per kilogram (parts per billion)

NA : not analyzed
Water samples are italicized

Table 1
Summary of Analytical Results
3600 Airport Road
Sacramento, California
34352-003

Sample Location		Sample Number	Sample Date	Sample Depth (Feet)	TPH Diesel	TPH Motor Oil	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	5 Oxygenates	Reporting Units
August 2003													
GB-1	soil	30001	8/20/03	9.5--10	530.000	ND	1,400.000	1.700	110.000	37.000	280.000	4,500 (MTBE)	ug/kg
	water	11112			5.600	ND	120.000	34.000	27.000	1.300	4.400	ND	ug/L
GB-2	soil	30002	8/20/03	13.5--14	200.000	ND	880.000	3.000	69.000	20.000	100.000	ND	ug/kg
	water	11113			6.000	ND	2,600.000	47.000	42.000	2.300	12.000	ND	ug/L
GB-3	soil	30003	8/20/03	3.5--4	ND	12.000	ND	ND	ND	ND	ND	ND	ug/kg
	water	11114			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-4	soil	30004	8/20/03	8.5--9	ND	7.800	ND	ND	ND	ND	ND	ND	ug/kg
	water	11115			ND	2.300	ND	ND	ND	ND	ND	ND	ug/L
GB-5	soil	30005	8/20/03	3.5--4	ND	10.000	ND	ND	ND	ND	ND	ND	ug/kg
	soil	30006		10.5--11	19.000	ND	1.400	8	5	21	83	12 (MTBE)	ug/kg
	water	11116			4.400	ND	23.000	2.500	1.900	970	3.500	57 (MTBE)	ug/L
GB-6	soil	30007	8/22/03	1.5--2	ND	5.900	ND	ND	ND	ND	ND	ND	ug/kg
	water	11119			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-7	soil	30008	8/22/03	surface--0.5									ug/kg
	water	11120			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
Machado Domestic Well		20001	8/22/03	--	ND	ND	ND	ND	ND	ND	ND	ND	ug/L
November 2003													
GB-8	soil	11111	11/11/03	9.5--10	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00008			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-9	soil	11112	11/11/03	3.5--4	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00009			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-10	soil	11113	11/11/03	7.5--8	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00010			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-11	soil	11114	11/11/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00011			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-12	soil	11115	11/11/03	7.5--8	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00012			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-13	soil	11116	11/11/03	7.5--8	ND	3,500	ND	ND	ND	ND	ND	ND	ug/kg
	water	00013			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-14	soil	11117	11/11/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00014			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-15	soil	30001	11/12/03	15.5--16	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00015			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-16	soil	11118	11/12/03	14.5--15	110.000	ND	50.000	ND	370	380	1.800	ND	ug/kg
	water	00016			310.000	ND	98.000	32.000	16.000	1.400	11.000	ND	ug/L
GB-17	wate	00017	11/12/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-18	soil	11120	11/12/03	14.5--15	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00018			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-19	soil	11121	11/11/03	13--13.5	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00019			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-20	soil	11122	11/13/03	15.5--16	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00020			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-21	soil	11123	11/13/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00021			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-22	soil	11124	11/13/03	12.5--13	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00022			ND	ND	ND	ND	0.71	ND	ND	ND	ug/L
GB-23	soil	11125	11/13/03	13.5--14	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00023			3.000	ND	10.000	140	110	500	290	ND	ug/L
GB-24	soil	11126	11/13/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00024			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
Off-site Domestic Well		DW-Sing	11/13/03		ND	ND	ND	ND	ND	ND	ND	ND	ug/L

ND - none detected above laboratory reporting limits
Blank cells : not analyzed

ug/kg : micrograms per kilogram (parts per billion)
ug/L : micrograms per liter (parts per billion)

Table 2
Geoprobe Sample Summary
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Geoprobe Boring ID	Sample ID	Sample Matrix	Sample Depth (Feet)	Sample Date	TPH Diesel (mg/kg)	TPH Motor Oil (mg/kg)	TPH Gasoline (ug/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Xylenes (ug/kg)	5 Oxygenates (ug/kg)	1,2-DCA (ug/kg)	Total Lead (ug/kg)
Geoprobe Borings														
GB-1	30001	soil	9.5–10	8/20/2003	530	< 10	1,400,000	1,700	110,000	37,000	280,000	MTBE 4,500	NA	NA
	11112	*water*		*8/20/2003*	*5.6 mg/L*	*< 0.050 mg/L*	*120,000 ug/L*	*34,000 ug/L*	*27,000 ug/L*	*1,300 ug/L*	*4,400 ug/L*	*< 50 ug/L (TBA < 500 ug/L)*	*NA*	*NA*
GB-2	30002	soil	13.5–14	8/20/2003	200	< 10	880,000	3,000	69,000	20,000	100,000	< 500 (TBA < 5,000)	NA	NA
	11113	*water*		*8/20/2003*	*6 mg/L*	*< 0.050 mg/L*	*2,600,000 ug/L*	*47,000 ug/L*	*43,000 ug/L*	*2,300 ug/L*	*12,000 ug/L*	*< 50 ug/L (TBA < 500 ug/L)*	*NA*	*NA*
GB-3	30003	soil	3.5–4	8/20/2003	< 1.0	12	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	11114	*water*		*8/20/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-4	30004	soil	8.5–9	8/20/2003	< 1.0	7.8	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	11115	*water*		*8/20/2003*	*< 0.050 mg/L*	*2.3 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-5	30005	soil	3.5–4	8/20/2003	< 1.0	10	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	30006	soil	10.5–11	8/20/2003	19	< 1.0	1,400	8	5	21	83	MTBE 12	NA	NA
	11116	*water*		*8/20/2003*	*4.4 mg/L*	*< 0.050 mg/L*	*33,000 ug/L*	*2,500 ug/L*	*1,900 ug/L*	*970 ug/L*	*3,500 ug/L*	*MTBE 57 ug/L*	*NA*	*NA*
GB-6	30007	soil	1.5–2	8/22/2003	< 1.0	5.9	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	11119	*water*		*8/22/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-7	30008	soil	surface–0.5	8/22/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	65
	11120	*water*		*8/22/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-8	11111	soil	9.5–10	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00008	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-9	11112	soil	3.5–4	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00009	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-10	11113	soil	7.5–8	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00010	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-11	11114	soil	11.5–12	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00011	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-12	11115	soil	7.5–8	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00012	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-13	11116	soil	7.5–8	11/11/2003	< 1.0	3.5	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00013	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-14	11117	soil	11.5–12	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00014	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-15	30001	soil	15.5–16	11/12/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00015	*water*		*11/12/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-16	11118	soil	14.5–15	11/12/2003	110	< 1.0	50,000	< 0.50	370	380	1,800	< 5.0 (TBA < 50)	NA	NA
	00016	*water*		*11/12/2003*	*310 mg/L*	*< 0.25 mg/L*	*98,000 ug/L*	*32,000 ug/L*	*16,000 ug/L*	*1,400 ug/L*	*11,000 ug/L*	*< 50 ug/L (TBA < 500 ug/L)*	*NA*	*NA*
GB-17	*00017*	*water*	*11.5–12*	*11/12/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-18	11120	soil	14.5–15	11/12/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00018	*water*		*11/12/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-19	11121	soil	13–13.5	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00019	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-20	11122	soil	15.5–16	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00020	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-21	11123	soil	11.5–12	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00021	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-22	11124	soil	12.5–13	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00022	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*0.71 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-23	11125	soil	13.5–14	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00023	*water*		*11/13/2003*	*3 ug/L*	*< 0.050 mg/L*	*10,000 ug/L*	*140 ug/L*	*110 ug/L*	*500 ug/L*	*290 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-24	11126	soil	11.5–12	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00024	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-25	GB25-11	soil	10.5-11	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.5
	GB25-14.5	soil	14-14.5	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.1
	GB25-GW	*water*	*18.5*	*8/18/2004*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-26	GB26-15	soil	14.5-15	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.8
	GB26-22	soil	21.5-22	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	< 12
	GB26-GW	*water*	*18.5*	*8/18/2004*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-27	GB27-11	soil	10.5-11	8/18/2004	< 1.0	11	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4
	GB27-14	soil	13.5-14	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.8
	GB27-22	soil	21.5-22	8/18/2004	< 1.0	5.2	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.1
	GB27-GW	*water*	*18*	*8/18/2004*	*2.5 mg/L*	*< 0.050 mg/L*	*5,300 ug/L*	*1,400 ug/L*	*9.0 ug/L*	*430 ug/L*	*330 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-28	GB28-15	soil	14.5-15	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	9.7	11	< 5.0 (TBA < 50)	< 5.0	4.7
	GB28-20	soil	19.5-20	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	6.7
	GB28-GW	*water*	*18*	*8/19/2004*	*< 0.050 mg/L*	*< 0.050 mg/L*	*26,000 ug/L*	*3,000 ug/L*	*89 ug/L*	*1,800 ug/L*	*2,200 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-29	GB29-13.5	soil	13-13.5	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.7
	GB29-20	soil	19.5-20	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8
	GB29-GW	*water*	*17.5*	*8/19/2004*	*4.8 mg/L*	*2.0 mg/L*	*12,000 ug/L*	*1,600 ug/L*	*25 ug/L*	*940 ug/L*	*1,800 ug/L*	*MTBE 12 ug/L*	*4.9 ug/L*	*110 ug/L*
GB-30	GB30-16	soil	15.5-16	8/19/2004	< 1.0	230	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	54
	GB30-GW	*water*	*18*	*8/19/2004*	*< 0.050 mg/L*	*5.9 mg/L*	*< 50 mg/L*	*0.82 ug/L*	*1.1 ug/L*	*0.77 ug/L*	*1.4 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*20 ug/L*
GB-31	GB31-15.5	soil	15-15.5	8/19/2004	< 1.0	8.4	< 1,000	21	< 5.0	6.6	< 10	< 5.0 (TBA < 50)	< 5.0	6.3
	GB31-20	soil	19.5-20	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.9
	GB31-GW	*water*	*18.5*	*8/19/2004*	*0.52 mg/L*	*31 mg/L*	*1,000 ug/L*	*170 ug/L*	*6.4 ug/L*	*24 ug/L*	*6.1 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*9.6 ug/L*
GB-32	GB32-12	soil	11.5-12	8/19/2004	< 1.0	2.4	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.8
	GB32-20	soil	19.5-20	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.6
	GB32-GW	*water*	*18*	*8/19/2004*	*< 0.050 mg/L*	*6.1 mg/L*	*< 50 mg/L*	*0.72 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*17 ug/L*
GB-33	GB33-15	soil	14.5-15	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.8
	GB33-20	soil	19.5-20	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.6
	GB33-GW	*water*	*18*	*8/19/2004*	*0.60 mg/L*	*30 mg/L*	*89 ug/L*	*0.70 ug/L*	*1.2 ug/L*	*1.0 ug/L*	*2.4 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-34	GB34-12	soil	11.5-12	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.6
	GB34-GW	*water*	*18.5*	*8/19/2004*	*11 mg/L*	*13 mg/L*	*12,000 ug/L*	*6.8 ug/L*	*20 ug/L*	*360 ug/L*	*940 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*160 ug/L*
GB-35	GB35-14	soil	13.5-14	8/20/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.5
	GB35-22	soil	21.5-22	8/20/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	< 2.5
	GB35-GW	*water*	*18.5*	*8/20/2004*	*< 0.050 mg/L*	*10 mg/L*	*< 50 mg/L*	*3.5 ug/L*	*< 0.50 ug/L*	*1.1 ug/L*	*1.4 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*7.8 ug/L*
GB-36	*GB36-GW*	*water*	*18.5*	*8/20/2004*	*< 0.050 mg/L*	*17 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*1.1 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-37	*GB37-GW*	*water*	*18*	*8/20/2004*	*< 0.050 mg/L*	*5.5 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*12 ug/L*
GB-38	*GB38-GW*	*water*	*18*	*8/20/2004*	*< 0.050 mg/L*	*5.6 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*9.7 ug/L*
GB-39	GB39-16	soil	15.5-16	8/20/2004	7.8	< 1.0	44,000	8.9	57	290	540	< 5.0 (TBA < 50)	< 5.0	< 2.5
	GB39-GW	*water*	*18.5*	*8/20/2004*	*0.41 mg/L*	*6.9 mg/L*	*340 ug/L*	*1.3 ug/L*	*5.6 ug/L*	*2.9 ug/L*	*15 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-40	*GB40-GW*	*water*	*18.5*	*8/20/2004*	*< 0.050 mg/L*	*4.0 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*14 ug/L*
GB-41	*GB41-GW*	*water*	*18*	*8/20/2004*	*< 0.050 mg/L*	*3.1 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*

5 oxygenates : MTBE, ETBE, TAME, TBA, DIPE
< 0.5: laboratory reporting limit, non-detected above that limit

mg/kg : milligrams per kilogram (parts per million)
ug/L : micrograms per liter (parts per billion)

mg/L : milligrams per liter (parts per million)
ug/kg : micrograms per kilogram (parts per billion)

NA : not analyzed
Water samples are italicized

Table 3
Summary of Analytical Results
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Sample Location	Sample ID	Sample Matrix	Sample Depth (feet bgs)	Sample Date	TPH Diesel	TPH Motor Oil	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	5 Oxygenates	1,2-DCA	Total Lead
Soil Borings														
MW-1	MW1-26	soil	25.5-26	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	7.4 mg/kg
MW-2	MW2-26	soil	25.5-26	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	9.2 mg/kg
MW-3	MW3-26	soil	25.5-26	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	10 mg/kg
MW-4	MW4-21	soil	20.5-21	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	11 mg/kg
MW-5	MW5-31	soil	30.5-31	10/12/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	9.2 mg/kg
MW-6	MW6-10.5	soil	10-10.5	12/20/2004	25 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	6.1 mg/kg
	MW6-30	soil	29.5-30	12/20/200	8.5 mg/kg	<1.0 mg/kg	<1,000 ug/kg	160 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	5.6 mg/kg
Domestic Well														
Sing	DW-Sing	water	---	11/13/2003	< 0.050 mg/L	< 0.050 mg/L	< 50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 1.0 ug/L	< 0.50 ug/L (TBA < 5.0 ug/L)	NA	NA
Sing	DW-Sing04	water	---	8/20/2004	< 0.050 mg/L	0.053 mg/L	< 50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 1.0 ug/L	< 0.50 ug/L (TBA < 5.0 ug/L)	NA	< 5.0 ug/L
Sing	DWSing-05Q1	water	---	1/10/2005	< 0.050 mg/L	< 0.050 mg/L	< 50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 1.0 ug/L	< 0.50 ug/L (TBA < 5.0 ug/L)	< 0.50 ug/L	< 5.0 ug/L

5 oxygenates : MTBE, ETBE, TAME, TBA, DIPE

mg/kg : milligrams per kilogram (parts per million)

mg/L : milligrams per liter (parts per million)

NA : not analyzed

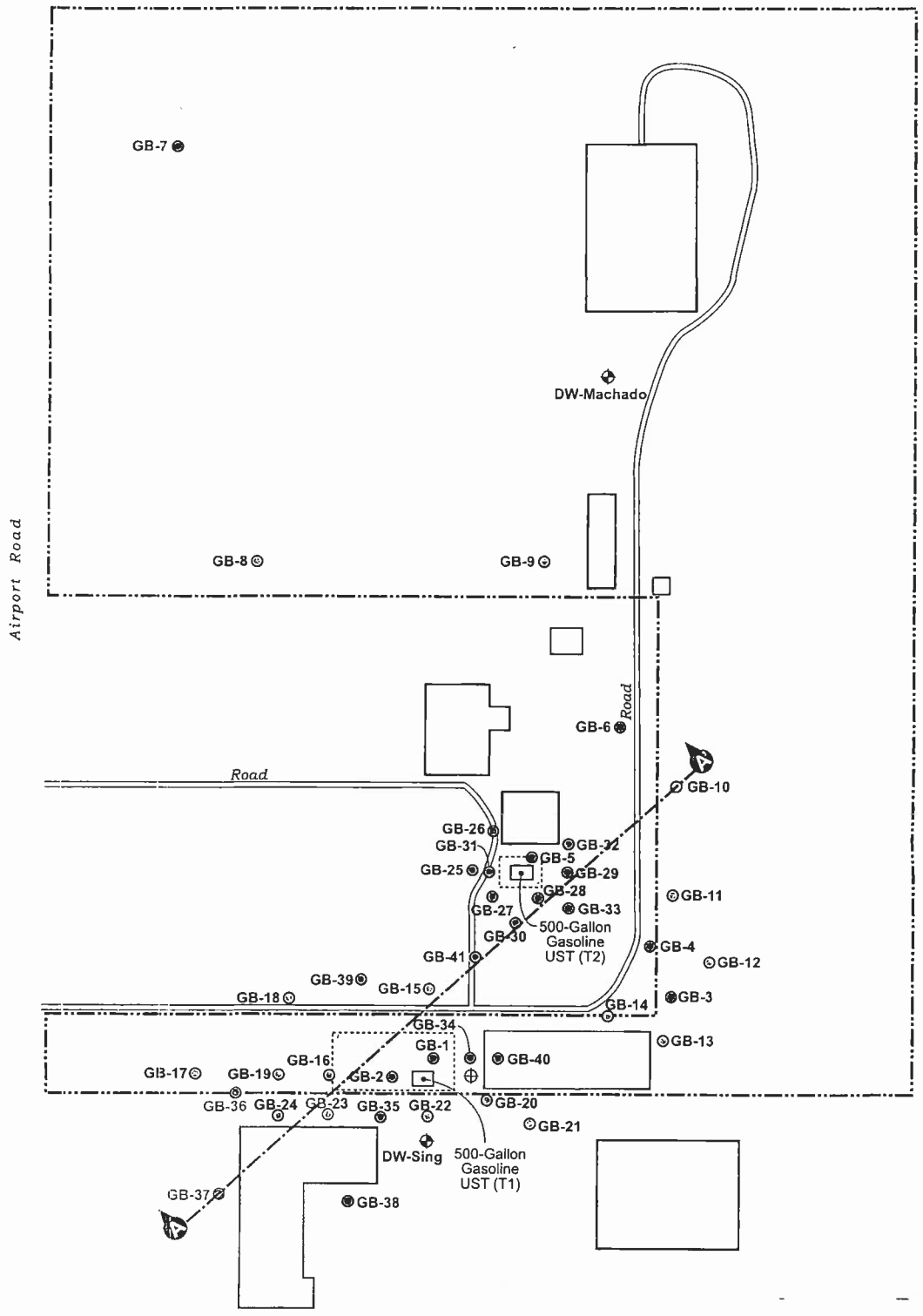
< 0.5: laboratory reporting limit, non-detected above that limit

ug/L : micrograms per liter (parts per billion)

ug/kg : micrograms per kilogram (parts per billion)

bgs : below ground surface

ATTACHMENT C



APPROXIMATE SCALE: 1-inch = 70-feet

0 70 140

KLEINFELDER

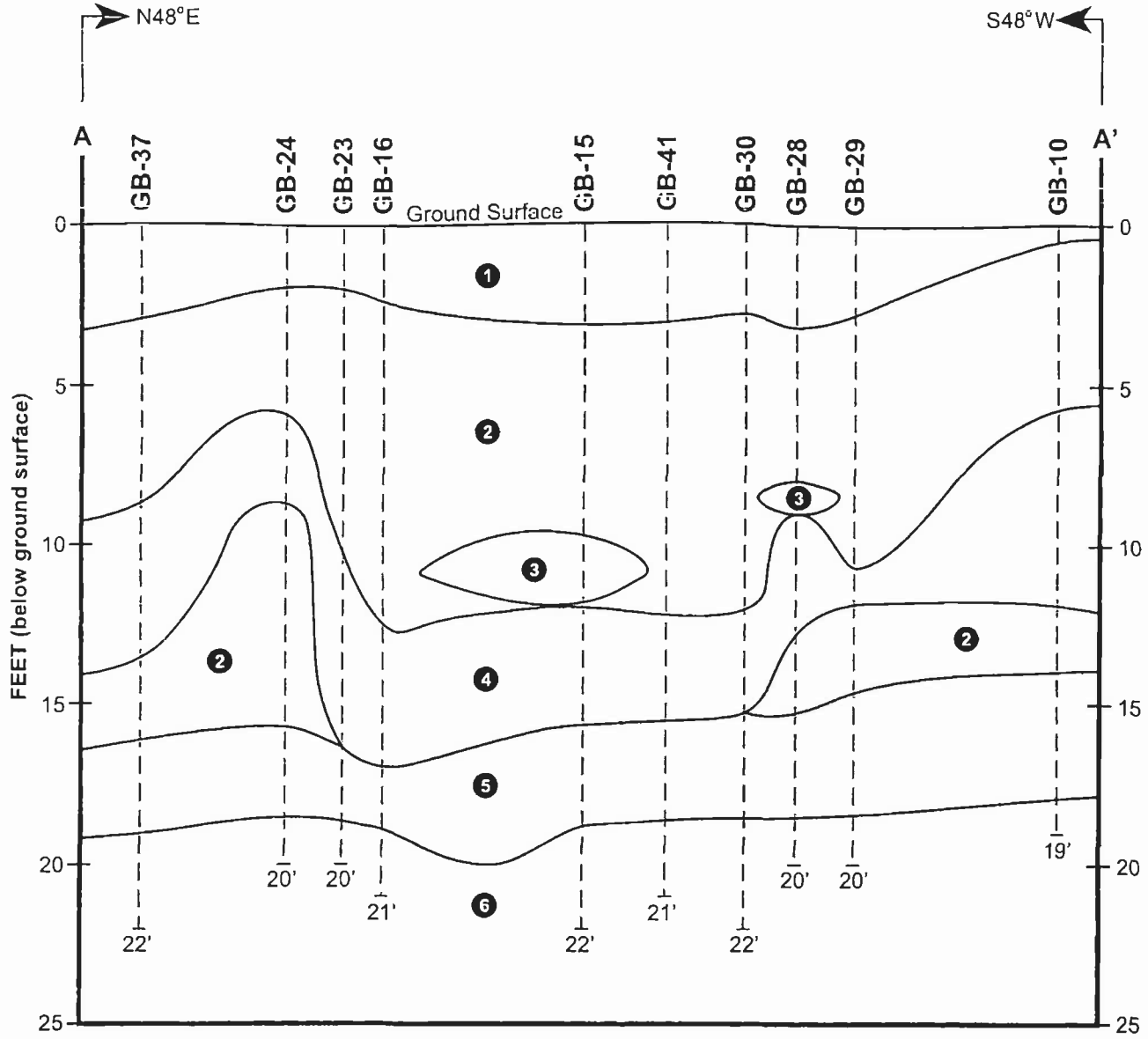
Drawn By: D. Shelhart
Project No. 47359-002

Date: 9-29-2004
Filename: 2856o.fh10

A-A' SECTION LINE

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
4



UNIT	MATERIAL DESCRIPTION
1	**Clayey SILT/Silty CLAY** (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity, some fine sand
2	Sandy **SILT** (ML): Light brown, moist, hard, fine sand, low plasticity, some iron oxidation, weakly cemented, some white caliche stringers throughout
3	**Silty SAND** (SM): Olive-brown, moist, medium dense, fine sand
4	**Clayey SILT/Silty CLAY** (ML/CL): Gray-brown, moist, hard, low plasticity, trace to with fine sand, weakly cemented, some white caliche stringers
5	**Silty SAND** (SM): Gray-green, saturated/wet, medium dense, fine sand, weakly cemented
6	**Sandy SILT** (ML): Light brown, moist, hard, very low plasticity, trace to some clay, white caliche stringers, weakly to moderately cemented

Horizontal Scale: 1"=70'
Vertical Scale: 1"=5'

KLEINFELDER

Drawn By: D. Shelhart
Project No. 47359-002
Date: 9-29-2004
Filename: 2856p.fh10

CROSS SECTION A-A'
MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
5

ATTACHMENT D

Table 1
Well Construction Details
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Well Number	TOC (MSL)	TOP (MSL)	BOP (MSL)	Total Depth (BGS)	Casing Diameter	Packing Material	Screen Size (inches)
MW-1	16.29	1.29	-8.71	25.5	2 in.	# 3 sand	0.020
MW-2	16.42	1.42	-8.58	25.5	2 in.	# 3 sand	0.020
MW-3	17.15	2.15	-7.85	25.5	2 in.	# 3 sand	0.020
MW-4	16.74	2.24	-7.76	25	2 in.	# 3 sand	0.020
MW-5	17.46	2.46	-12.54	30.5	2 in.	# 3 sand	0.020
MW-6	17.32	2.82	-12.18	30	2 in.	# 3 sand	0.020

NA - Not available (wells not surveyed)

MSL - Mean Sea Level

TOC - Top of Casing, relative to local MSL.

TOP - Top of Perforation, relative to local MSL.

BOP - Bottom of Perforation, relative to local MSL.

BGS - Below Ground Surface (ft)

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 17 feet below existing site grade and finally at a depth of 23 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						Sandy SILT (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10			35	0		some clay, minor iron oxidation	
15			21	0		Silty SAND (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20			21	0		Clayey SILT (ML): Gray-brown, moist, hard, weakly cemented, low to moderate plasticity	
25		MW1-26	19	0		some fine sand, low plasticity	
30						Boring completed at a depth of approximately 26 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-1

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
6

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 18 feet below existing site grade and finally at a depth of 23 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						**Sandy SILT** (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
						Silty SAND (SM): Olive-brown, moist, medium dense, fine sand, moderately iron oxidized	
10			22	0			
						Sandy SILT (ML): Light brown, moist, hard, weakly cemented, fine sand, low plasticity, some iron oxidation	
15			18	0			
						Silty SAND (SM): Olive-brown, very moist/wet, medium dense, fine sand, some iron oxidation	
						Sandy Clayey SILT (ML): Light to olive-brown, moist, very stiff, low plasticity, fine sand, trace white caliche stringers, some iron oxidation	
20			16	0			
25		MW2-26	19	0		olive-brown, slightly increased sand content, decreasing clay	
						Boring completed at a depth of approximately 26 feet below existing site grade.	
30							

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-2

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
7

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 19 feet below existing site grade and finally at a depth of 24-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
0						**Clayey SILT/Sandy SILT** (ML): Light brown, moist, **medium stiff, fine sand, low plasticity** (FILL)	
						BACKFILL SOIL (UST Excavation)	
5							
10							
15							
						Silty SAND (SM): Gray-green, very moist **to wet, dense, fine sand, weakly cemented,** hydrocarbon **odor present**	
20			30	519		**Sandy SILT** (ML): Gray-green, moist, hard, weakly **cemented, some white caliche stringers,** hydrocarbon odor **present**	
						Clayey SILT (ML): Brown, moist, **very stiff to** hard, trace **fine** sand, moderately **iron** oxidized	
25		MW3-26	29	0			
						Boring completed at a depth of approximately 26 feet below existing site grade.	
30							

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-3

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
8

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 18 feet below existing site grade and finally at a depth of 23-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
5						**Clayey SILT/Silty CLAY** (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
						Sandy SILT (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10			14	0		some clay, minor iron oxidation, trace white caliche stringers	
15			15	0			
						Silty SAND (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20		MW4-21	20	0		**Clayey SILT** (ML): Gray-brown, moist, hard, weakly cemented, low to moderate plasticity	
25			27	0		no sample recovery	
						Boring completed at a depth of approximately 26 feet below existing site grade.	
30							

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-4

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
9

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 17 feet below existing site grade and finally at a depth of 24-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/12/2004

Logged By: S. Dalton

Total Depth: 31 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						**Sandy SILT** (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10							
15			15	0		**Silty SAND** (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20			26	0		**Clayey SILT/Silty CLAY** (ML/CL): Light gray-brown, moist, hard, weakly cemented, white caliche stringers throughout, moderately iron oxidized, low to moderate plasticity	
25			21	0		**Silty SAND** (SM): Brown, wet, medium dense, fine sand, weakly cemented, minor iron oxidation	
30		MW5-31	22	0		**Clayey SILT** (ML): Gray-brown, moist, very stiff, low to moderate plasticity, trace white caliche stringers	
						Silty SAND (SM): Olive-brown, moist, medium dense, fine sand, weakly cemented	
						Boring completed at a depth of approximately 31 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-5

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
10

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 16-1/2 feet below existing site grade and finally at a depth of 28 feet.

Method: Hollow Stem Auger

Equipment: MARL M-5 RINO (Limited Access Direct Push Sample

Date Completed: 12/20/2004

Logged By: R. Padgett

Total Depth: 30 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Silty CLAY (CL): Dark brown to yellow-brown, moist, soft, with medium sand, moderate plasticity	
						Clayey SILT (ML): Light brown with red-brown mottling, moist, medium stiff to hard, some medium sand, low plasticity	
5				0		trace subrounded gravel to 1/2 inch diameter, iron oxide staining present	
10		MW-6-10.5		0		increasing medium sand	
						Silty CLAY (CL/CH): Olive-gray, moist, soft, moderate to high plasticity	
15				0	▽		
						Silty SAND (SM): Brown to yellow-brown, wet, medium dense, fine to medium sand, some iron oxide staining	
20				0		**Clayey SILT (ML)**: Light brown with orange mottling, moist, stiff, trace subangular fine gravel, iron oxide staining present, low plasticity	
25				0			
30		MW6-30		0	▼		
						Boring completed at a depth of approximately 30 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005

Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-6

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
11

SAC 2004 47359.GPJ 3/30/05

ATTACHMENT E

Attachment 1
Summary of Soil Vapor Analytical Results

Sample Location	Depth (feet bgs)[b]	Date Sampled	Analyte[a] Benzene ($\mu g/m^3$)[c]	Toluene ($\mu g/m^3$)	Ethylbenzene ($\mu g/m^3$)	m,p-Xylene ($\mu g/m^3$)	o-Xylene ($\mu g/m^3$)
SV1	3.5-4.0	2/11/05	2.4	2.3	0.4	1.1	0.4
SV2	4.0	2/11/05	1.7	2.1	ND[d] (0.8)	ND (1.5)	ND (0.8)
SV3	4.0	11/22/04	1.0	1.7	0.7	2.2	0.9
SV4	4.0	11/22/04	1.3	1.8	0.9	2.5	0.9
SV5	4.0	11/22/04	4.1	7.4	1.6	5.4	2.2
SV6	3.0-4.0	11/22/04	2.9	4.4	0.9	3.2	1.1

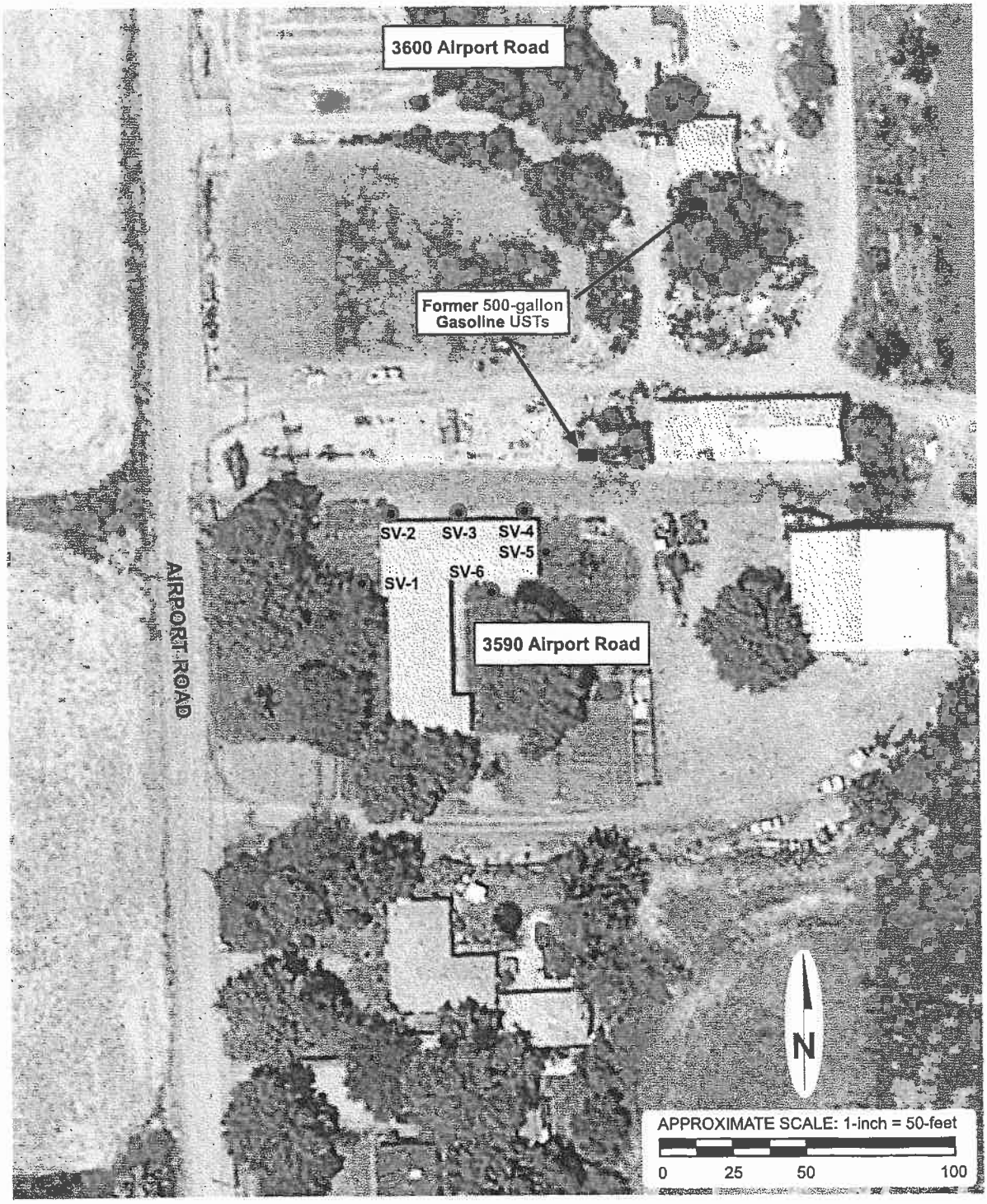
Notes:

[a] Samples collected and analyzed on same day by Air Toxics, Ltd. using US EPA Method TO-15.

[b] feet bgs – feet below grade surface.

[c] $\mu g/m^3$ – micrograms per cubic meter.

[d] ND – not detected (value enclosed in parentheses is detection limit).



KLEINFELDER

Drawn By: D. Anderson	Date: 6-01-2005
Project No. 47359-002	Filename: 2856n3.fh10

BORING LOCATION MAP

SING PROPERTY
3590 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
2

ATTACHMENT F

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION DATA
3600 AIRPORT ROAD
WKA No. 9272.01

Sample Date	MW-1 TOC Elev. = 16.29		MW-2 TOC Elev. = 16.42		MW-3 TOC Elev. = 17.15		MW-3B TOC Elev. = 17.58	
	DTW (feet)	GW Elev.	DTW (feet)	GW Elev.	DTW (feet)	GW Elev.	DTW (feet)	GW Elev.
1/10/2005	Dry	NA	Dry	NA	Dry	NA	NA	NA
3/17/2005	Dry	NA	Dry	NA	Dry	NA	NA	NA
6/15/2005	Dry	NA	Dry	NA	Dry	NA	NA	NA
12/8/2005	Dry	NA	Dry	NA	Dry	NA	NA	NA
3/8/2006	18.19	-1.90	18.36	-1.94	Dry	NA	NA	NA
6/9/2006	15.28	1.01	15.35	1.07	Dry	NA	NA	NA
9/14/2006	15.58	0.71	15.71	0.71	Dry	NA	NA	NA
12/14/2006	15.91	0.38	15.95	0.47	Dry	NA	NA	NA
3/19/2007	15.32	0.97	15.45	0.97	Dry	NA	NA	NA
9/16/2008	Dry	NA	Dry	NA	Well Destroyed		27.14	-9.56
12/5/2008	Dry	NA	Dry	NA	Well Destroyed		27.62	-10.04
3/26/2009	Dry	NA	Dry	NA	Well Destroyed		26.61	-9.03
12/2/2011	15.11	1.18	15.17	1.25	Well Destroyed		16.27	1.31
3/21/2012	14.91	1.38	14.90	1.52	Well Destroyed		16.02	1.56

Sample Date	MW4 TOC Elev. = 16.74		MW-5 TOC Elev. = 17.46		MW-6 TOC Elev. = 17.32		Groundwater Gradient	Groundwater Flow Direction
	DTW (feet)	GW Elev.	DTW (feet)	GW Elev.	DTW (feet)	GW Elev.		
1/10/2005	Dry	NA	Dry	NA	Dry	NA	--	--
3/17/2005	Dry	NA	Dry	NA	Dry	NA	--	--
6/15/2005	Dry	NA	Dry	NA	Dry	NA	--	--
12/8/2005	Dry	NA	26.52	-9.06	26.43	-9.11	--	--
3/8/2006	18.65	-1.91	19.22	-1.76	19.08	-1.76	--	--
6/9/2006	15.58	1.16	16.31	1.15	16.25	1.07	--	--
9/14/2006	15.93	0.81	16.66	0.80	16.52	0.80	--	--
12/14/2006	15.23	1.51	16.98	0.48	17.95	-0.63	--	--
3/19/2007	15.72	1.02	16.44	1.02	16.35	0.97	--	--
9/16/2008	Dry	NA	27.33	-9.87	27.40	-10.08	--	--
12/5/2008	Dry	NA	27.87	-10.41	27.79	-10.47	--	--
3/26/2009	Dry	NA	26.84	-9.38	26.78	-9.46	--	SE
12/2/2011	15.45	1.29	16.17	1.29	16.07	1.25	0.002	SE
3/21/2012	15.18	1.56	15.88	1.58	15.82	1.50	0.002	SE

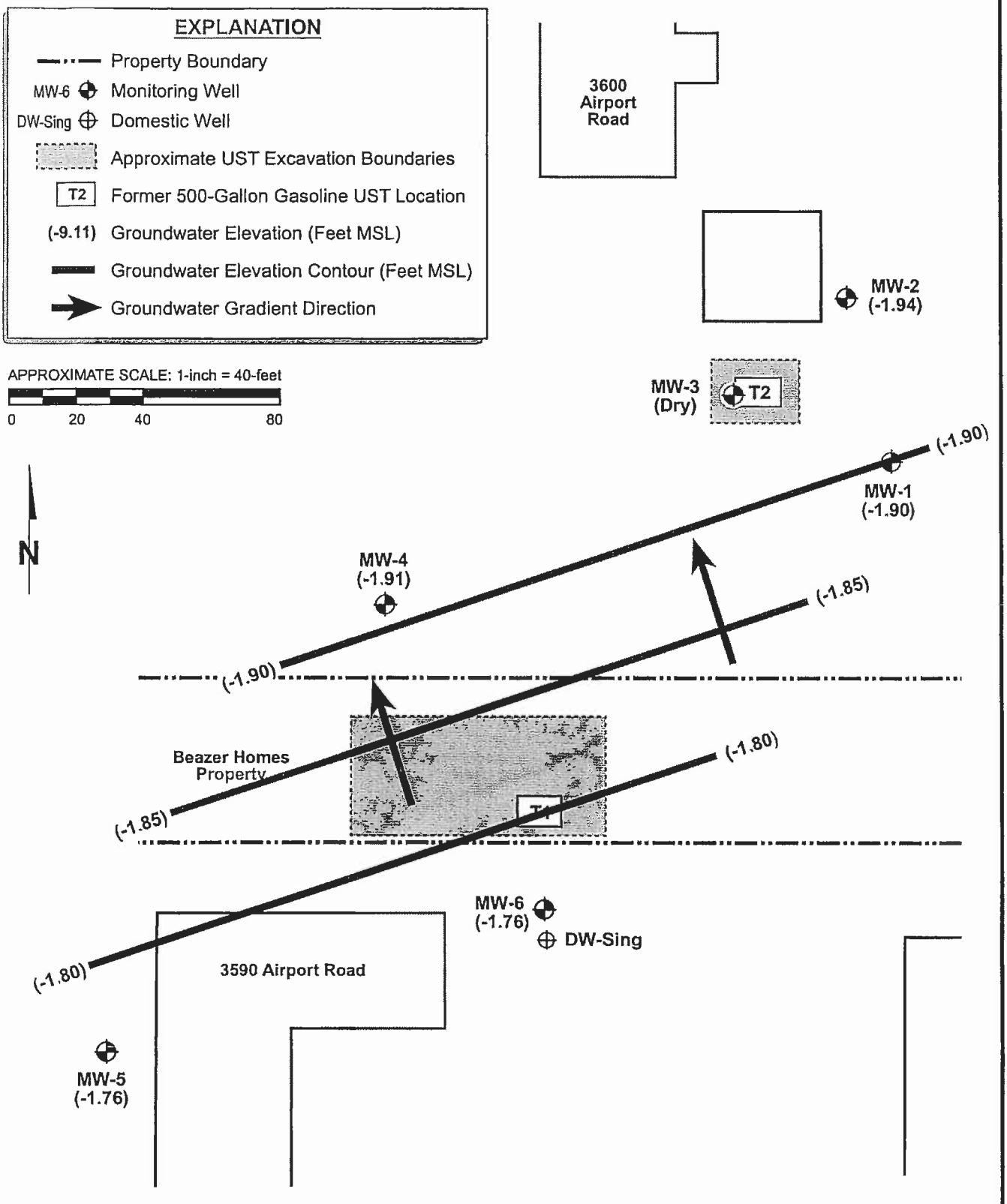
Notes:

Elev. = Elevation, given in feet above mean sea level (based on survey by Morrow Surveying, Inc.)

-- = not available

GW = Groundwater

ATTACHMENT G



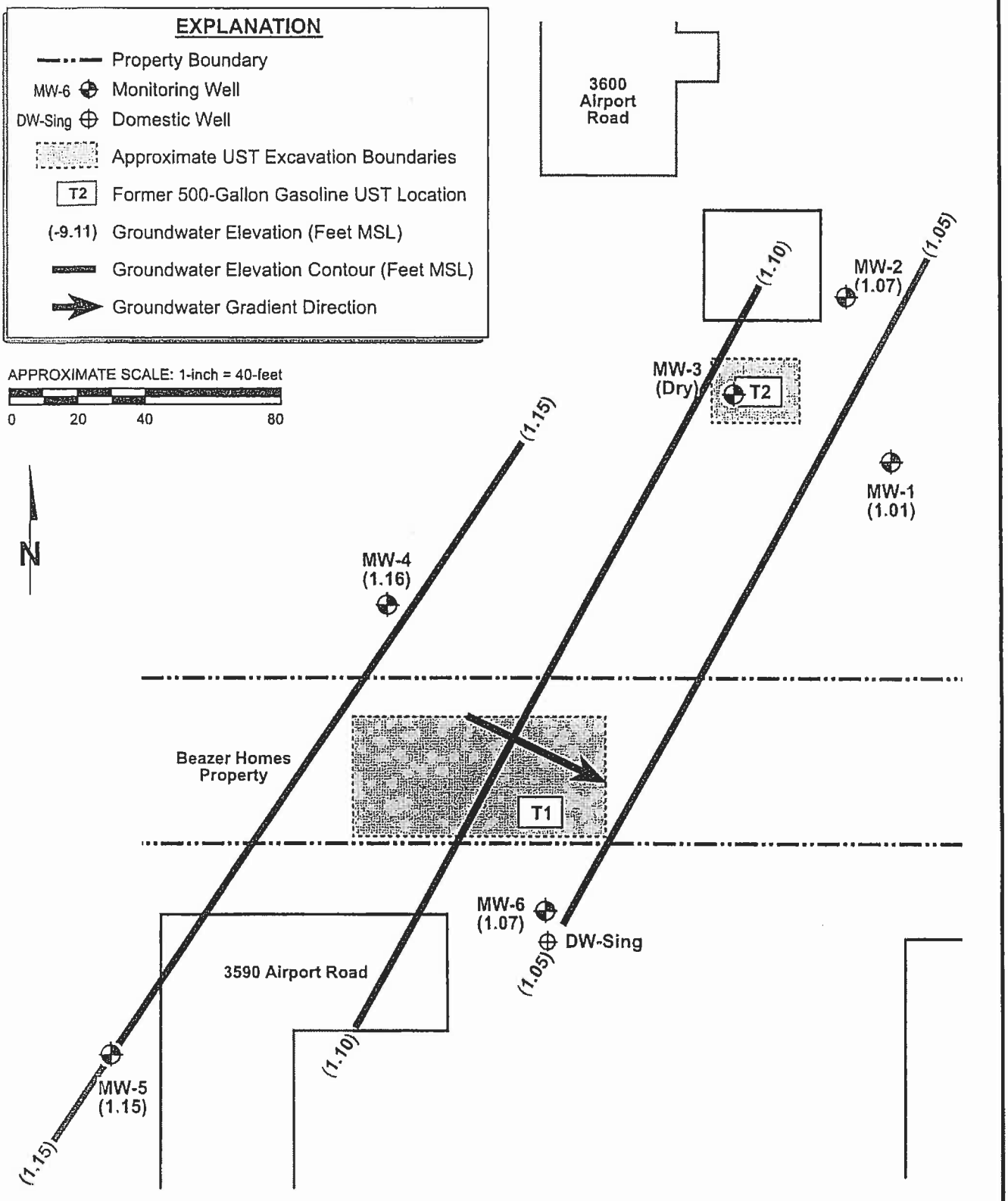
KLEINFELDER

Drawn By: D. Anderson	Date: 3/29/2006
Project No. 47359-002	Filename: 2856p3.fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(MARCH 8, 2006)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3



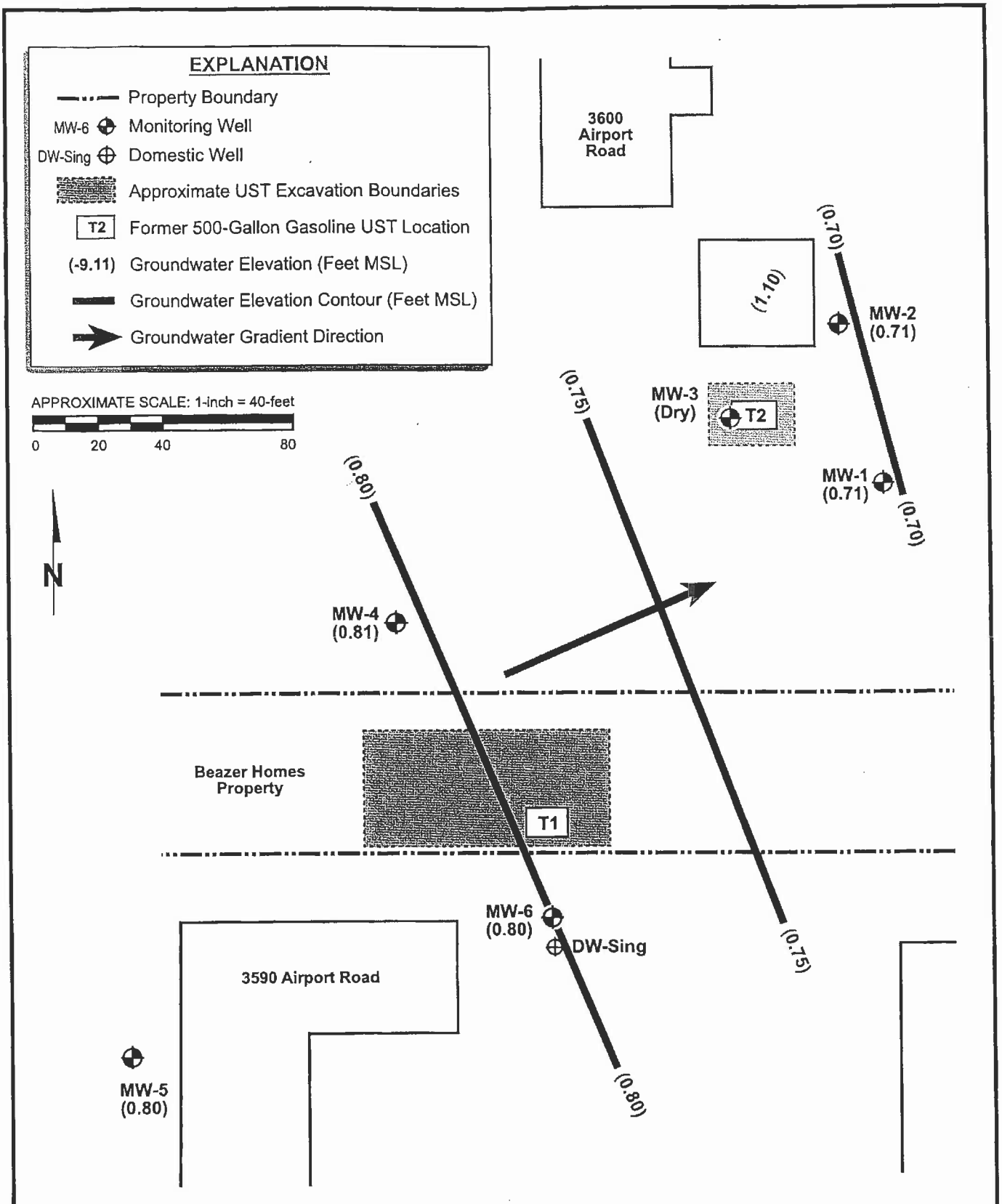
KLEINFELDER

Drawn By: D Anderson	Date: 8/14/2006
Project No 47359-002	Filename: 2856p3 fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(JUNE 8, 2006)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3



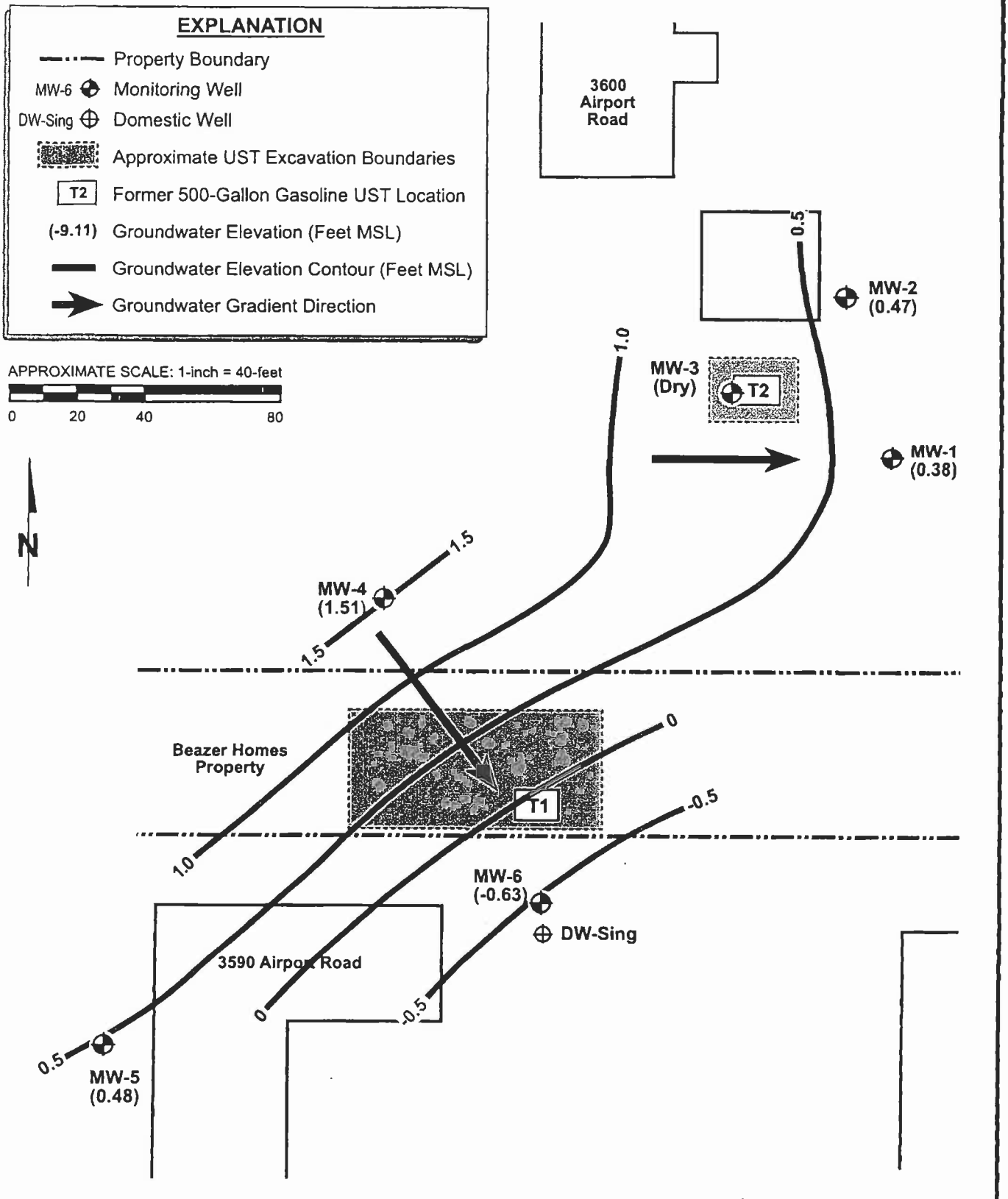
KLEINFELDER

Drawn By: D. Anderson	Date: 8/14/2006
Project No. 47359-002	Filename: 2856p3.fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(SEPTEMBER 14, 2006)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3



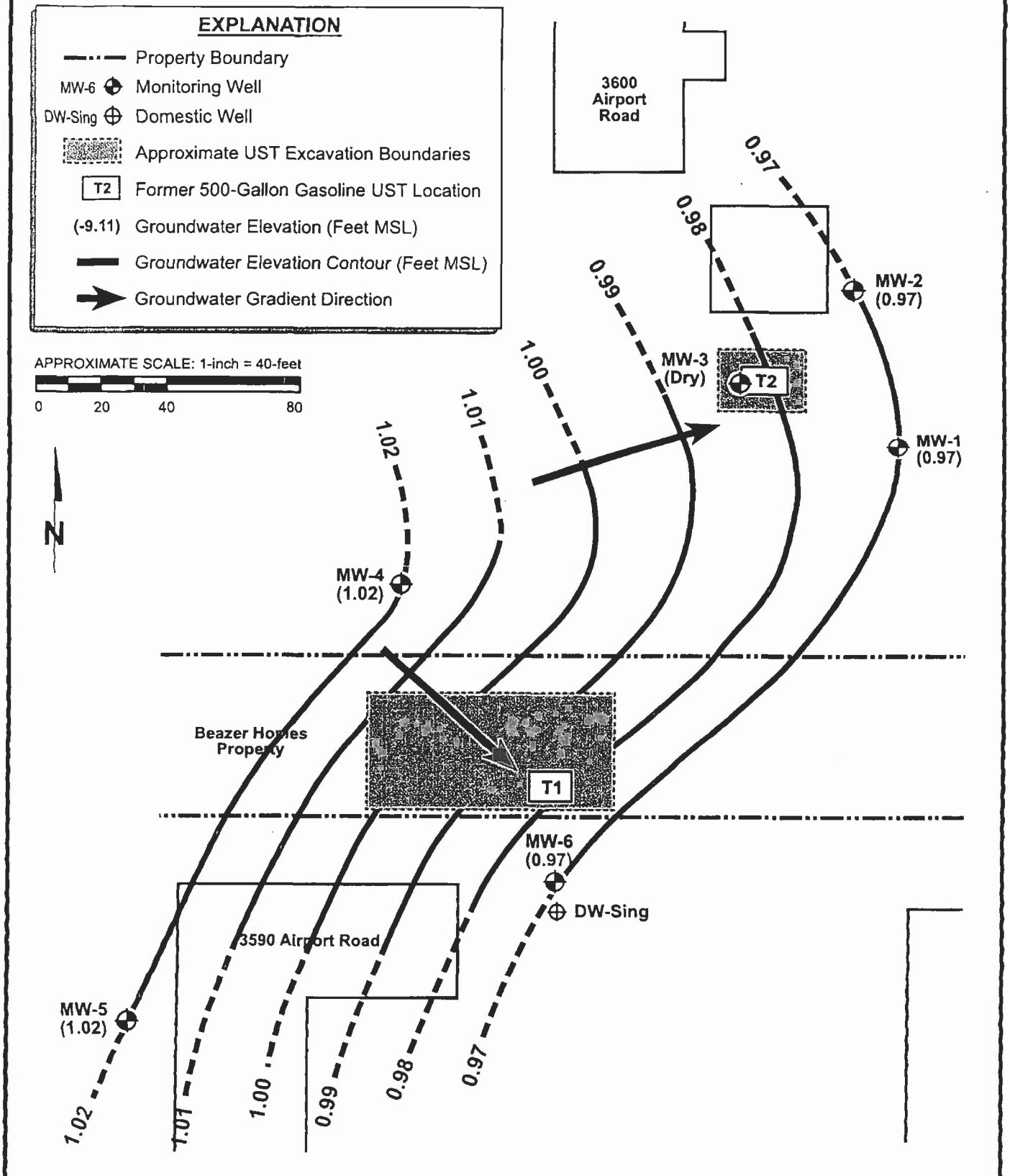
KLEINFELDER

Drawn By: D. Anderson	Date: 4/4/07
Project No. 47359-002	Filename: 2856b-p3.fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(DECEMBER 14, 2006)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3



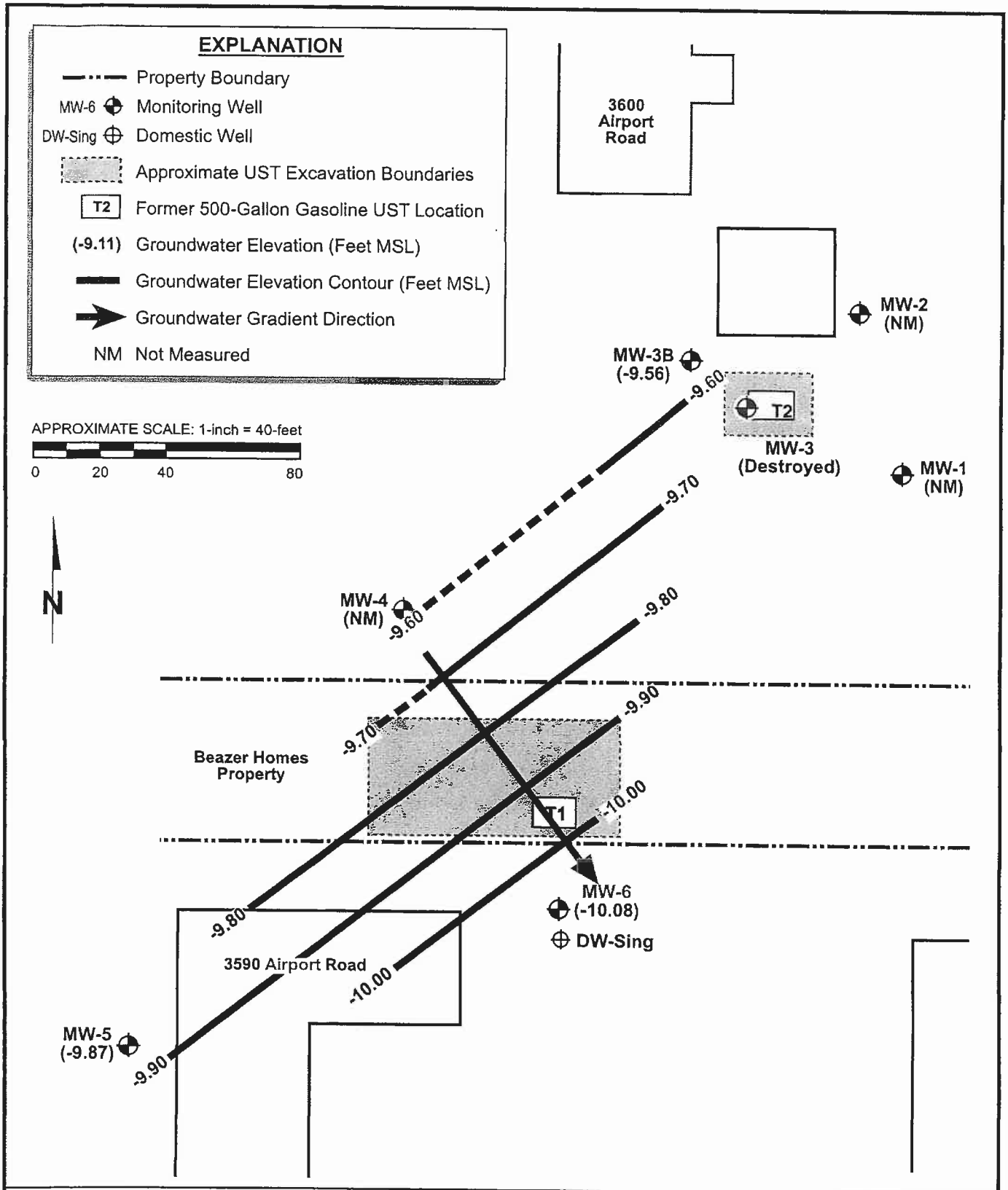
KLEINFELDER

Drawn By: D. Anderson	Date: 4/30/07
Project No. 47359-002	Filename: 2856p3_3-07.fh10

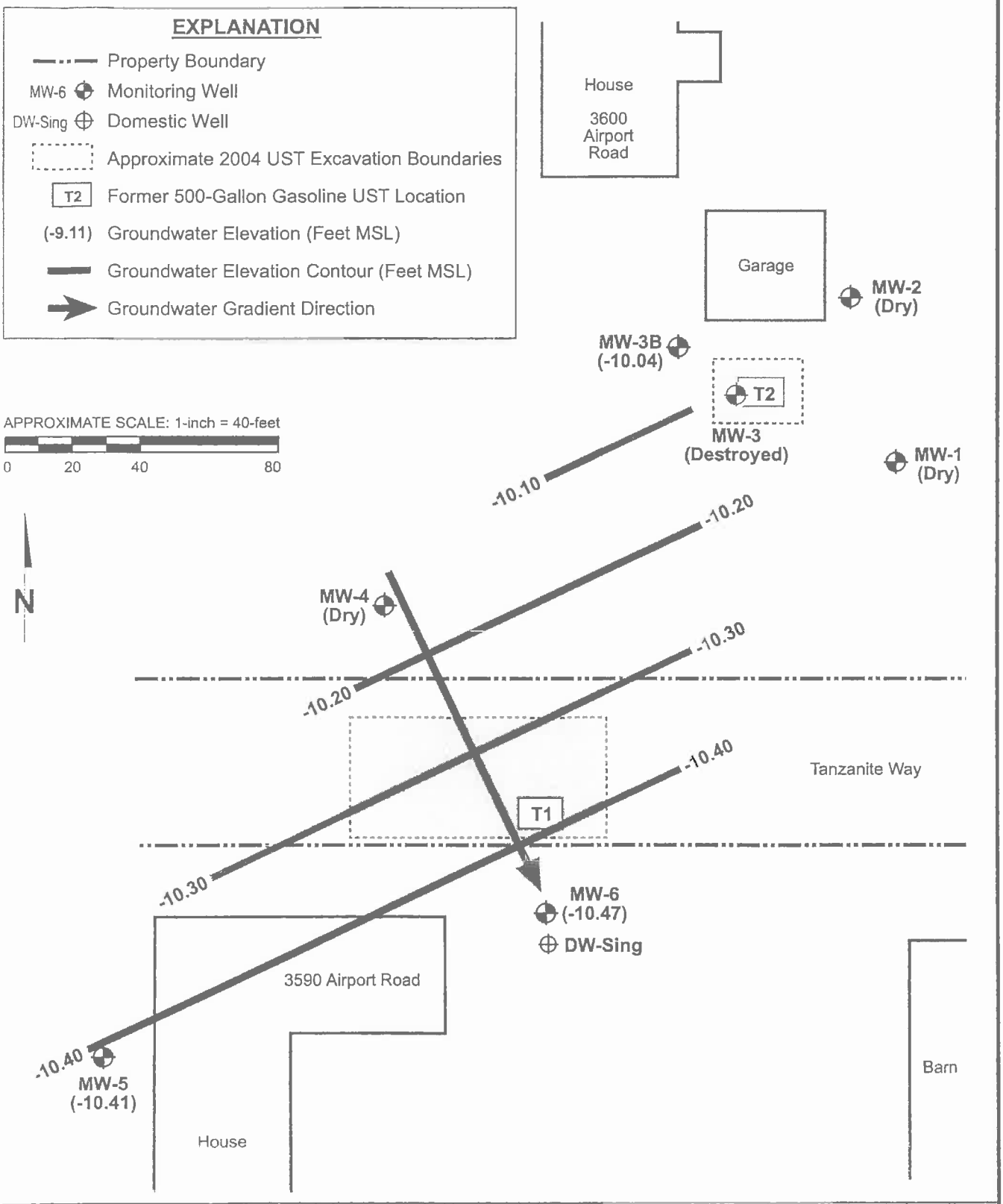
MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(MARCH 19, 2007)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

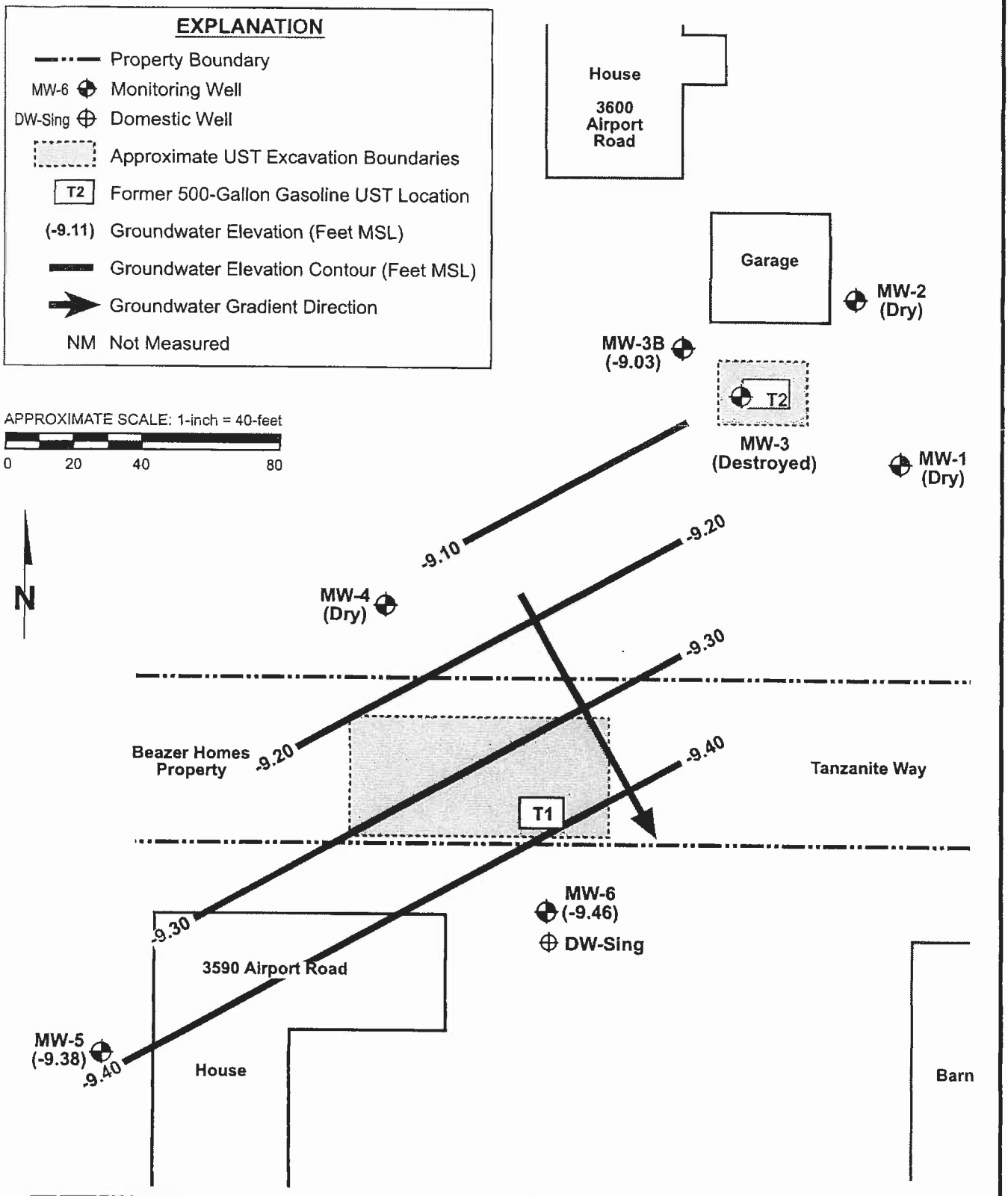
PLATE
4



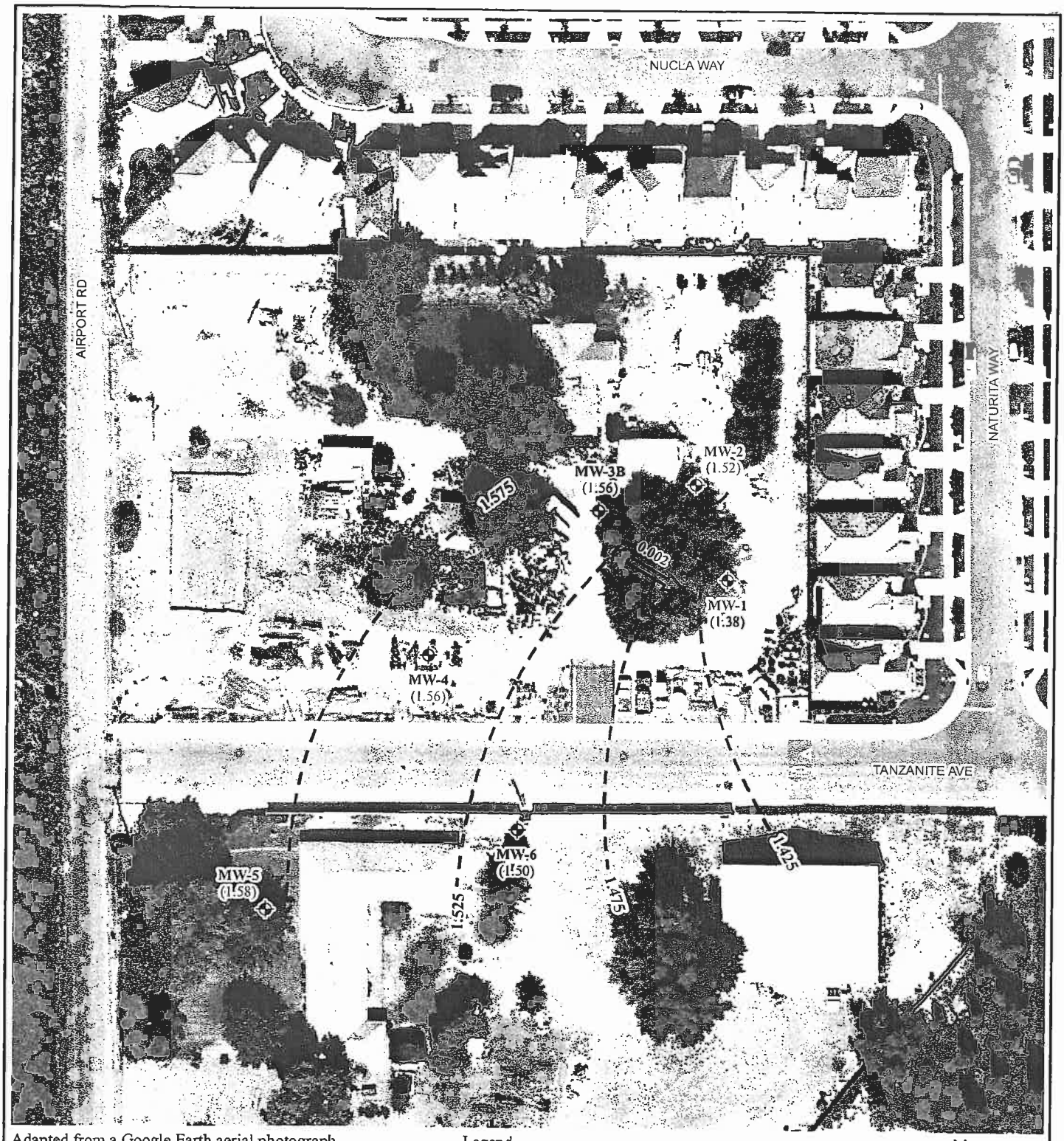
KLEINFELDER www.Kleinfelder.com	Project Number: 97042 Graphic Date: 9/22/08 Graphic By: D. Anderson Checked By: A. Warren File Name: 97042gwe9-16-08.fh11	MONITORING WELL LOCATION MAP AND GROUNDWATER ELEVATION MAP (SEPTEMBER 16, 2008) MACHADO RANCH 3590 AND 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA	Plate 3



KLEINFELDER www.Kleinfelder.com	Project Number: 97042 Graphic Date: 9/22/08 Graphic By: D. Anderson Checked By: A. Warren File Name: 97042gwe9-16-08.fh11	**MONITORING WELL LOCATION MAP AND GROUNDWATER ELEVATION MAP (DECEMBER 5, 2008)** MACHADO RANCH 3590 AND 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA	Plate 3



KLEINFELDER www.Kleinfelder.com	Project Number: 97042 Graphic Date: 4/3/09 Graphic By: D. Anderson Checked By: J. Pemberton File Name: 97042gwe3-09.fh11	**MONITORING WELL LOCATION MAP AND GROUNDWATER ELEVATION MAP (MARCH 26, 2009)** MACHADO RANCH 3590 AND 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA	Plate 3



Adapted from a Google Earth aerial photograph, dated September 20, 2010.
Projection: NAD 83, California State Plane, Zone II

Legend

- Monitoring well location
- Groundwater elevation contour line
- (1.18) Groundwater elevation in feet above mean sea level
- Groundwater flow direction and gradient

N

0 35 70

Feet

WallaceKuhl & Associates

POTENTIOMETRIC SURFACE MAP

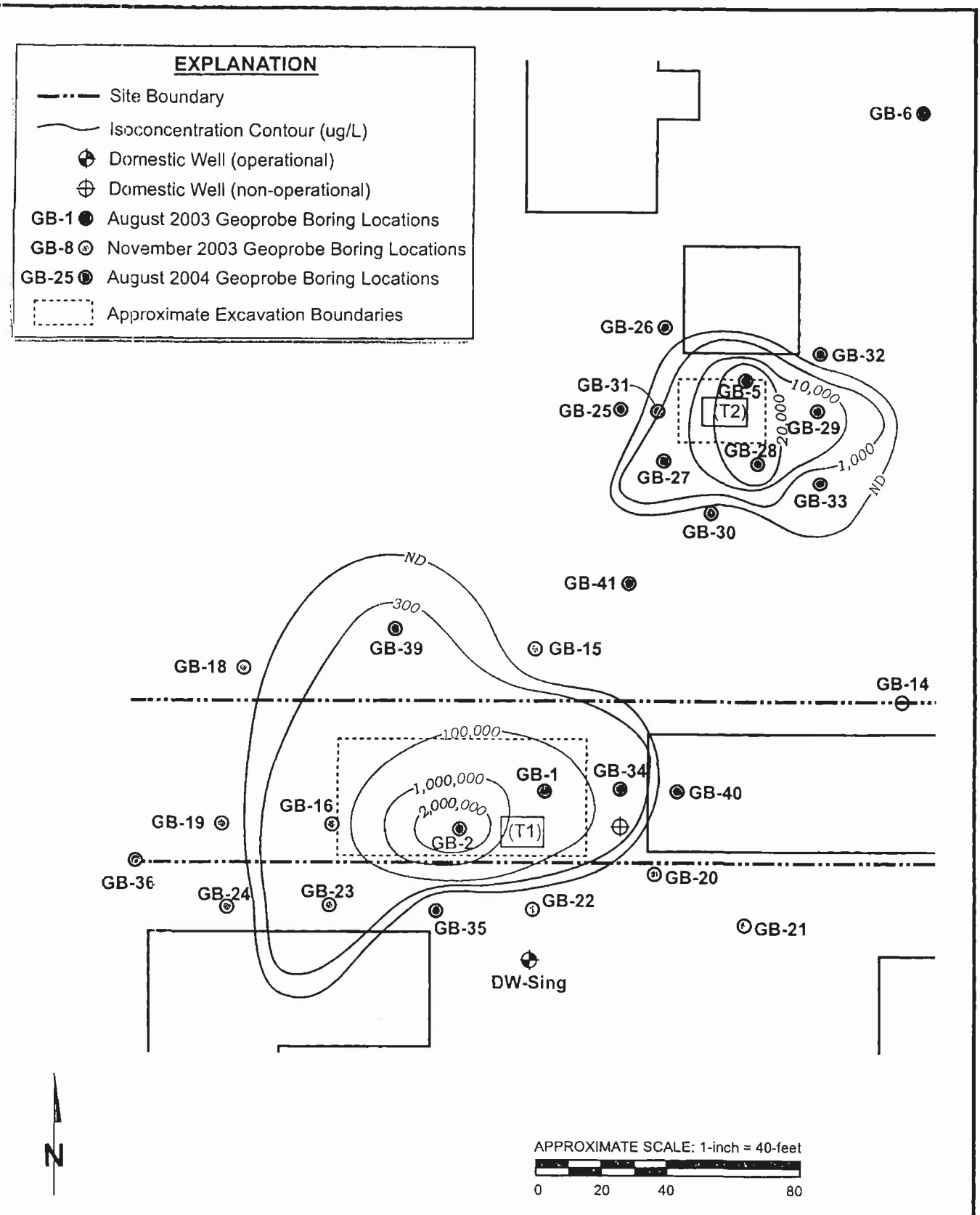
March 21, 2012

3600 AIRPORT ROAD

Sacramento, California

FIGURE	3
DRAWN BY	TJC
CHECKED BY	CJK
PROJECT MGR	DBN
DATE	4/12
WKA NO. 9272.01	

ATTACHMENT H



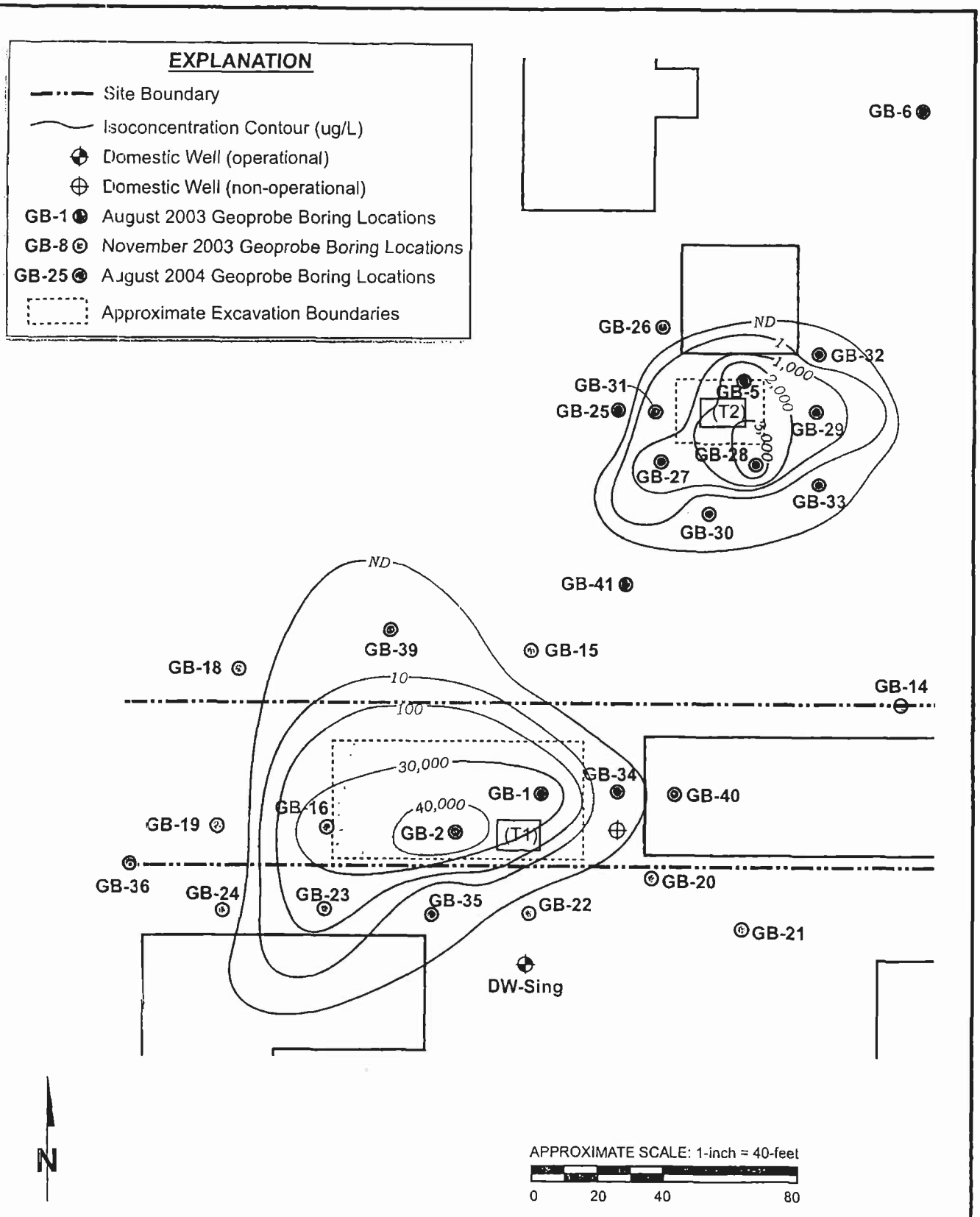
KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856j.fh10

TPH-GASOLINE ISOCONCENTRATION CONTOUR MAP (GROUNDWATER - AUGUST 2004)

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 6



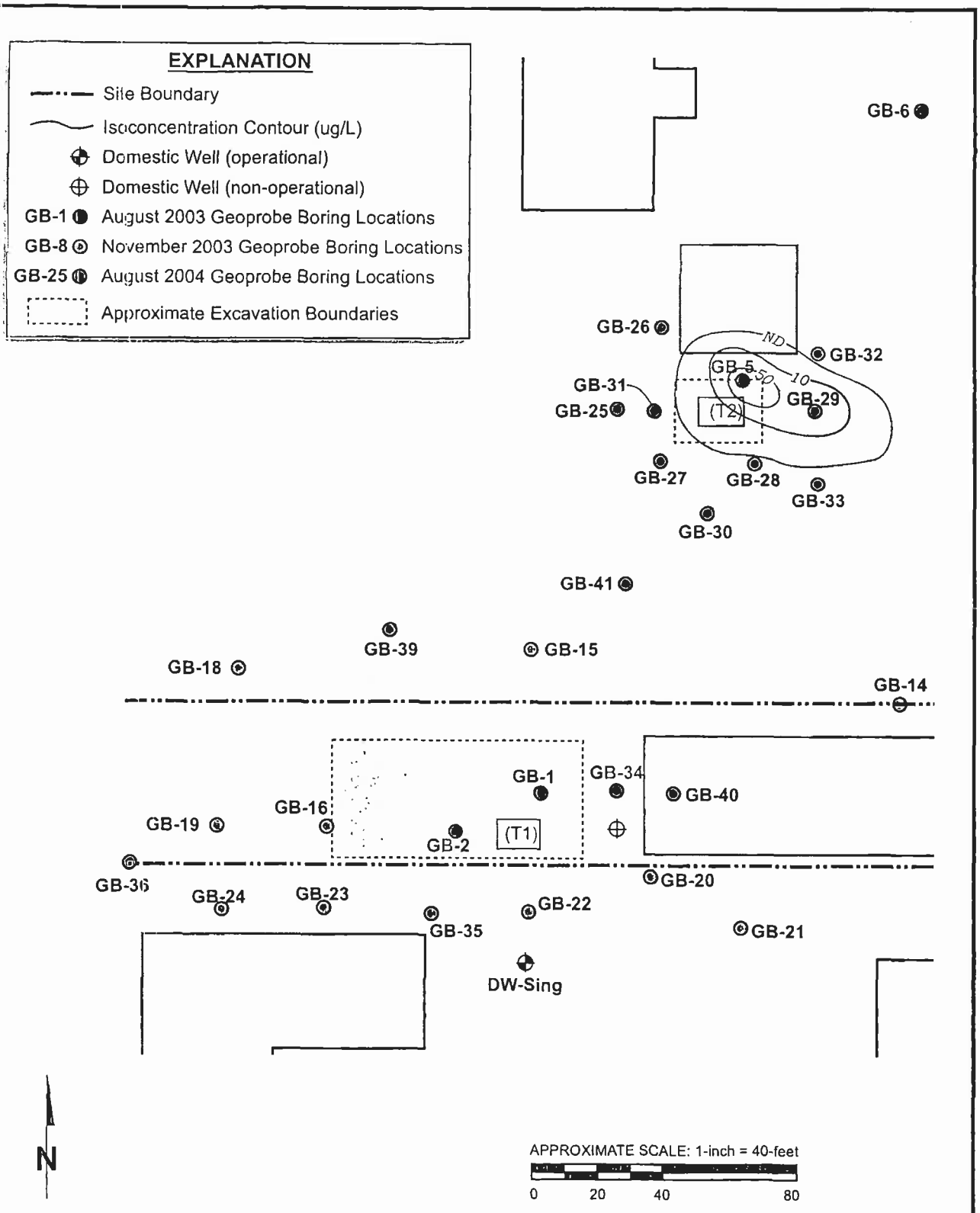
KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856k.fh10

BENZENE ISOCONCENTRATION CONTOUR MAP (GROUNDWATER - AUGUST 2004)

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 7



KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856l.fh10

MTBE ISOCONCENTRATION CONTOUR MAP (GROUNDWATER - AUGUST 2004)

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 8

ATTACHMENT I

Table 3
Summary of Analytical Results (Groundwater)
3590 and 3600 Airport Road
Sacramento, CA
97042

Well	Sample Date		TPH Extractable	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	5 Oxygenates	1,2-DCA	Total Lead
		Reporting Limit	0.050 mg/L	50 ug/L	0.50 ug/L	0.50 ug/L	0.50 ug/L	1.0 ug/L	0.50 to 5.0 ug/L	0.50 ug/L	5.0 ug/L
Monitoring Wells											
MW-1	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/9/2006		ND	ND	ND	ND	ND	ND	0.54 (MTBE)	ND	ND
	9/14/2006		ND	ND	ND	ND	ND	ND	0.75 (MTBE)	ND	ND
	3/19/2007		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/16/2008		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/5/2008		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/26/2009		NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/9/2006		ND	82	ND	ND	ND	1.1	ND	ND	ND
	9/14/2006		ND	79	0.55	ND	ND	ND	ND	ND	ND
	3/19/2007		ND	68	ND	ND	ND	ND	ND	ND	ND
	9/16/2008		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/5/2008		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/26/2009		NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2006		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/9/2006		NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/14/2006		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/19/2007		NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/16/2008		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/5/2008		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/26/2009		NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3B	9/16/2008		ND	ND	ND	ND	ND	ND	1.9 (MTBE)	ND	5.9
	12/5/2008		0.13 (motor oil)	ND	ND	ND	ND	ND	ND	ND	5.1
	3/26/2009		ND	ND	1.6	ND	1.5	ND	ND	ND	ND
MW-4	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2006		ND	2600	ND	ND	ND	ND	ND	ND	5.7
	6/9/2006		ND	270	ND	ND	ND	1.1	ND	ND	ND
	9/14/2006		ND	160	0.9	ND	ND	ND	ND	ND	ND
	3/19/2007		ND	80	ND	ND	ND	ND	ND	ND	ND
	9/16/2008		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/5/2008		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/26/2009		NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-5	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/8/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/9/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/14/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/19/2007		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/16/2008		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/2008		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/26/2009		ND	ND	ND	ND	ND	ND	ND	ND	5.4
MW-6	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		ND	210	0.73	ND	ND	ND	ND	2.9	ND
	3/23/2006		ND	1200	31	4.3	ND	1.5	ND	5.6	ND
	6/9/2006		0.063 (kerosene)	810	33	1.5	0.57	3.1	ND	2.7	ND
	9/14/2006		ND	210	32	0.5	ND	ND	ND	2.2	ND
	3/19/2007		ND	ND	ND	ND	ND	ND	ND	5.4	ND
	9/16/2008		ND	480	1.6	ND	ND	ND	1.7 (DIPE)	22	ND
	12/5/2008		ND	440	10	4.1	ND	ND	1.5 (DIPE)	31	18
	3/26/2009		ND	2100	120	3.3	1.4	ND	ND	ND	8.3
Domestic Well											
DW-Sing	11/13/2003		ND	ND	ND	ND	ND	ND	ND	NA	NA
	8/20/2004		0.053 (motor oil)	ND	ND	ND	ND	ND	ND	NA	ND
	1/10/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/17/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/15/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/2005		0.2 (motor oil)	ND	ND	ND	ND	ND	ND	ND	ND
	3/8/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/9/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/14/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/19/2007		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/16/2008		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/2008		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/26/2009		ND	ND	ND	ND	ND	ND	ND	ND	ND

ug/L: micrograms per liter (parts per billion)
mg/L: milligrams per liter (parts per million)
ND: Not detected above laboratory reporting limit
NS: Not sampled (dry well)
NA: Not analyzed
5 Oxygenates: MTBE, TAME, TBA, DIPE, ETBE

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
3600 AIRPORT ROAD
WKA No. 9272.01
Concentrations reported in micrograms per liter(µg/L)

SAMPLE DATA		EPA METHOD 8260 B													EPA METHOD 200.8
Sample ID	Date Sampled	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA	1,2-DCA	1,2-EDB	Total Lead
MW-1	3 17 2005	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n s	n.s	n.s.	n.s.	n.s.
	6 15 2005	n.s	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n.s	n s	n.s	n s	n.s	n.s.	n.s.	n s
	12 8 2005	n.s.	n.s	n.s	n.s	n s	n.s.	n.s	n s	n.s	n.s.	n s.	n.s.	n s.	n s	n s
	3 8 2006	<50	<.50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	<5.0
	6 9 2006	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	0.54	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	<5.0
	9 14 2006	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	0.75	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	<5.0
	3 19 2007	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	<5.0
	9 16 2008	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n s	n s	n s	n.s.	n s	n s	n.s.	n s	n.s.
	12 5 2008	n.s.	n.s.	n.s	n.s.	n s	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n.s
	3 26 2009	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n s.	n s.	n.s	n.s.	n.s.	n s.	n.s.
	6 8 2009	n.s.	n.s.	n s	n.s	n s	n s.	n s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.
	12 2 2011	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<5.0
	3 21 2012	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<5.0
MW-2	3 17 2005	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s	n.s.	n.s.	n.s	n.s.	n.s.	n.s	n.s.
	6 15 2005	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n.s	n s	n.s	n.s.	n.s	n.s.	n s	n.s
	12 8 2005	n.s.	n.s.	n.s.	n.s.	n.s.	n s.	n s	n.s	n.s	n.s	n s.	n.s.	n.s.	n.s.	n.s.
	3 8 2006	<50	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	<5.0
	6 9 2006	<50	<50	82	<0.50	<0.50	<0.50	1.1	<5.0	<5.0	<.5.0	<5.0	<5.0	<0.50	n.a	<5.0
	9 14 2006	<50	<50	79	0.55	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	<5.0
	3 19 2007	<50	<50	60	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	<5.0
	9 16 2008	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n s	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s.
	12 5 2008	n.s	n.s.	n.s	n.s	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s	n.s.	n.s.
	3 26 2009	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.
	6 8 2009	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.
	12 2 2011	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<5.0
	3 21 2012	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<5.0
MW-3	3 17 2005	n.s.	n.s.	n.s	n.s	n.s.	n.s.	n.s.	n.s.	n s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.
	6 15 2005	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n s	n.s	n.s.	n.s.	n.s.	n.s.	n.s.
	12 8 2005	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n s	n.s	n.s	n s	n s	n.s.	n s.	n.s.
	3 8 2006	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n s.	n.s.	n.s	n.s.
	6 9 2006	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n s	n.s.	n.s	n.s.
	9 14 2006	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n s	n.s.	n.s.	n.s.
	3 19 2007	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.
	9 16 2008	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s	n.s	n.s	n.s.
	12 5 2008	n.s.	n.s.	n.s	n.s	n.s.	n.s.	n.s.	n.s	n.s	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.
	3 26 2009	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.
MW-3B	9 16 2008	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	1.9	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	5.9
	12 5 2008	<50	0.13	<0.50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	5.1
	3 26 2009	<50	<0.50	<0.50	1.6	<0.50	1.5	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	<5.0
	6 8 2009	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	17
	12 2 2011	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<5.0
	3 21 2012	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<5.0
MW-4	3 17 2005	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.
	6 15 2005	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s
	12 8 2005	n.s.	n.s.	n.s.	n.s.	n s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s.
	3 8 2006	<50	<50	2600	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<.5.0	<5.0	<5.0	<0.50	n.a.	5.7
	6 9 2006	<50	<50	270	<0.50	<0.50	<0.50	1.1	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	<5.0
	9 14 2006	<50	<50	160	0.9	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	<5.0
	3 19 2007	<50	<50	80	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	<5.0
	9 16 2008	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s	n.s.	n.s.	n s	n.s.	n.s.	n.s.	n.s.	n.s.
	12 5 2008	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n.s.	n s	n.s
	3 26 2009	n.s.	n.s.	n.s.	n.s.	n s	n.s.	n.s	n.s.	n.s.	n.s	n s.	n.s.	n.s.	n.s	n.s
	6 8 2009	n.s	n.s.	n.s.	n.s.	n.s.	n.s	n.s	n.s.	n.s.	n.s.	n s.	n.s.	n.s	n.s	n.s.
	12 2 2011	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	10
	3 21 2012	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	n.a.	n.a	<5.0
MW-5	3 17 2005	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s.	n.s
	6 15 2005	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s.	n.s.	n.s.
	12 8 2005	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	<5.0
	3 8 2006	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	<5.0
	6 9 2006	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	<5.0
	9 14 2006	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	<5.0
	3 19 2007	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	<5.0
	9 16 2008	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	<5.0
	12 5 2008	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	<5.0
	3 26 2009	<50	<.50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a.	5.4
	6 8 2009	<50	<50	<.50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	7.3
	12 2 2011	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<5.0
	3 21 2012	<50	<.100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	n.a.	n.a	<5.0

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
3600 AIRPORT ROAD
WKA No. 9272.01

Concentrations reported in micrograms per liter(µg/L)

SAMPLE DATA		EPA METHOD 8260 B													EPA METHOD 200.8
Sample ID	Date Sampled	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA	1,2-DCA	1,2-EDB	Total Lead
MW-6	3 17 2005	n.s	n.s	n.s	n.s	n.s	n.s.	n.s	n.s	n.s.	n.s.	n.s	n.s	n.s.	n.s.	n.s.
	6 15 2005	n.s	n.s	n.s	n.s.	n.s	n.s.	n.s.	n.s.	n.s.	n.s.	n.s.	n.s	n.s	n.s.	n.s.
	12 8 2005	< 50	< 50	210	0.73	< 5.0	< 5.0	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	2.9	n.a.	<5.0
	3 8 2006	<50	<50	1200	31	4.3	<5.0	1.5	<5.0	<5.0	<5.0	<5.0	<5.0	5.6	n.a.	<5.0
	6 9 2006	<50	<50	810	33	1.5	0.57	3.1	<5.0	<5.0	<5.0	<5.0	<5.0	2.7	n.a.	<5.0
	9 14 2006	< 50	< 50	210	32	0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.2	n.a.	<5.0
	3 19 2007	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.4	n.a	<5.0
	9 16 2008	< 50	< 50	480	1.6	<5.0	<5.0	<5.0	<5.0	1.7	<5.0	<5.0	< 5.0	22	n.a.	<5.0
	12 5 2008	<50	<50	440	10	4.1	<5.0	<5.0	<5.0	1.5	<5.0	<5.0	<5.0	31	n.a	18
	3 26 2009	<50	<50	2100	120	3.3	1.4	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	n.a	8.3
	6 8 2009	<50	<50	1200	55	4.8	0.69	<5.0	<5.0	0.67	<5.0	<5.0	<5.0	35	n.a.	16
	12 2 2011	63	<100	66	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<0.50	10	39	<0.50	<5.0
	3 21 2012	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<0.50	<5.0	n.a.	n.a.	<5.0
DW-Sang	11 13 2003	<50	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	<0.50	n.s.	<0.50
	8 20 2004	< 50	0.053	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	n.s.	<5.0
	1 10 2005	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	n.s	<5.0
	3 17 2005	< 50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	n.a	<5.0
	6 15 2005	< 50	< 50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	n.a	<5.0
	12 8 2005	< 50	0.2	<50	<0.50	<0.50	<0.50	<1.0	< 5.0	<5.0	<5.0	<5.0	< 5.0	<5.0	n.a	<5.0
	3 8 2006	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	n.a.	<5.0
	6 9 2006	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	n.a.	<5.0
	9 14 2006	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	< 5.0	<5.0	n.a.	<5.0
	3 19 2007	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	n.a.	<5.0
	9 16 2008	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	n.a.	<5.0
	12 5 2008	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	n.a.	<5.0
	3 26 2009	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	n.a.	<5.0
	6 8 2009	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	< 5.0	<5.0	n.a.	<5.0
	12 2 2011	62	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<5.0
	3 21 2012	< 50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	< 5.0	n.a.	n.a.	<5.0

Notes:
TPHd = Total petroleum hydrocarbons-as-diesel
TBA = Tert-Butanol
MTBE = Methyl-t-butyl ether
DIPE = Diisopropyl ether
ETBE = Ethyl-t-butyl ether
GW to IA = Groundwater to Indoor Air
GW as DW = Groundwater as potential drinking water source
A = analyzed for annually during the fourth quarter (October-December)
n.a. = not analyzed for
J = values reported between the Method Detection Limit and the Method Reporting Limit ans should be considered estimates
n.s = reported as dry well, not sampled

ATTACHMENT J

TPH G mass removed in soil

$$1{,}300\ yd^3\ \text{of soil} * \frac{2{,}700\ lbs}{yd^3} * \frac{1\ kg}{2.2\ lbs} * \frac{252.2\ mg\ TPH6\ (average)}{1\ kg} * \frac{1\ lb}{453{,}592.4\ mg} =$$

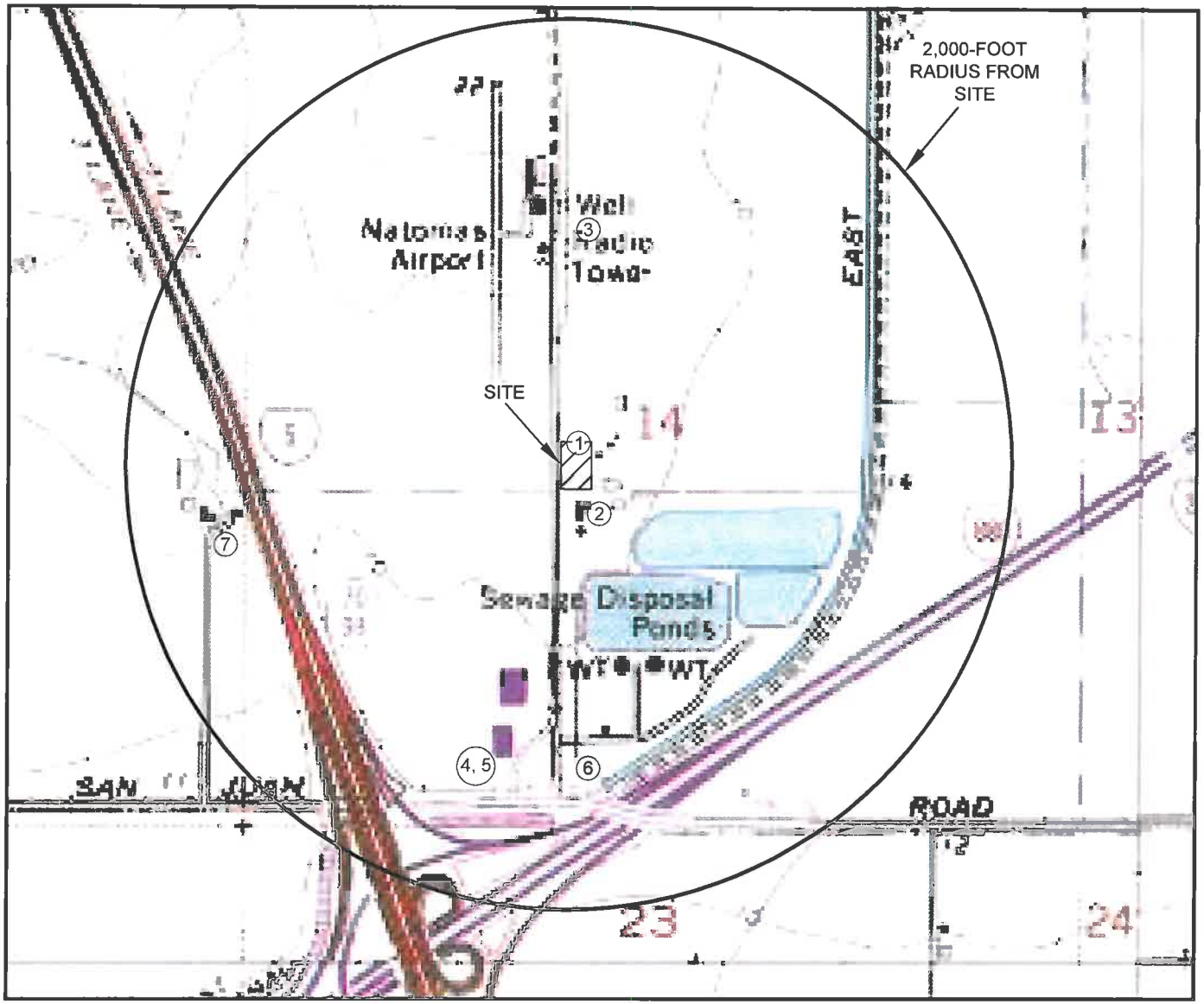
$$= 887.1\ lbs\ TPH G\ removed\ by\ excavation$$

Benzene mass removed in soil

$$1{,}300\ yd^3\ \text{of soil} * \frac{2{,}700\ lbs}{yd^3} * \frac{1\ kg}{2.2\ lbs} * \frac{0.56\ mg\ benzene\ (avg.)}{1\ kg} * \frac{1\ lb}{453{,}592.4\ mg} =$$

$$= 1.97\ lbs\ benzene\ removed\ by\ excavation$$

ATTACHMENT K



N

GENERAL NOTES:
BASE MAP FROM U.S.G.S.
SACRAMENTO, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1989

QUADRANGLE LOCATION

① WATER WELL LOCATIONS

STRATUS
ENVIRONMENTAL, INC.

0 750 FT
APPROXIMATE SCALE

BEAZER - MACHADO RESIDENCE
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

WATER SUPPLY WELL LOCATION MAP

FIGURE
1

PROJECT NO.
2159-3600-01

STRATUS
ENVIRONMENTAL, INC.

3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

October 12, 2015
Project 2159-3600-01

Ms. Susan Erikson
Sacramento County
Environmental Management Department
10590 Armstrong Avenue, Suite A
Mather, California 95655

Re: Updated No Further Action Request
Machado Residence, 3600 Airport Road, Sacramento, California

Dear Ms. Erikson:

Stratus Environmental, Inc. (Stratus), on behalf of Beazer Homes Holding Corp. (Beazer Homes), is submitting this Updated No Further Action Request (NFAR) for the Machado Residence, located at 3600 Airport Road in Sacramento, California. In response to Stratus's original NFAR submitted July 17, 2013, Sacramento County Environmental Management Department (SCEMD) denied closure for the site in a letter dated August 9, 2013. In the letter, SCEMD sighted concerns over a domestic water supply well located in close proximity to the underground storage tank (UST) release site and concerns over increasing 1,2-dichloroethane (1,2-DCA) concentrations reported in monitoring well MW-6 (located 20 feet upgradient of the domestic water supply well[DW-Sing]).

In the previous NFAR submittal, Stratus reported the results of a sensitive receptor survey to locate the well completion report for the water supply well in question (DW-Sing well) in order to compare well construction details with nearby monitoring well MW-6. Well construction details for the well could not be obtained. Subsequently, Stratus retained and scheduled a water well inspection company (Dr. Well, Water Well Services) to perform a down-hole video inspection of the well. A report of the video inspection indicated that well perforations started at approximately 66 feet below ground surface (bgs), and that the well casing was reported by Dr. Well as being heavily deteriorated in some sections. Stratus communicated this information to SCEMD who concurred that destroying the Sing well would be the best course of action to prevent any potential 1,2-DCA contamination from impacting the drinking water produced by the well. The Sing well was then properly destroyed under SCEMD permit conditions in May 2015. During the destruction of well DW-Sing, an abandoned well was discovered by SCEMD

personnel approximately 8 feet west of the former DW-Sing well. Beazer Homes was notified of the abandoned well and arrangements were made for it to be destroyed. The abandoned well was destroyed in June 2015 upon receiving the necessary permit. A new water supply well for the Sing residence was installed at the property on May 5, 2015, by Hedman Drilling (C-57 license #800802) approximately 120 feet south-southeast (slightly cross-gradient) of monitoring well MW-6. The well was installed to 150 feet bgs and sealed above 50 feet bgs using cement. If requested, a copy of the well completion report can be provided.

Concentrations of 1,2-DCA have steadily decreased from 59 micrograms per liter (µg/L) during the September 13, 2013, sampling event to 4.8 µg/L during the first quarter 2015 sampling event. During the most recent groundwater sampling event (March 24, 2015) all sampled groundwater monitoring wells located at the site were reported to be below laboratory detection limits, with the exception 1,2-DCA concentrations reported at well MW-6. Petroleum hydrocarbon impact at the site appears to be minimal.

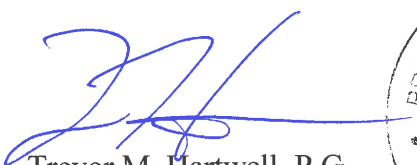
In order to mitigate any potential impact to drinking water at the Sing residence, Beazer Homes installed a new domestic well and destroyed both the old well and a previously unknown abandoned well on the Sing property. Based on these efforts, Stratus believes the potential impact to the new drinking supply well have been mitigated and the site should be granted "No Further Action" status.

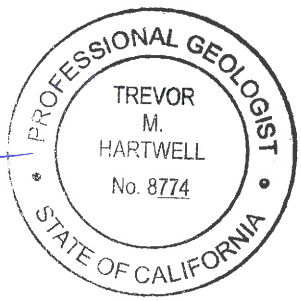
The following document and attachments summarize information collected during historical environmental assessment, sampling, and remediation work performed on behalf of the subject site. The data presented in this document are in accordance with requirements identified in California Regional Water Quality Control Board, Central Valley Region (RWQCB) Appendix A - Tri-Regional Board guidelines dated April 2004.

If you have any questions regarding this document, please contact Trevor Hartwell at (530) 313-9966.

Sincerely,

STRATUS ENVIRONMENTAL, INC.





Trevor M. Hartwell, P.G.
Project Manager

Jay R. Johnson, P.G.
Principal Geologist

Attachments:

Case Closure Summary
Draft Fact Sheet for Public Comment on Pending Environmental Case Closure
Notice of Fee Title Record
No Further Action Request Summary

cc: Mr. Frank Machado
Beazer Homes Holding Corporation
Ms. Vera Fischer, California Regional Water Quality Control Board

CASE CLOSURE SUMMARY

Case Closure Summary
Leaking Underground Fuel Storage Tank Program

DATE: September 9, 2015

I. AGENCY INFORMATION

Agency Name: Sacramento County Environmental Mgmt. Dept.	Address: 10590 Armstrong Avenue, Suite A
City/State/Zip: Mather, CA 95655	Phone/email: (916) 875-8433 / EriksonS@saccounty.net
Responsible staff person: Susan J. Erikson	Title: Environmental Specialist III

II. CASE INFORMATION

Site Facility Name: Machado Residence		
Site Facility Address: 3600 Airport Road, Sacramento, CA 95834		
GeoTracker Case No: 341466	Local Case No:	LOP Case No: G042/RO0001530
URF file date: September 2003	Global ID No. T0606727901	
Responsible Parties: Frank Machado/Beazer Homes	Address: 3600 Airport Rd. Sacramento, CA 95834	Phone Number:

Tank No.	Size in Gallons	Contents	Closed in-Place/Removed?	Date
1	500/550-UST	gasoline	Removed	August 2004
2	500/550-UST	gasoline	Removed	August 2004

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Gasoline		
Site characterization complete? (X) YES ( ) NO	Date approved by oversight agency: 5/15/13	
Monitoring Wells Installed? (X) YES () NO	Number: 6	Proper screen interval? (X) YES () NO
Highest GW depth below ground surface: 14.38 ft bgs (Feb. 2013)	Lowest Depth: >30 ft bgs	Flow Direction: Generally SE, E, and NE
Most Sensitive Current Use: Municipal		
Are drinking water wells affected? ( ) YES (X) NO	Aquifer name:	
Is surface water affected? ( ) YES (X) NO	Nearest/affected SW name:	
Off-site beneficial use impacts (addresses/locations):		
Report(s) on file? (X) YES ( ) NO	Where is report(s) filed? SCEMD, RWQCB, Geotracker	

Treatment and Disposal of Affected Material

Materials	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	Tanks 1-2 (see above for details)	Removed from site	August 2004
Piping	All piping	Removed from site	Unknown (Aug 2004?)
Soil	Estimated 1,300 cubic yards	Removed from site	After August 2004
Groundwater			
Barrels			

Case Closure Summary
Leaking Underground Fuel Storage Tank Program

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

Maximum Documented Contaminant Concentrations--Before and After Cleanup

Contaminant ▼	Soil (mg/Kg)		Water (µg/L)		Contaminant ▼	Soil (mg/Kg)		Water (µg/L)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gas)	1,400	690	2,600,000	<50	Xylenes (total)	280	81	12,000	<0.5
TPH (Diesel)	2,800	2,800	310,000	<50	Ethylbenzene	37	16	2,300	<0.5
Benzene	3.3	3.3	47,000	<0.5	Naphthalene	ND	ND	9.3	NA
Toluene	110	45	42,000	<0.5	1,2-DCA	0.22	0.22	440	4.8
MTBE	4.5	<0.005	57	<0.5	TPH (Oil)	13,000	13,000	2,300	<2.0

Comments (Depth/Type of Remediation, Mass Balance Calculations, Fate & Transport Results, etc.):
"After" soil analytical data are data collected from sidewalls of excavation cavity
"Before" groundwater analytical data are results from direct push soil borings or from tank basin sample
"After" groundwater analytical data reflects well sampling results from First Quarter 2015 (March) sampling event.
ND = Not detected; reporting limits unknown
- Remediation: Excavation
- Estimated mass remaining: See report for further explanation
- Fate/transport modeling: Not requested by SCEMD

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Basin Plan? (X) YES ( ) NO

Does the completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? (X) YES ( ) NO

Does corrective action protect public health for current land use? (X) YES ( ) NO

Site management requirements: None

Should corrective action be reviewed if land use changes? ( ) YES ( ) NO

Monitoring wells Decommissioned: ( ) YES (x) NO ( ) N/A	No. Decommissioned: 0	No. Retained: 6

Fee Title Certification:

GeoTracker Input Verification:

List Enforcement Actions Taken:

List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name:	Title:
Signature:	Date:

VI. RWQCB NOTIFICATION

Date Submitted to RB:	RB Response:	
RWQCB Staff Name:	Title:	Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

DRAFT FACT SHEET FOR PUBLIC COMMENT ON PENDING ENVIRONMENTAL CASE CLOSURE

PUBLIC NOTICE

Case Closure for Leaking Underground Storage Tank
Sacramento County Environmental Management Department
Fact Sheet

The Sacramento County Environmental Management Department (SCEMD) invites public comment on a request for regulatory closure of an underground storage tank (UST) environmental fuel leak case at 3600 Airport Road, Sacramento, California. This request for environmental case closure is being requested on behalf of Mr. Frank Machado and Beazer Homes Holding Corporation.

SUBJECT SITE:

Site Name: Machado Residence
Site Address: 3600 Airport Road, Sacramento, CA 95834
Geotracker Global ID # T0606727901
Lustis Case No. G042/RO0001530

PUBLIC COMMENT PERIOD:

October 1, 2015 through November 30, 2015

CASE SUMMARY:

In 2003, petroleum hydrocarbon impact to the subsurface, in the area near two USTs, was discovered during a Phase II subsurface investigation of the property. In 2003 and 2004, 41 soil borings were advanced in order to collect samples of soil and groundwater. The samples were submitted for analytical testing in order to evaluate the extent of the fuel contamination.

In August 2004, the USTs were removed and approximately 1,300 cubic yards of impacted soil was excavated and removed from the property. The excavation cavity was backfilled with clean soil up to surface grade. In late 2004 and early 2005, six groundwater monitoring wells were installed on the property. Water samples have been collected intermittently from the monitoring wells since this time, and during the sampling period, concentrations of fuel contaminants in groundwater have declined appreciably. By early 2012, no petroleum hydrocarbons were detectable in groundwater, although the fuel additive 1,2-dichloroethane persistently affects a small area of the property and one of the monitoring wells.

SCEMD and the State of California have established criteria for evaluating whether an environmental case on a property can be considered for closure. These criteria assume that remaining contaminants in groundwater pose a low threat to human health and the environment. After November 30, 2015, agency staff intends to complete its closure review and finalize closure of the environmental case at the subject property.

PUBLIC NOTICE

Case Closure for Leaking Underground Storage Tank
Sacramento County Environmental Management Department
Fact Sheet (con't)

WHERE DO I GET MORE INFORMATION?

General information regarding the site can be obtained from the State of California's GeoTracker website at http://geotracker.waterboards.ca.gov/. The case file for the subject site is available for review at the SCEMD office, located at 10590 Armstrong Avenue, Suite A, Mather, CA 95655. SCEMD files for the property may also be viewed at http://www.emdpublicrecords.saccounty.net/ (at this web site, enter '3600 Airport' as the property address to begin the search.

HOW DO I PARTICIPATE?

Any interested individual has the opportunity to learn more about the environmental case and its pending closure by submitting comments to Susan Erikson at SCEMD by November 30, 2015. Ms. Erikson may be reached by telephone at (916) 875-8433, via e-mail at eriksons@saccounty.net, or in writing at 10590 Armstrong Avenue, Suite A, Mather, CA 95655.

NOTICE OF FEE TITLE RECORD

Environmental Management
Department
Val F. Siebal, Director

County of Sacramento

Divisions
Environmental Compliance
Environmental Health

NOTIFICATION OF RECORD OWNERS OF FEE TITLE:

PRIMARY RESPONSIBLE PARTY	SITE IDENTIFICATION/ADDRESS
Beazer Homes USA, Inc.	3600 Airport Road, Sacramento

The Environmental Compliance Division (ECD) has received your request for consideration of a "No Further Action" determination for the site identified above. The ECD has made the following preliminary determination of the current record owner of fee title for the site:

CURRENT RECORD OWNER OF FEE TITLE:

Pursuant to the California Health & Safety Code and the California Water Code, it is your responsibility to notify the current record owner of fee title regarding a request for ECD consideration of a cleanup proposal or a request for "No Further Action." It is also your responsibility to provide proof of this notification to our agency. Your signature below certifies that you have confirmed the above party as the only current record owner of fee title for the subject property. You may use this form to verify that you have notified the current record owner of fee title by obtaining the signature of the owner or his/her authorized agent below and returning this form to our office. If there are additional current record owners of fee title, or if our determination is incorrect, please provide us with an additional/alternate form of proof of notification to the appropriate party/parties.

PRIMARY RESPONSIBLE PARTY:	RECORD OWNER OF FEE TITLE:
Signature: Richard C Crowder	Signature: Frank J. Machado
Name: RICHARD CROWDER	Name: FRANK MACHADO
Title: LAND DEVELOPMENT MANAGER	Title: OWNER
Date: [illegible] 2013	Date: 6/5/13

W:\SAMS\FEE TITLEHOLDER NOTIFICATION FORM.DOC

NO FURTHER ACTION REQUEST SUMMARY

NO FURTHER ACTION REQUEST SUMMARY
3600 AIRPORT ROAD, SACRAMENTO, CALIFORNIA
BEAZER-MACHADO RESIDENCE
SCEMD CASE NUMBER: G042-RO0001530
SEPTEMBER 9, 2015

TABLE OF CONTENTS

1.0 CHRONOLOGY

August/September 2003

Kleinfelder performed a Phase I and limited Phase II investigation on the property. At this time, two underground storage tanks (USTs) used for storing gasoline, and two above ground storage tanks (ASTs) used for storing diesel fuel, were identified. The USTs were located at different portions of the property, with one UST (T1) located near the southern property boundary and the other UST (T2) located approximately 125 feet northeast of T1.

Seven direct push borings (GB-1 through GB-7) were advanced in order to collect soil and groundwater samples from the subsurface. In addition, 10 hand auger soil samples (S-1 through S-10) were collected. A map depicting soil boring and sampling locations, and the layout of the facility at the time this work was completed, is provided in Attachment A. The samples were analyzed for various constituents depending upon their location on the property, including one or more of the following: petroleum hydrocarbons, fuel oxygenates, volatile organic compounds, organochlorine pesticides, CAM 17 metals, and/or nitrate as NO_3. Total petroleum hydrocarbons as gasoline (TPHG) and diesel (TPHD), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE) were detected in most soil samples collected near the USTs/ASTs. TPHD, TPHG, benzene, and MTBE were reported at maximum concentrations of 530 milligrams per kilogram (mg/Kg), 1,400 mg/Kg, 3.0 mg/Kg, and 4.5 mg/Kg, respectively, in soil, and 5,600 micrograms per liter (µg/L), 2,600,000 µg/L, 47,000 µg/L, and 57 µg/L, respectively, in groundwater. Analytical results of this investigation are provided in Attachment B. After receiving a report documenting the findings of this work, Sacramento County Environmental Management Department (SCEMD) submitted an unauthorized release report. No soil boring logs were included in the report.

November 2003

An additional subsurface investigation consisting of advancing 17 additional direct push borings (GB-8 through GB-24) for soil and groundwater sample collection was performed by Kleinfelder. The investigation focused on analysis for petroleum hydrocarbon and fuel oxygenate contaminants, and these analytical results are included in Attachment B. No soil boring logs were provided in the report.

August 2004

Kleinfelder, working in conjunction with W.A. Craig, removed the USTs from the property. At this time, it was determined that the USTs were 500 or 550 gallons in size. After removing the USTs, excavations were performed near each UST. Kleinfelder estimates that approximately 1,300 in-place cubic yards of impacted soil, and 770 to 800 in-place cubic yards of non-impacted soil, were excavated from the site. Approximately 22 compliance soil samples and one grab groundwater sample were collected during the work. In addition, 17 additional direct push borings (GB-25 through GB-41) were advanced at this time to enable soil and groundwater sample collection. Maps depicting sample and excavation locations are included in Attachment A, and analytical results are

included in Attachment B. Clean (overburden) soil generated during excavation work, and also imported crushed rock and soil, were used to backfill the excavation.

Soil boring logs were not provided in the report documenting the excavation and direct push boring investigation; however, Kleinfelder prepared a geologic cross section depicting interpreted shallow soil types. This cross section, and a map illustrating the surface trace of this sectional profile, are provided in Attachment C.

October 2004 to February 2005

Kleinfelder directed the installation of six groundwater monitoring wells (MW-1 through MW-6) at the site. Soil boring logs and well construction details for these boreholes/wells are provided in Attachment D. The wells were installed to depths ranging from approximately 25 feet bgs (MW-1 through MW-4) to 30 feet bgs (MW-5 and MW-6). Soil vapor samples were collected from six locations on a residential property located south of the site, at 3590 Airport Road. The purpose of the work was to assess potential health risk to indoor air associated with contaminants remaining in the subsurface. Attachment E presents a map illustrating soil vapor sampling locations (SV1 through SV6), and tabulated analytical results of these samples (BTEX constituents). Concentrations of BTEX in soil vapor were relatively low, and in a June 2005 report, Kleinfelder concluded that inhalation cancer risk associated with these contaminants was well below levels established by the Department of Toxic Substances Control and Environmental Protection Agency (DTSC/EPA).

Late 2007 / Early 2008

Well MW-3 was destroyed during this approximate time frame, and a replacement well (MW-3B) was installed.

May 2015

The Sing water supply well located at 3590 Airport Road was destroyed under SCEMD permit conditions. At the time of the destruction, a second water supply well was discovered to be located directly adjacent to the Sing well by SCEMD personnel. The well was destroyed in May 2015 after applying for a permit. Copies of the applications to destroy the wells and a well completion report are included as Attachment F.

A replacement water supply well was installed on the Sing property (3590 Airport Road) approximately 90 feet east of its former location. A copy of the well completion report is included in Attachment F.

Groundwater Monitoring

Shortly following the installation of wells MW-1 through MW-6, groundwater levels at the property were below 30 feet bgs, based on the absence of measureable water levels in wells MW-5 and MW-6 in early 2005. Between December 2006 and March 2015, groundwater levels in all site monitoring wells have fluctuated between approximately 27.87 and 14.38 feet below the top of the well casing. Historical groundwater elevation data is provided in Attachment G.

Calculated groundwater flow directions beneath the property have been variable. Attachment H presents historical groundwater elevation contour maps prepared from available site data. Given this information, southeast, east, and northeast groundwater flow appears to be predominant beneath the site vicinity. North-northwest groundwater flow was also observed using data collected from one groundwater monitoring event.

Groundwater Sampling and Extent of Impact to Groundwater

Following completion of the third direct push investigation at the site in August 2004, Kleinfelder prepared iso-concentration contour maps depicting the interpreted extent of GRO, benzene, and MTBE in groundwater at that time. These figures are presented in Attachment I. The figures illustrate that separate TPHG/benzene plumes were present in the areas surrounding the T1 and T2 USTs, and commingling between the two plumes does not appear to have occurred. Historically, GRO and benzene were detected at concentrations over 2,000,000 micrograms per liter (µg/L) and 40,000 µg/L, respectively, near T1, and over 40,000 µg/L and 3,000 µg/L, respectively, near T2. Low levels of MTBE (and a small plume) were detected in the area near T2, however no MTBE has been detected in the area near T1.

Relatively low levels of fuel contaminants have been reported in samples collected from the site's monitoring well network. Given this condition, excavation remedial work appears to have been effective in improving groundwater quality beneath the site, likely by removing adsorbed petroleum hydrocarbon mass. Attachment J presents a tabulated summary of available groundwater well sampling data. Historically, the highest concentrations of petroleum hydrocarbons have been detected in samples collected from well MW-6, which is situated south of T1. Maximum TPHG and benzene concentrations in samples collected from this well have been reported at 2,100 µg/L and 120 µg/L, respectively. It should be noted, however, that less analytical data is available from wells MW-1 through MW-4 than wells MW-5 and MW-6, because these wells were installed to a shallower depth and could not be sampled during some well sampling events due to dry conditions. In well MW-4, situated northwest of T1, TPHG was detected at a maximum concentration of 2,600 µg/L; BTEX concentrations in this well, however, were predominately reported below laboratory detection limits. At the time of the most recent well sampling event performed at the site in March 2015, TPHG, TPHD, BTEX, MTBE, TBA, DIPE, ETBE, TAME, and naphthalene concentrations were reported as not-detect or below laboratory reporting limits in all analyzed samples. These results are consistent with analytical results obtained from previous sampling events.

1,2-dichloroethane (1,2-DCA) has been detected in most samples collected from well MW-6, with a maximum concentration of 59 µg/L being reported in September 2013. During the three monitoring and sampling events performed at the site since this time, 1,2-DCA concentrations in well MW-6 have steadily declined to a reported 4.8 µg/L (March 2015).

Groundwater Water Sensitive Receptors

Two water wells have been identified in close proximity to the site; the Machado well, which is located onsite on the north-central portion of the property, and the Sing well, located immediately south of the site at 3590 Airport Road. The former Sing well was located approximately 20 feet south of the T1 area. Samples had been collected from the

Sing well since late 2003, and no gasoline related fuel contaminants (i.e. TPHG, BTEX, oxygenates, or additives) were detected in any of these samples. In two of the samples, low levels of extractable TPH (in the motor oil range) were reported; it does not appear as though silica gel treatment was performed on the samples. The Sing well was destroyed and reinstalled approximately 90 feet east of its former location as outlined in the above sections of this document. Analytical data from the Sing well samples are included in Attachment J. Kleinfelder sampled the Machado well in August 2003, and no gasoline related fuel contaminants were detected in the sample. Analytical results for the Machado well sample are included in Attachment B.

In June 2013, Stratus searched the records of well completions on file with the Department of Water Resources (DWR). After obtaining these records, Stratus also performed a field reconnaissance to attempt to locate undocumented water supply wells situated within a 500-foot radius of the site (none were located). A map illustrating the approximate locations of wells identified within a 2,000-foot radius of the site is provided in Attachment L. A well completion report for the Machado well was located (Map ID #1); however, a well completion report for the Sing well (Map ID #2) was not located in this search. The Machado well was constructed using plastic well casing inside of a 14-inch diameter borehole, and gravel packed from 50 to 156 feet bgs. The driller reported installing a sanitary seal on the Machado well from surface grade down to 50 feet bgs.

Approximately 1,000-feet north of the site, a water supply well was reportedly installed immediately east of Airport Road. This area has been re-developed with subdivision-style single family housing, however approximately 1,000-feet north of the site, on the west side of Airport Road (3801 Airport Road), there is a single residence that appears more likely to be using a water well. In addition, the 'base map' used to prepare the Attachment L figure illustrates a well in this general location. Stratus was unable to locate a well at this location during the field reconnaissance of the area. Stratus also searched Tanzanite Park, located approximately 500 feet southeast of the site, for the presence of a water supply well, and none was located.

Two wells were reportedly installed for Elixir Industries, at 3321 Airport Road (Map ID # 4 and 5). Stratus visually identified one of the two wells (uncertain which one). This area contains two relatively large buildings and both buildings are served by municipal water supplies. A well was reportedly installed near the intersection of San Juan Road and Airport Road, immediately north of Interstate 80 (Map ID #6). This area is near the perimeter of a property operated by the Sacramento Regional County Sanitation District (SRCSD) and the Natomas Pump Station; however, SRCSD is not identified as the owner of this well. A well was also reportedly installed about 1,900 feet west of the site, across Interstate 5 (Map ID #7). Due to confidentiality concerns and regulations in-place regarding GeoTracker data uploading, further information regarding water supply wells will be provided to SCEMD or the California Regional Water Quality Control Board (RWQCB) only upon request.

Based on available data, it appears that the shallow 1,2-DCA contamination observed in monitoring well MW-6 will not pose a risk to drinking water produced by the Sing well (now located approximately 90 feet east-southeast of MW-6).

2.0 LOW RISK GROUNDWATER CRITERIA: NFAR for CASES ABOVE BACKGROUND GROUNDWATER CONDITIONS/EXCEEDING WQO'S

2.1 *The source of the UST release has been identified and removed:*

Two 500-gallon USTs were removed from the site in August 2004. Approximately 1,300 in-place cubic yards of petroleum hydrocarbon impacted soil (secondary source) were excavated and removed from the site.

2.2 *Free-phase product in groundwater has been removed to the full extent practicable, in accordance with the UST Regulations (Title 23, CCR, Section 2655):*

Free-phase product has not historically been detected in groundwater.

2.3 *Contaminants remaining in the vadose zone cannot migrate in soil vapor or leach at concentrations that would cause groundwater to exceed water quality objectives*:

Petroleum hydrocarbon impacted soil at the site was excavated and removed.

2.4 *There are no existing water supply wells, surface waters or other receptors threatened by the remaining contaminants in soil or groundwater:*

Remaining contaminants in groundwater are localized to monitoring well MW-6, which is located approximately 90 feet west-northwest of the Sing domestic water supply well.

2.5 *Pollutants remaining in groundwater do not create or threaten to create risk to human health and safety, or to future beneficial use(s) of the groundwater.*

Patterns of existing and future demands for usable water resources in the area must be considered in determining what period of time is reasonable to reach non-detectable (or background) concentrates.

Stratus believes the relocation of the Sing well, along with proper sealing of the well above 50 feet bgs, will mitigate any risks of contamination to the well in the future.

2.6 *The plume size is stable and sufficiently limited in lateral and vertical extent and contaminant concentrations detected in groundwater show a decreasing trend with time.*

1,2-DCA concentrations have shown a decreasing trend in groundwater collected from MW-6 from a peak of 59 µg/L (reported in August 2013) to 4.6 µg/L (most recent sampling event conducted in March 2015). All other site monitoring wells, including the Sing well, continue to be absent of any analyzed petroleum hydrocarbon constituents. Contamination appears to be limited to well MW-6.

Stratus anticipates water quality objectives for MW-6 to be met within the near future based on the observed decreasing trends. The current established California Primary MCL for 1,2-DCA in groundwater is 0.5 µg/L.

3.0 CV-RWQCB CHECKLIST OF REQUIRED DATA FOR NO FURTHER ACTION REQUESTS AT UNDERGROUND TANK SITES

3.1 *Distance to production wells for municipal, domestic, agriculture, industry, and other uses within 2,000 feet of the site;*

A map illustrating approximate water supply well locations within a 2,000-foot radius of the site is provided in Attachment L.

3.2 *Site maps, to scale, of area impacted showing locations of former and existing tank systems, excavation contours and sample locations, borings and monitoring well elevation contours, gradients, and nearby surface waters, buildings, streets, and subsurface utilities;*

See Attachment A for site plans. Groundwater elevation contour maps are provided in Attachment H.

3.3 *Figures depicting lithology (cross sections), treatment system diagrams;*

A geologic cross section is provided in Attachment C.

3.4 *Stockpiled soil remaining on-site or off-site disposal (quantity);*

No investigation derived soil remains on-site.

3.5 *Monitoring wells remaining on-site, fate;*

Groundwater monitoring wells and remediation wells remain onsite. The wells will remain in place until sampling is no longer required.

3.6 *Tabulated data of all groundwater elevations and depth to water;*

See Attachment G.

3.7 *Tabulated results of all sampling and analysis;*
- *Detection limits for confirmation sampling*
- *Lead analyses*

All available analytical results (tabulated) are included in Attachments B, E, and J.

3.8 *Concentration contours of contaminants found and those remaining in soil and groundwater; both on-and off-site;*
- *Lateral extent of soil contamination*
- *Vertical extent of soil contamination*
- *Lateral extent of groundwater contamination*
- *Vertical extent of groundwater contamination*

Attachment I provides historical groundwater iso-concentration contour maps for TPHG, benzene, and MTBE, using direct push boring data, prior to completion of excavation remediation work. Currently, TPHG, benzene, and MTBE concentrations in groundwater are below laboratory detection limits, and thus preparation of groundwater iso-concentration contour maps is not appropriate.

In our opinion, there is not sufficient (and current) data available to prepare accurate post-excavation soil iso-concentration contour maps, and thus these figures were not generated for this report.

3.9 *Zone of influence calculated and assumptions used for the subsurface remediation system and the zone of capture attained for the soil and groundwater remediation systems.*

Not applicable.

3.10 *Reports/information*

- *Unauthorized Release Form*
- *Quarterly monitoring reports*
- *Problem Assessment Report*
- *Final Remediation Plan*
- *Well and borings logs*
- *Other*

Boring logs for the site's monitoring wells are provided in Attachment D. All reports are on file with SCEMD.

3.11 *Best Available Technology (BAT) used or an explanation for not using BAT;*

Approximately 1,300 cubic yards of impacted soil was excavated and removed from site.

3.12 *Reason why background was/is attainable using BAT;*

Current levels are protective.

3.13 *Mass balance calculation of the substance treated versus that remaining;*

In 13 soil stockpile samples collected during excavation, TPHG and benzene were reported at average concentrations of 252.2 mg/Kg and 0.56 mg/Kg, respectively. Assuming an in-place soil density of 100 pounds per cubic foot (2,700 pounds per cubic yard), and a removal volume of 1,300 cubic yards, Stratus estimates that 887.1 pounds of TPHG and 1.97 pounds of benzene were removed by excavation. A contaminant mass removal computation sheet documenting these calculations is provided in Attachment K. The remaining mass of petroleum hydrocarbons beneath the site is not known; only limited samples from the base of the excavations were collected, and none of this data is current (intermittently below water table interface).

3.14 *Assumptions, parameters, calculations and model used in risk assessments, and fate and transport modeling.*

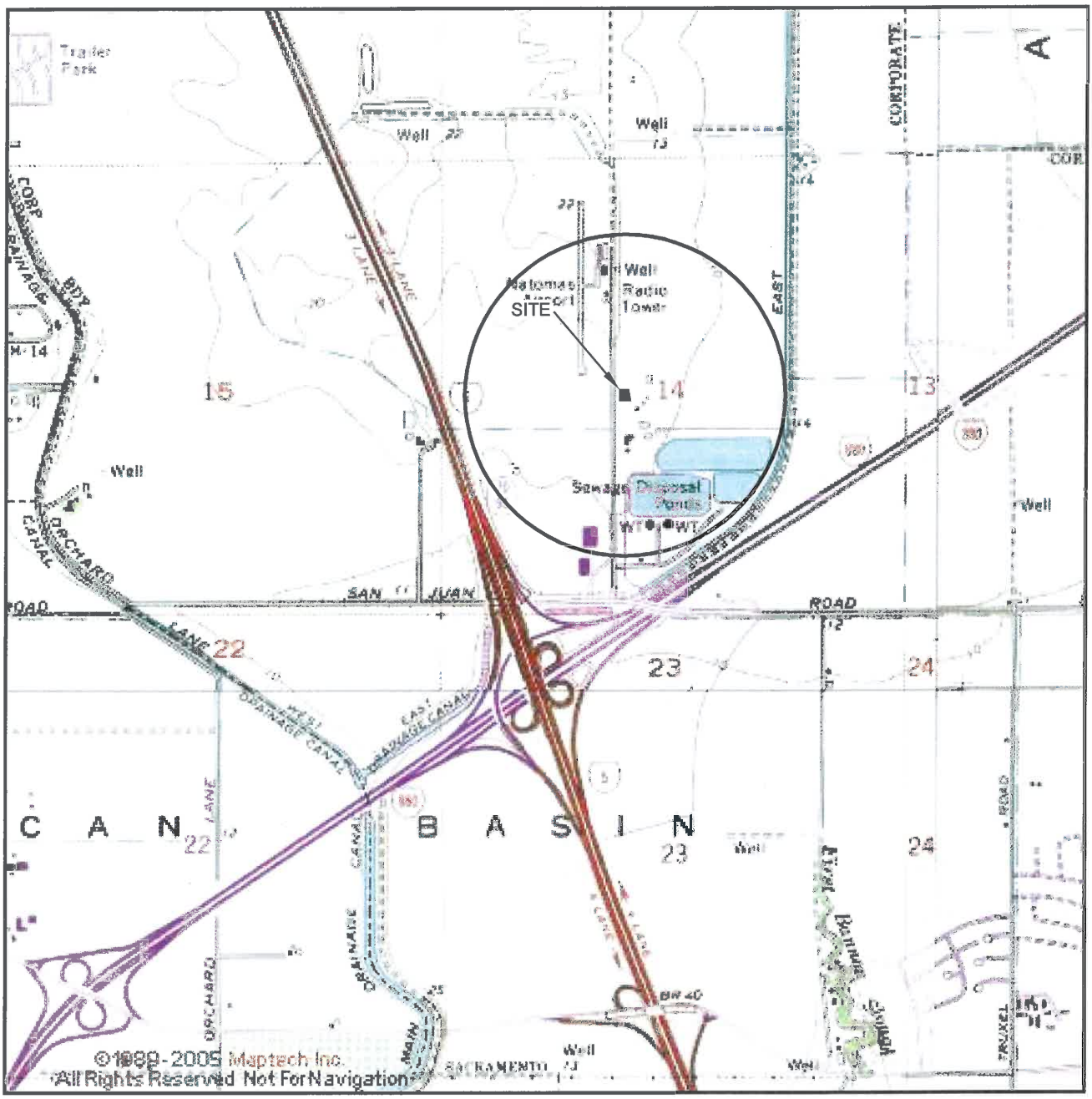
Kleinfelder's soil vapor risk assessment report submitted June 28, 2005.

3.15 *Rationale why conditions remaining at the site will not adversely impact groundwater quality, health, or other beneficial uses; and*

The petroleum hydrocarbon groundwater plume has attenuated appreciably. 1,2-DCA in shallow groundwater impacts only a small area of the site at monitoring well MW-6 (4.8 µg/L). Soil vapor concentrations of petroleum hydrocarbons are unlikely to be a health risk. The relocated Sing well is approximately 90 feet east-southeast of the impacted area (MW-6), however proper sealing of the well above 50 feet mitigates any shallow contaminant migration potential into the well.

ATTACHMENT A

SITE LOCATION MAP AND SITE PLANS



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
SACRAMENTO, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1989

N

0 2000 FT

SCALE 1:24,000

QUADRANGLE LOCATION

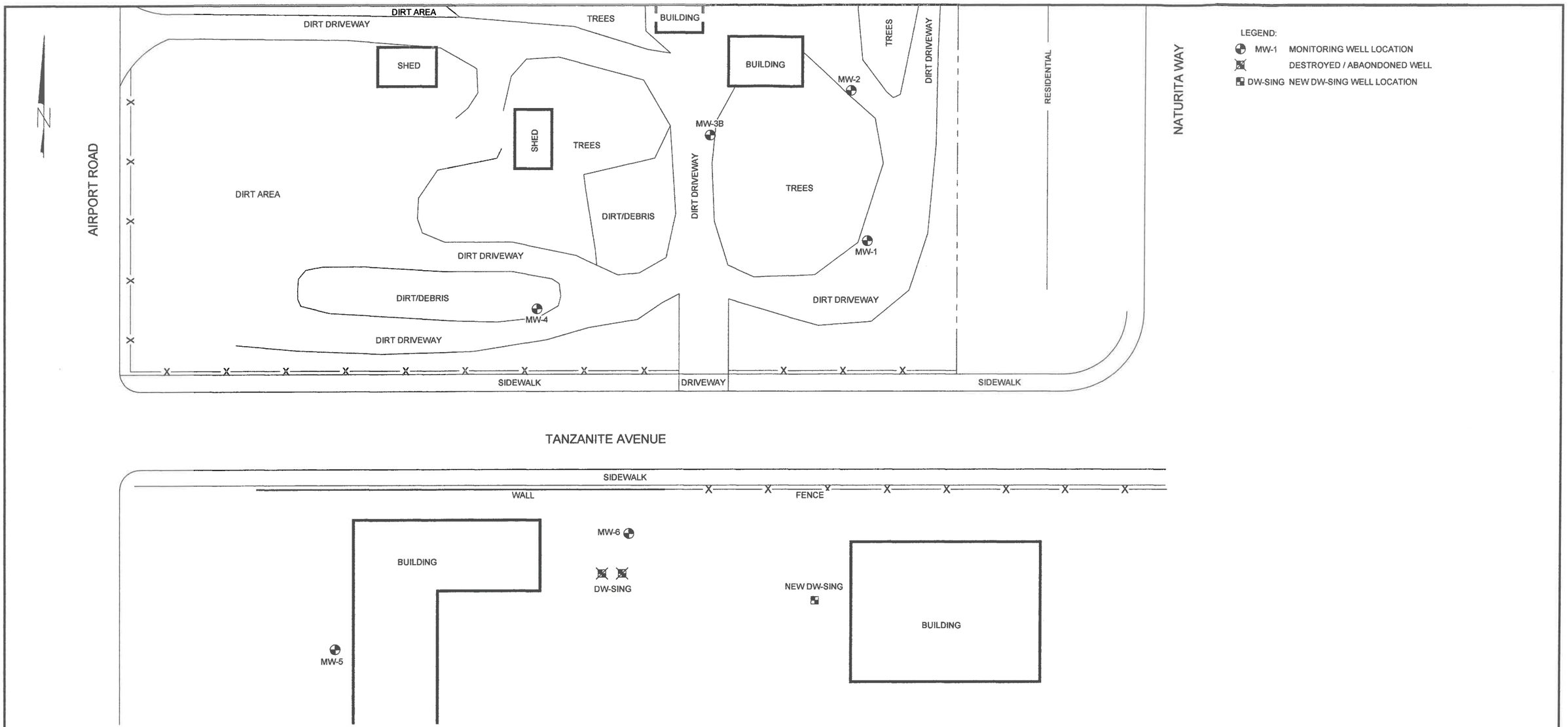
STRATUS ENVIRONMENTAL, INC.

BEAZER - MACHADO RESIDENCE
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

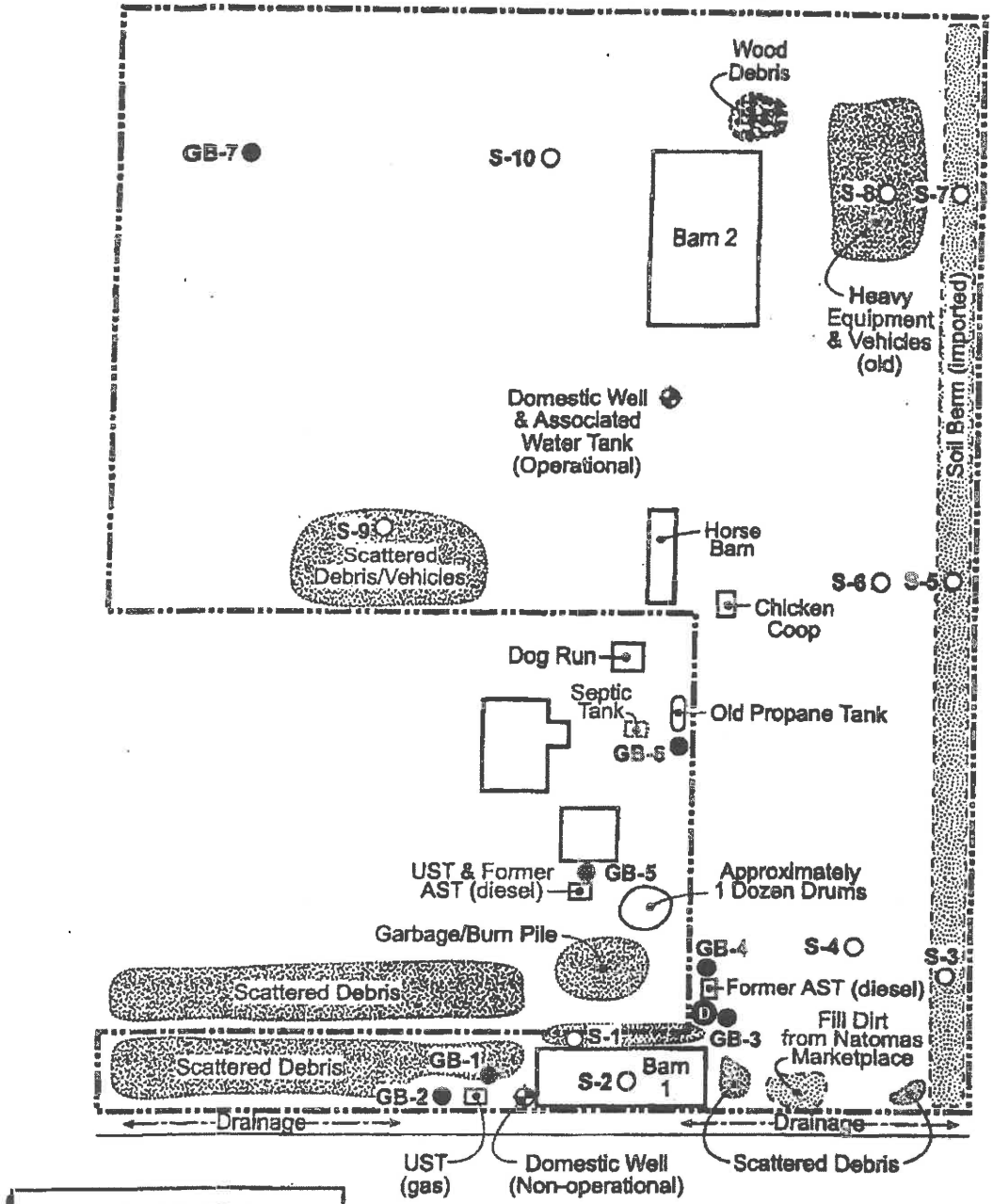
SITE LOCATION MAP

FIGURE
1

PROJECT NO.
2159-3600-01



STRATUS ENVIRONMENTAL, INC.	PATH NAME: Beazer Homes\Machado\Quarterly figures DRAFTER INITIALS: DMG DATE LAST REVISED: September 18th, 2015 FILENAME: Site Plan	0 40 FT APPROXIMATE SCALE	BEAZER - MACHADO RESIDENCE 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA SITE PLAN	FIGURE 2 PROJECT NO. 2159-3600-01

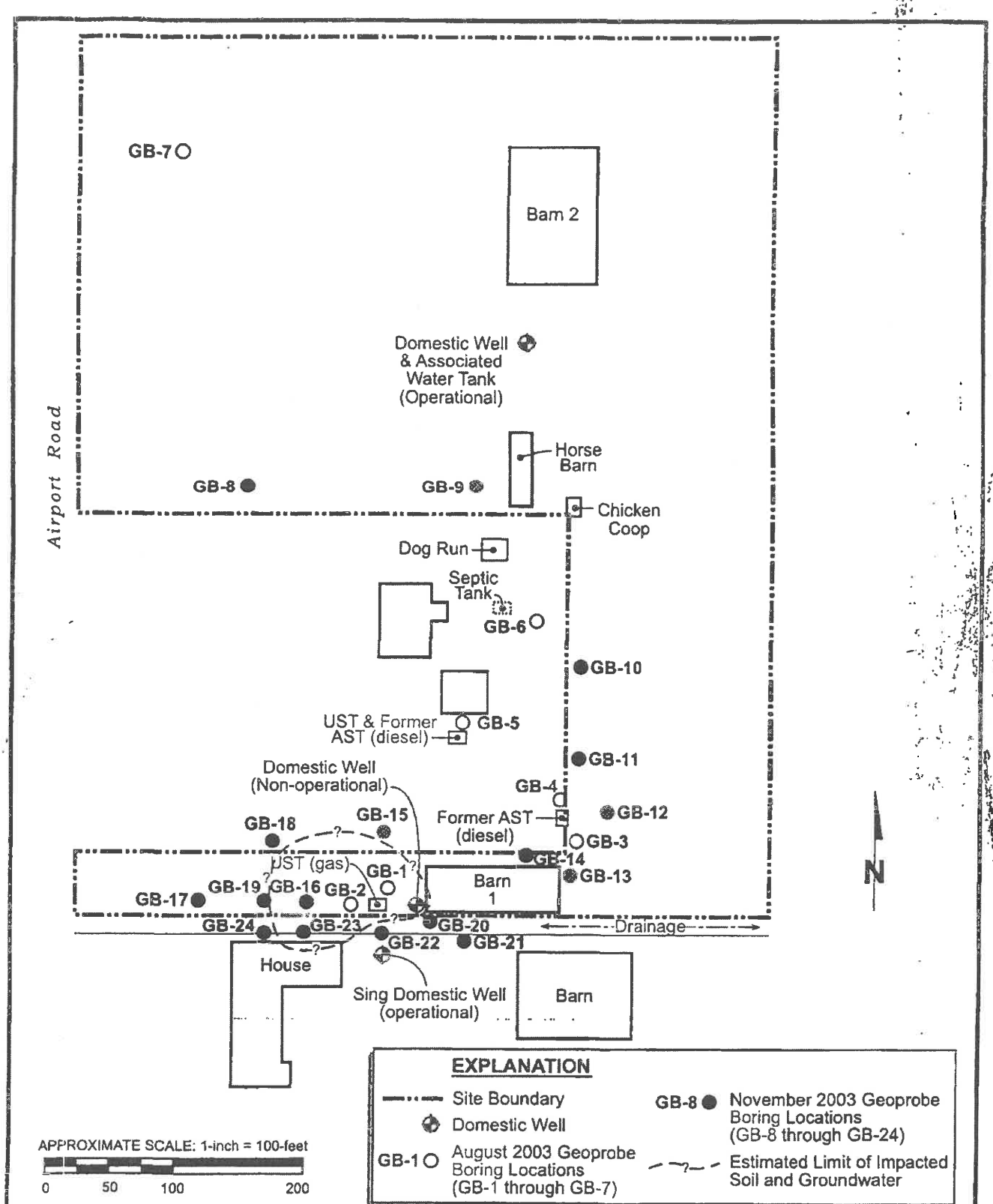


KLEINFELDER

Drawn By: D. Shelhart	Date: 9-2-2003
Project No. 34352-1	Filename: 2856b.fh10

SITE MAP
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
2



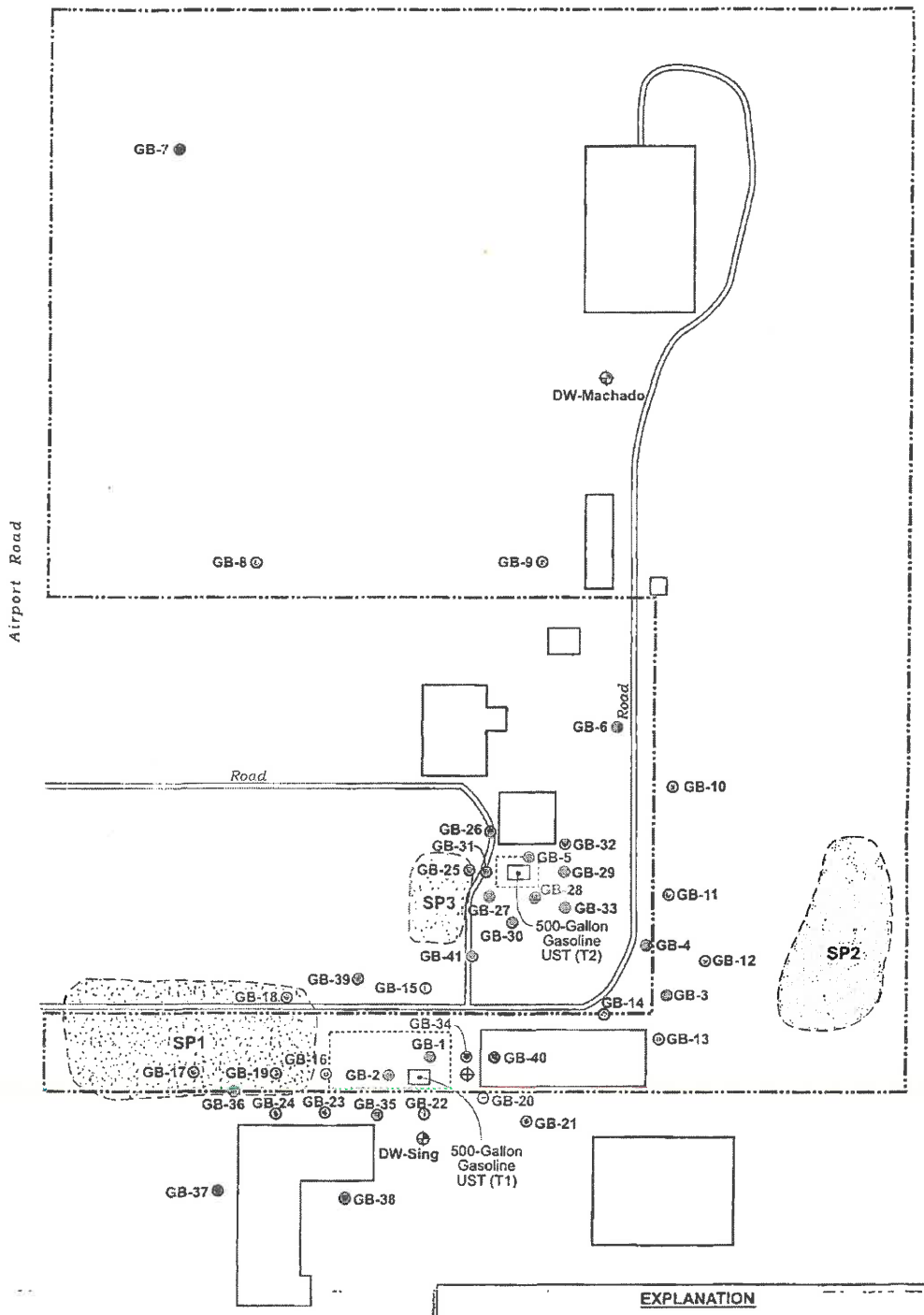
KLEINFELDER

Drawn By: D. Shelhart	Date: 11-20-2003
Project No. 34352-003	Filename: 2856f.fh10

GEOPROBE BORING LOCATION MAP

3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 2



APPROXIMATE SCALE: 1-inch = 70-feet

0 70 140

KLEINFELDER

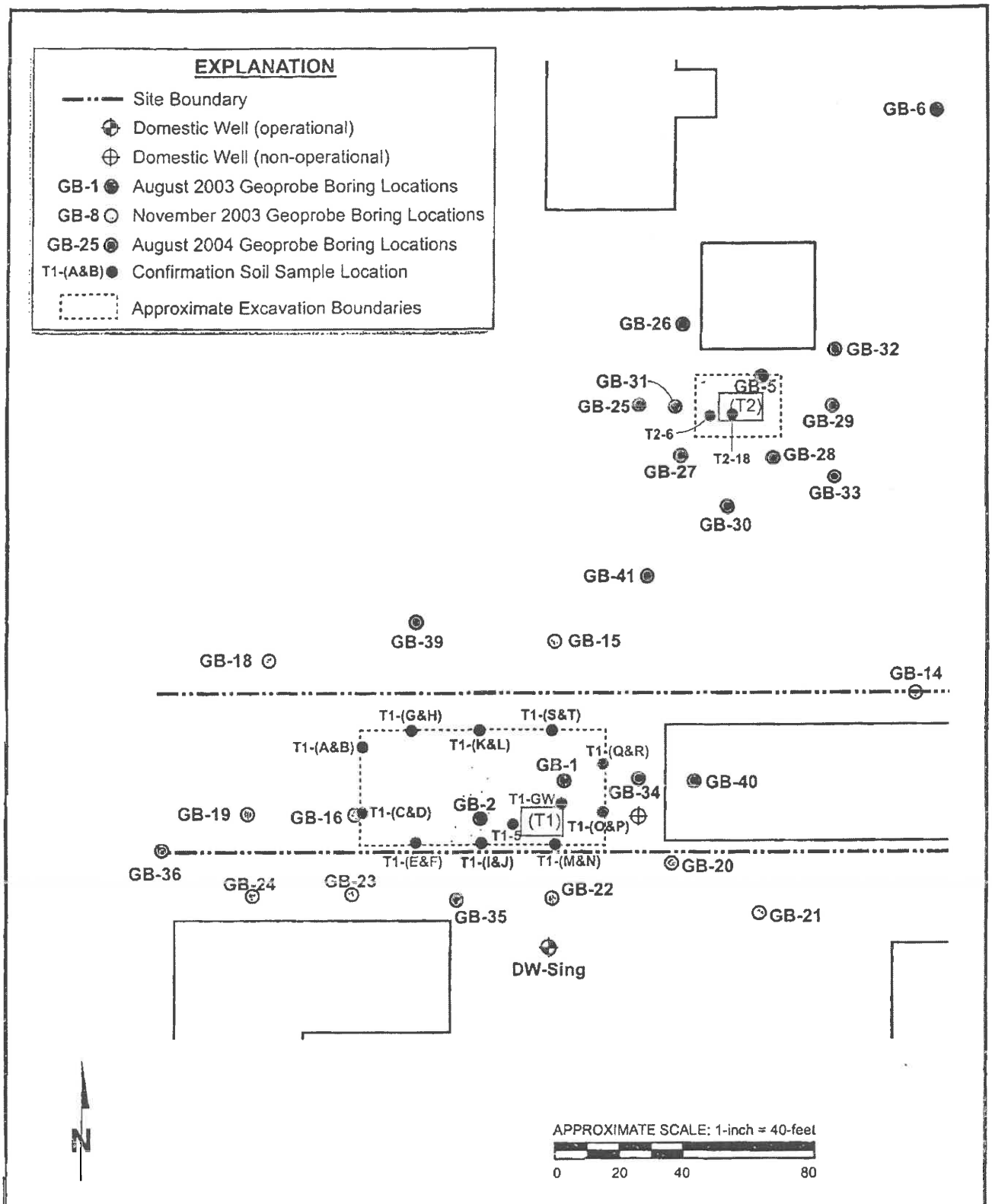
Drawn By: D. Shelhart | Date: 9-16-2004

Project No. 47359-002 | Filename: 2856i lh10

UST EXCAVATION & GEOPROBE BORING MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 2



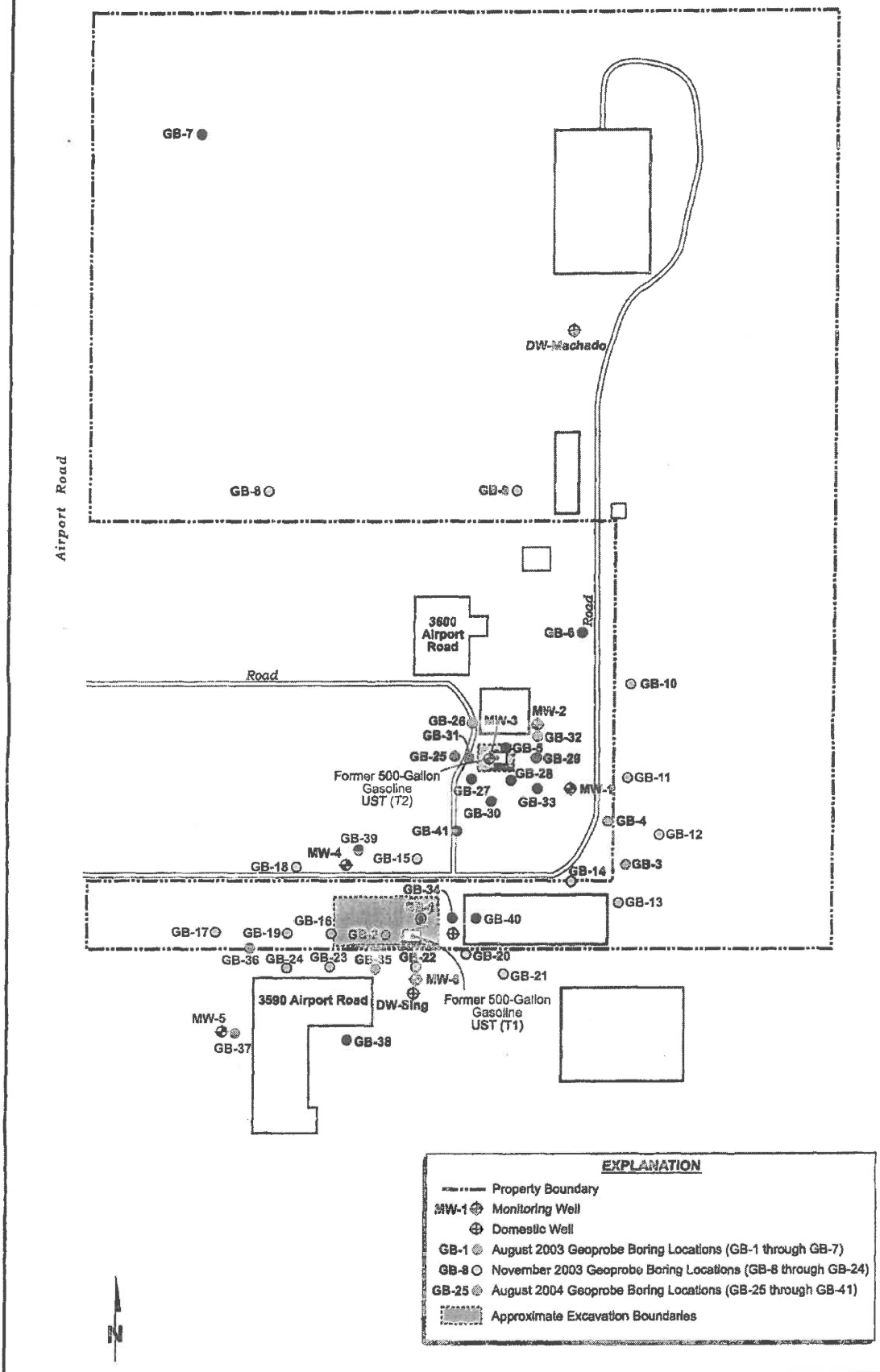
KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856n.fh10

CONFIRMATION SAMPLE LOCATION MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3



APPROXIMATE SCALE: 1-inch = 70-feet

0 70 140

KLEINFELDER

Drawn By: D. Shelhart | Date: 9-16-2004

Project No. 47359-002 | Filename: 28582.fh10

SITE MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 2

ATTACHMENT B

HISTORICAL SOIL AND GRAB GROUNDWATER ANALYTCIAL DATA

Table 1
Summary of Analytical Results
3600 Airport Road
Sacramento, California
34352-002

Sample Location		Sample Number	Sample Date	Sample Depth (Feet)	TPH Diesel	TPH Motor Oil	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	VOCs	5 Oxygenates	Organochlorine Pesticides	Nitrate as NO3	Reporting Units
GB-1	soil	30001	8/20/03	9.5--10	530000	ND	1400000	1700	110000	37000	280000		4500 (MTBE)			ug/kg
	water	11112	8/20/03		5600	ND	120000	34000	27000	1300	4480		ND			ug/L
GB-2	soil	30002	8/20/03	13.5--14	200000	ND	880000	3000	69000	20000	100000		ND			ug/kg
	water	11113	8/20/03		6000	ND	2600000	47000	42000	2300	12000		ND			ug/L
GB-3	soil	30003	8/20/03	3.5--4	ND	12000	ND	ND	ND	ND	ND		ND			ug/kg
	water	11114	8/20/03		ND	ND	ND	ND	ND	ND	ND		ND			ug/L
GB-4	soil	30004	8/20/03	8.5--9	ND	7800	ND	ND	ND	ND	ND		ND			ug/kg
	water	11115	8/20/03		ND	2300	ND	ND	ND	ND	ND		ND			ug/L
GB-5	soil	30005	8/20/03	3.5--4	ND	10000	ND	ND	ND	ND	ND		ND			ug/kg
	soil	30006	8/20/03	10.5--11	19000	ND	1400	7.9	5	21	83		12 (MTBE)			ug/kg
	water	11116	8/20/03		4400	ND	23000	2500	1900	970	3500		57 (MTBE)			ug/L
GB-6	soil	30007	8/22/03	1.5--2	ND	5900	ND	ND	ND	ND	ND	ND	ND	ND		ug/kg
	water	11119	8/22/03		ND	ND	ND	ND	ND	ND	ND	9.3 (Naphthalene)	ND	ND		ug/L
GB-7	soil	30008	8/22/03	surface--0.5										ND		ug/kg
	water	11120	8/22/03		ND	ND	ND	ND	ND	ND	ND		ND			ug/L
S-1	soil	00001	8/22/03	surface	ND	13000000	ND	ND	ND	ND	ND	ND	ND	ND		ug/kg
S-2	soil	00002	8/22/03	surface	ND	4700000	ND	ND	ND	ND	ND	ND	ND	ND		ug/kg
S-3	soil	00005	8/22/03	0.5--1	ND	6000	ND	ND	ND	ND	ND		ND	ND		ug/kg
S-4	soil	00006	8/22/03	surface--0.5										ND		ug/kg
S-5	soil	00008	8/22/03	1--1.5	ND	470000	ND	ND	ND	ND	ND		ND	ND		ug/kg
S-6	soil	00009	8/22/03	surface--0.5										ND		ug/kg
S-7	soil	00011	8/22/03	1--1.5	ND	54000	ND	ND	ND	ND	ND		ND	11 (4,4'-DDE)		ug/kg
S-8	soil	00012	8/22/03	surface--0.5										4.4 (4,4'-DDT)		ug/kg
S-9	soil	00014	8/22/03	surface--0.5										ND		ug/kg
S-10	soil	00015	8/22/03	surface--0.5										ND		ug/kg
Domestic Well	water	20001	8/22/03	1--1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2900	ug/L

ND - none detected above laboratory reporting limits
Blank cells : not analyzed

ug/kg : micrograms per kilogram (parts per billion)
ug/L : micrograms per liter (parts per billion)

Table 2
Summary of Analytical Results (Metals)
3600 Airport Road
Sacramento, California
34352-002

Sample Location	Sample Number	Sample Date	Sample Depth (Feet)	Arsenic	Selenium	Thallium	Antimony	Barium	Beryllium	Cadmium	Cobalt	Chromium	Copper	Lead	Molybdenum	Nickel	Silver	Vanadium	Zinc	Mercury	Reporting Units
PRG (Residential Soil)				*22*	*390*	*5.2*	*31*	*5,400*	*150*	***17*	*900*	*210*	*3,100*	***150*	*390*	*1,600*	*390*	*550*	*23,000*	*0*	*mg/kg*
OB-7 soil	34008	8/22/03	surface–0.5	2.1	ND	ND	ND	340	ND	0.66	30	49	28	65	ND	72	8.7	56	39	ND	mg/kg
S-1 soil	00001	8/22/03	surface	4.3	ND	ND	ND	270	ND	4.3	13	40	41	150	1.2	43	7.6	41	400	ND	mg/kg
S-2 soil	00002	8/22/03	surface	7.6	ND	ND	8.3	600	ND	10	11	33	150	540	4.1	52	11	22	4200	0.35	mg/kg
S-3 soil	00005	8/22/03	0.5–1	5	ND	ND	ND	130	ND	ND	17	61	30	6.2	ND	90	10	57	57	0.11	mg/kg
S-4 soil	00006	8/22/03	surface–0.5	5	ND	ND	ND	170	0.53	0.84	16	66	41	13	ND	70	12	73	70	0.14	mg/kg
S-5 soil	00005	8/22/03	1–1.5	8.2	ND	ND	ND	200	0.52	1.8	14	72	73	33	1.4	59	12	88	140	0.85	mg/kg
S-6 soil	00009	8/22/03	surface–0.5	4.3	ND	ND	ND	400	ND	0.84	50	50	34	12	ND	150	10	65	58	ND	mg/kg
S-7 soil	00011	8/22/03	1–1.5	7.8	ND	ND	ND	140	ND	0.86	14	44	39	16	ND	52	8.8	61	72	0.53	mg/kg
S-8 soil	00012	8/22/03	surface–0.5	4.1	ND	ND	ND	160	ND	0.66	18	45	33	23	ND	61	8.9	48	82	ND	mg/kg
S-9 soil	00014	8/22/03	surface–0.5	3.8	ND	ND	ND	200	0.5	0.79	19	56	34	9.3	ND	74	11	61	47	ND	mg/kg
S-10 soil	00015	8/22/03	surface–0.5	3.3	ND	ND	ND	230	ND	0.5	23	46	45	8	ND	67	9.3	56	52	ND	mg/kg

Notes:
ND : none detected above laboratory reporting limits
mg/kg : milligrams per kilogram (parts per million)

**: Cal-Modified PRG
Bolded concentrations signify that they were detected at or above PRG

Table 1
Excavation Confirmation and Stockpile Sample Summary
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Sample ID	Sample Matrix	Sample Location	Sample Depth (Feet)	Sample Date	TPH Diesel (mg/kg)	TPH Motor Oil (mg/kg)	TPH Gasoline (ug/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Xylenes (ug/kg)	5 Oxygenates (ug/kg)	1,2-DCA (ug/kg)	Total Lead (mg/kg)
South UST (T1) Excavation Confirmation Samples														
T1-5	soil	below UST	5	8/3/2004	< 1.0	13	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	23
T1-A	soil	north end of west sidewall	8	8/6/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	9
T1-B	soil	north end of west sidewall	17	8/6/2004	440	< 1.0	210,000	< 250	430	3,100	15,000	< 10 (TBA < 100)	< 10	9.2
T1-C	soil	south end of west sidewall	8	8/6/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.6
T1-D	soil	south end of west sidewall	17	8/6/2004	540	< 1.0	78,000	ND	350	1,600	5,500	< 10 (TBA < 100)	< 10	11
T1-E	soil	west end of south sidewall	7	8/9/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.8
T1-F	soil	west end of south sidewall	16	8/9/2004	160	< 1.0	270,000	290	2,000	5,500	21,000	< 5.0 (TBA < 50)	12	5.2
T1-G	soil	west end of north sidewall	6	8/9/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.4
T1-H	soil	west end of north sidewall	16	8/9/2004	150	< 1.0	160,000	110	150	1,900	8,100	< 5.0 (TBA < 50)	< 5.0	3.8
T1-I	soil	central south sidewall	5	8/9/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	18	< 5.0 (TBA < 50)	< 5.0	4.7
T1-J	soil	central south sidewall	15	8/9/2004	610	< 1.0	690,000	3,300	45,000	16,000	81,000	< 5.0 (TBA < 50)	< 5.0	4.5
T1-K	soil	central north sidewall	5	8/10/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	6.8
T1-L	soil	central north sidewall	17	8/10/2004	590	< 1.0	620,000	2,900	16,000	8,100	39,000	< 12 (TBA < 120)	< 12	3.7
T1-M	soil	east end of south sidewall	3	8/10/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.9
T1-N	soil	east end of south sidewall	18	8/10/2004	2,800	< 1.0	110,000	1,100	6,900	1,800	8,000	< 12 (TBA < 120)	< 12	3.6
T1-O	soil	south end of east sidewall	4.5	8/10/2004	< 1.0	< 1.0	< 1,000	5.9	14	5.6	24	< 5.0 (TBA < 50)	< 5.0	3.8
T1-P	soil	south end of east sidewall	15.5	8/10/2004	270	< 1.0	120,000	240	3,700	980	6,600	< 25 (TBA < 250)	< 25	4.4
T1-Q	soil	north end of east sidewall	19	8/11/2004	57	< 1.0	2,200	55	130	34	220	< 25 (TBA < 250)	< 25	2.9
T1-R	soil	north end of east sidewall	4	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.7
T1-S	soil	east end of north sidewall	4.5	8/11/2004	< 1.0	19	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.4
T1-T	soil	east end of north sidewall	19	8/11/2004	330	< 1.0	560,000	2,200	14,000	3,900	26,000	< 25 (TBA < 250)	220	7.8
T1-GW	*water*	*southeast quarter of excavation*	*19*	*8/11/2004*	*11 mg/L*	*< 0.50 mg/L*	*79,000 ug/L*	*10,000 ug/L*	*14,000 ug/L*	*1,600 ug/L*	*9,600 ug/L*	*< 20 ug/L (TBA < 200 ug/L)*	*440 ug/L*	*56 ug/L*
North UST (T2) Excavation Confirmation Samples														
T2-6	soil	below UST	6	8/3/2004	1,800	< 1.0	1,500,000	1,400	52,000	37,000	140,000	62 (MTBE)	< 25	35
T2-18	soil	below UST	18	8/6/2004	2,000	< 1.0	2,000,000	18,000	110,000	50,000	240,000	< 2,500 (TBA < 25,000)	< 2,500	7.5
"Impacted" Stockpile (1,100 in-place cubic yards)														
SP1-(1-2)	soil	4-point composite	--	8/11/2004	110	< 1.0	160,000	< 250	4,000	2,400	16,000	< 50 (TBA < 500)	< 50	12
SP1-(5-8)	soil	4-point composite	--	8/11/2004	54	< 1.0	170,000	420	4,800	2,400	13,000	< 50 (TBA < 500)	< 50	6.8
SP1-(9-12)	soil	4-point composite	--	8/11/2004	230	< 1.0	260,000	520	9,900	5,000	25,000	< 50 (TBA < 500)	< 50	0.3
SP1-(13-16)	soil	4-point composite	--	8/11/2004	420	< 1.0	360,000	1,200	22,000	10,000	60,000	< 50 (TBA < 500)	< 50	9.5
SP1-(17-20)	soil	4-point composite	--	8/11/2004	880	< 1.0	430,000	900	18,000	7,700	40,000	< 50 (TBA < 500)	< 50	8.7
SP1-(21-24)	soil	4-point composite	--	8/11/2004	95	< 1.0	130,000	270	3,200	2,100	12,000	< 25 (TBA < 250)	< 25	9.1
SP1-(25-28)	soil	4-point composite	--	8/11/2004	700	< 1.0	770,000	2,400	35,000	14,000	82,000	< 25 (TBA < 250)	< 25	8.2
SP1-(29-32)	soil	4-point composite	--	8/11/2004	600	< 1.0	310,000	520	11,000	5,900	30,000	< 25 (TBA < 250)	< 25	9.5
SP1-(33-36)	soil	4-point composite	--	8/11/2004	93	< 1.0	82,000	< 250	940	1,100	6,900	< 25 (TBA < 250)	< 25	9.5
SP1-(37-40)	soil	4-point composite	--	8/11/2004	160	< 1.0	78,000	< 50	430	850	5,100	< 25 (TBA < 250)	< 25	9
SP1-(41-44)	soil	4-point composite	--	8/11/2004	76	< 1.0	200,000	150	3,100	2,500	14,000	< 25 (TBA < 250)	< 25	8.3
"Clean" Stockpile (800 in-place cubic yards)														
SP2-(1-4)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.3
SP2-(5-8)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	14
SP2-(9-12)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.1
SP2-(13-16)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.6
SP2-(17-20)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	10
SP2-(21-24)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	11
SP2-(25-28)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.9
SP2-(29-32)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.6
"Impacted" Stockpile (200 in-place cubic yards)														
SP3-(1-4)	soil	4-point composite	--	9/9/2004	1,100	< 1.0	85,000	< 250	< 250	< 250	2,000	< 500 (TBA < 5,000)	< 25	16
SP3-(5-8)	soil	4-point composite	--	9/9/2004	1,000	< 1.0	44,000	< 50	< 50	100	1,000	< 25 (TBA < 250)	< 25	26
Domestic Wells														
2000/	*water*	*Machado Property (north well)*	--	*8/22/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*< 5.0 ug/L*	*NA*
DW-Sing	*water*	*Sing Property*	--	*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
DW-Sing04	*water*	*Sing Property*	--	*8/20/2004*	*< 0.050 mg/L*	*0.053 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*< 5.0 ug/L*

5 Oxygenates - MTBE, ETBE, TAME, TBA, DIPE
< 0.5: laboratory reporting limit, non-detected above that limit

mg/kg - milligrams per kilogram (parts per million)
ug/L : micrograms per liter (parts per billion)

mg/L - milligrams per liter (parts per million)
ug/kg : micrograms per kilogram (parts per billion)

NA : not analyzed
Water samples are italicized

Table 1
Summary of Analytical Results
3600 Airport Road
Sacramento, California
34352-003

Sample Location		Sample Number	Sample Date	Sample Depth (Feet)	TPH Diesel	TPH Motor Oil	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	5 Oxygenates	Reporting Units
August 2003													
GB-1	soil	30001	8/20/03	9.5--10	530,000	ND	1,400,000	1,700	110,000	37,000	280,000	4,500 (MTBE)	ug/kg
	water	11112			5,600	ND	120,000	34,000	27,000	1,300	4,400	ND	ug/L
GB-2	soil	30002	8/20/03	13.5--14	200,000	ND	880,000	3,000	69,000	20,000	100,000	ND	ug/kg
	water	11113			6,000	ND	2,600,000	47,000	42,000	2,300	12,000	ND	ug/L
GB-3	soil	30003	8/20/03	3.5--4	ND	12,000	ND	ND	ND	ND	ND	ND	ug/kg
	water	11114			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-4	soil	30004	8/20/03	8.5--9	ND	7,800	ND	ND	ND	ND	ND	ND	ug/kg
	water	11115			ND	2,300	ND	ND	ND	ND	ND	ND	ug/L
GB-5	soil	30005	8/20/03	3.5--4	ND	10,000	ND	ND	ND	ND	ND	ND	ug/kg
	soil	30006		10.5--11	19,000	ND	1,400	8	5	21	83	13 (MTBE)	ug/kg
	water	11116			4,400	ND	23,000	2,500	1,900	970	3,500	57 (MTBE)	ug/L
GB-6	soil	30007	8/22/03	1.5--2	ND	5,900	ND	ND	ND	ND	ND	ND	ug/kg
	water	11119			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-7	soil	30008	8/22/03	surface--0.5									ug/kg
	water	11120			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
Machado Domestic Well		20001	8/22/03	--	ND	ND	ND	ND	ND	ND	ND	ND	ug/L
November 2003													
GB-8	soil	11111	11/11/03	9.5--10	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00008			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-9	soil	11112	11/11/03	3.5--4	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00009			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-10	soil	11113	11/11/03	7.5--8	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00010			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-11	soil	11114	11/11/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00011			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-12	soil	11115	11/11/03	7.5--8	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00012			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-13	soil	11116	11/11/03	7.5--8	ND	3,500	ND	ND	ND	ND	ND	ND	ug/kg
	water	00013			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-14	soil	11117	11/11/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00014			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-15	soil	30001	11/12/03	15.5--16	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00015			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-16	soil	11118	11/12/03	14.5--15	110,000	ND	50,000	ND	370	380	1,800	ND	ug/kg
	water	00016			310,000	ND	98,000	32,000	16,000	1,400	11,000	ND	ug/L
GB-17	wate	00017	11/12/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-18	soil	11120	11/12/03	14.5--15	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00018			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-19	soil	11121	11/11/03	13--13.5	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00019			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-20	soil	11122	11/13/03	15.5--16	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00020			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-21	soil	11123	11/13/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00021			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-22	soil	11124	11/13/03	12.5--13	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00022			ND	ND	ND	ND	0.71	ND	ND	ND	ug/L
GB-23	soil	11125	11/13/03	13.5--14	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00023			3,800	ND	10,000	140	110	500	290	ND	ug/L
GB-24	soil	11126	11/13/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00024			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
Off-site Domestic Well		DW-Sing	11/13/03		ND	ND	ND	ND	ND	ND	ND	ND	ug/L

ND - none detected above laboratory reporting limits
Blank cells : not analyzed

ug/kg : micrograms per kilogram (parts per billion)
ug/L : micrograms per liter (parts per billion)

Table 2
Geoprobe Sample Summary
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Geoprobe Boring ID	Sample ID	Sample Matrix	Sample Depth (Feet)	Sample Date	TPH Diesel (mg/kg)	TPH Motor Oil (mg/kg)	TPH Gasoline (ug/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Xylenes (ug/kg)	5 Oxygenates (ug/kg)	1,2-DCA (ug/kg)	Total Lead (ug/kg)
Geoprobe Borings														
GB-1	30001	soil	9.5--10	8/20/2003	530	< 10	1,400,000	1,700	110,000	37,000	280,000	MTBE 4,500	NA	NA
	11113	*water*		*8/20/2003*	*5.6 mg/L*	*< 0.050 mg/L*	*120,000 ug/L*	*34,000 ug/L*	*37,000 ug/L*	*1,300 ug/L*	*4,400 ug/L*	*< 50 ug/L (TBA < 500 ug/L)*	*NA*	*NA*
GB-2	30002	soil	13.5--14	8/20/2003	200	< 10	880,000	3,000	69,000	20,000	100,000	< 500 (TBA < 5,000)	NA	NA
	11112	*water*		*8/20/2003*	*6 mg/L*	*< 0.050 mg/L*	*2,600,000 ug/L*	*47,000 ug/L*	*42,000 ug/L*	*2,300 ug/L*	*12,000 ug/L*	*< 50 ug/L (TBA < 500 ug/L)*	*NA*	*NA*
GB-3	30003	soil	3.5--4	8/20/2003	< 1.0	12	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	11114	*water*		*8/20/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-4	30004	soil	8.5--9	8/20/2003	< 1.0	7.8	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	11115	*water*		*8/20/2003*	*< 0.050 mg/L*	*2.3 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-5	30005	soil	3.5--4	8/20/2003	< 1.0	10	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	30006	soil	10.5--11	8/20/2003	19	< 1.0	1,400	8	5	21	83	MTBE 12	NA	NA
	11116	*water*		*8/20/2003*	*4.4 mg/L*	*< 0.050 mg/L*	*23,000 ug/L*	*2,500 ug/L*	*1,900 ug/L*	*970 ug/L*	*3,500 ug/L*	*MTBE 57 ug/L*	*NA*	*NA*
GB-6	30007	soil	1.5--2	8/22/2003	< 1.0	5.9	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	11119	*water*		*8/22/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB 7	30008	soil	surface--0.5	8/22/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	63
	11120	*water*		*8/22/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-8	11111	soil	9.5--10	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00008	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-9	11112	soil	3.5--4	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00009	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-10	11113	soil	7.5--8	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00010	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-11	11114	soil	11.5--12	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00011	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-12	11115	soil	7.5--8	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00012	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-13	11116	soil	7.5--8	11/11/2003	< 1.0	3.5	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00013	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-14	11117	soil	11.5--12	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00014	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-15	30001	soil	15.5--16	11/12/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00015	*water*		*11/12/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-16	11118	soil	14.5--15	11/12/2003	110	< 1.0	50,000	< 0.50	170	360	1,400	< 5.0 (TBA < 50)	NA	NA
	00016	*water*		*11/12/2003*	*310 mg/L*	*< 0.25 mg/L*	*98,000 ug/L*	*32,000 ug/L*	*16,000 ug/L*	*1,400 ug/L*	*11,000 ug/L*	*< 50 ug/L (TBA < 500 ug/L)*	*NA*	*NA*
GB-17	*00017*	*water*	*11.5--12*	*11/12/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-18	11120	soil	14.5--15	11/12/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00018	*water*		*11/12/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-19	11121	soil	13--13.5	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00019	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-20	11122	soil	15.5--16	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00020	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-21	11123	soil	11.5--12	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00021	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-22	11124	soil	12.5--13	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00022	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*0.71 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-23	11125	soil	13.5--14	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00023	*water*		*11/13/2003*	*3 ug/L*	*< 0.050 mg/L*	*14,000 ug/L*	*140 ug/L*	*110 ug/L*	*500 ug/L*	*390 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-24	11126	soil	11.5--12	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00024	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-25	GB25-11	soil	10.5-11	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.5
	GB25-14.5	soil	14-14.5	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.1
	GB25-GW	*water*	*18.5*	*8/18/2004*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-26	GB26-15	soil	14.5-15	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.8
	GB26-22	soil	21.5-22	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	< 12
	GB26-GW	*water*	*18.5*	*8/18/2004*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-27	GB27-11	soil	10.5-11	8/18/2004	< 1.0	11	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4
	GB27-14	soil	13.5-14	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.8
	GB27-22	soil	21.5-22	8/18/2004	< 1.0	5.3	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.1
	GB27-GW	*water*	*18*	*8/18/2004*	*2.5 mg/L*	*< 0.050 mg/L*	*5,100 ug/L*	*1,400 ug/L*	*9.0 ug/L*	*430 ug/L*	*310 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-28	GB28-15	soil	14.5-15	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	9.7	11	< 5.0 (TBA < 50)	< 5.0	4.7
	GB28-20	soil	19.5-20	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	6.7
	GB28-GW	*water*	*18*	*8/19/2004*	*< 0.050 mg/L*	*< 0.050 mg/L*	*26,000 ug/L*	*3,000 ug/L*	*89 ug/L*	*1,800 ug/L*	*2,200 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-29	GB29-13.5	soil	13-13.5	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.7
	GB29-20	soil	19.5-20	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8
	GB29-GW	*water*	*17.5*	*8/19/2004*	*4.8 mg/L*	*2.0 mg/L*	*12,000 ug/L*	*1,600 ug/L*	*75 ug/L*	*940 ug/L*	*1,800 ug/L*	*MTBE 12 ug/L*	*4.9 ug/L*	*110 ug/L*
GB-30	GB30-16	soil	15.5-16	8/19/2004	< 1.0	230	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	54
	GB30-GW	*water*	*18*	*8/19/2004*	*< 0.050 mg/L*	*5.9 mg/L*	*< 50 mg/L*	*0.82 ug/L*	*1.1 ug/L*	*0.77 ug/L*	*1.4 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*28 ug/L*
GB-31	GB31-15.5	soil	15-15.5	8/19/2004	< 1.0	8.4	< 1,000	21	< 5.0	6.6	< 10	< 5.0 (TBA < 50)	< 5.0	6.3
	GB31-20	soil	19.5-20	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.9
	GB31-GW	*water*	*18.5*	*8/19/2004*	*0.52 mg/L*	*51 mg/L*	*1,000 ug/L*	*170 ug/L*	*6.4 ug/L*	*34 ug/L*	*6.1 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*9.6 ug/L*
GB-32	GB32-12	soil	11.5-12	8/19/2004	< 1.0	2.4	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.8
	GB32-20	soil	19.5-20	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.6
	GB32-GW	*water*	*18*	*8/19/2004*	*< 0.050 mg/L*	*8.1 mg/L*	*< 50 mg/L*	*0.72 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*17 ug/L*
GB-33	GB33-15	soil	14.5-15	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.8
	GB33-20	soil	19.5-20	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	6.6
	GB33-GW	*water*	*18*	*8/19/2004*	*0.66 mg/L*	*30 mg/L*	*89 ug/L*	*0.78 ug/L*	*1.3 ug/L*	*1.0 ug/L*	*2.4 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-34	GB34-13	soil	11.5-12	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.6
	GB34-GW	*water*	*18.5*	*8/19/2004*	*11 mg/L*	*13 mg/L*	*12,000 ug/L*	*6.8 ug/L*	*30 ug/L*	*160 ug/L*	*940 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*160 ug/L*
GB-35	GB35-14	soil	13.5-14	8/20/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.5
	GB35-22	soil	21.5-22	8/20/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	< 2.5
	GB35-GW	*water*	*18.5*	*8/20/2004*	*< 0.050 mg/L*	*10 mg/L*	*< 50 mg/L*	*3.5 ug/L*	*< 0.50 ug/L*	*1.1 ug/L*	*1.4 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*7.8 ug/L*
GB-36	*GB36-GW*	*water*	*18.5*	*8/20/2004*	*< 0.050 mg/L*	*17 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*1.1 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-37	*GB37-GW*	*water*	*18*	*8/20/2004*	*< 0.050 mg/L*	*5.5 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*12 ug/L*
GB-38	*GB38-GW*	*water*	*18*	*8/20/2004*	*< 0.050 mg/L*	*5.6 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*9.7 ug/L*
GB-39	GB39-16	soil	15.5-16	8/20/2004	7.8	< 1.0	44,000	9.9	57	290	540	< 5.0 (TBA < 50)	< 5.0	< 2.5
	GB39-GW	*water*	*18.5*	*8/20/2004*	*0.41 mg/L*	*6.9 mg/L*	*340 ug/L*	*1.3 ug/L*	*3.6 ug/L*	*2.9 ug/L*	*15 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-40	*GB40-GW*	*water*	*18.5*	*8/20/2004*	*< 0.050 mg/L*	*4.0 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*14 ug/L*
GB-41	*GB41-GW*	*water*	*18*	*8/20/2004*	*< 0.050 mg/L*	*3.1 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*

5 oxygenates - MTBE, ETBE, TAME, TBA, DIPE
< 0.5 : laboratory reporting limit, non-detected above that limit

mg/kg : milligrams per kilogram (parts per million)
ug/L : micrograms per liter (parts per billion)

mg/L : milligrams per liter (parts per million)
ug/kg : micrograms per kilogram (parts per billion)

NA : not analyzed
Water samples are italicized

Table 3
Summary of Analytical Results
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Sample Location	Sample ID	Sample Matrix	Sample Depth (feet bgs)	Sample Date	TPH Diesel	TPH Motor Oil	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	5 Oxygenates	1,2-DCA	Total Lead
Soil Borings														
MW-1	MW1-26	soil	25.5-26	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	7.4 mg/kg
MW-2	MW2-26	soil	25.5-26	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	9.2 mg/kg
MW-3	MW3-26	soil	25.5-26	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	10 mg/kg
MW-4	MW4-21	soil	20.5-21	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	11 mg/kg
MW-5	MW5-31	soil	30.5-31	10/12/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	9.2 mg/kg
MW-6	MW6-10.5	soil	10-10.5	12/20/2004	25 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	6.1 mg/kg
	MW6-30	soil	29.5-30	12/20/200	8.5 mg/kg	<1.0 mg/kg	<1,000 ug/kg	160 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	5.6 mg/kg
Domestic Well														
Sing	DW-Sing	water	---	11/13/2003	< 0.050 mg/L	< 0.050 mg/L	< 50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 1.0 ug/L	< 0.50 ug/L (TBA < 5.0 ug/L)	NA	NA
Sing	DW-Sing04	water	---	8/20/2004	< 0.050 mg/L	0.053 mg/L	< 50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 1.0 ug/L	< 0.50 ug/L (TBA < 5.0 ug/L)	NA	< 5.0 ug/L
Sing	DWSing-05Q1	water	---	1/10/2005	< 0.050 mg/L	< 0.050 mg/L	< 50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 1.0 ug/L	< 0.50 ug/L (TBA < 5.0 ug/L)	< 0.50 ug/L	< 5.0 ug/L

5 oxygenates : MTBE, ETBE, TAME, TBA, DIPE

< 0.5: laboratory reporting limit, non-detected above that limit

mg/kg : milligrams per kilogram (parts per million)

ug/L : micrograms per liter (parts per billion)

mg/L : milligrams per liter (parts per million)

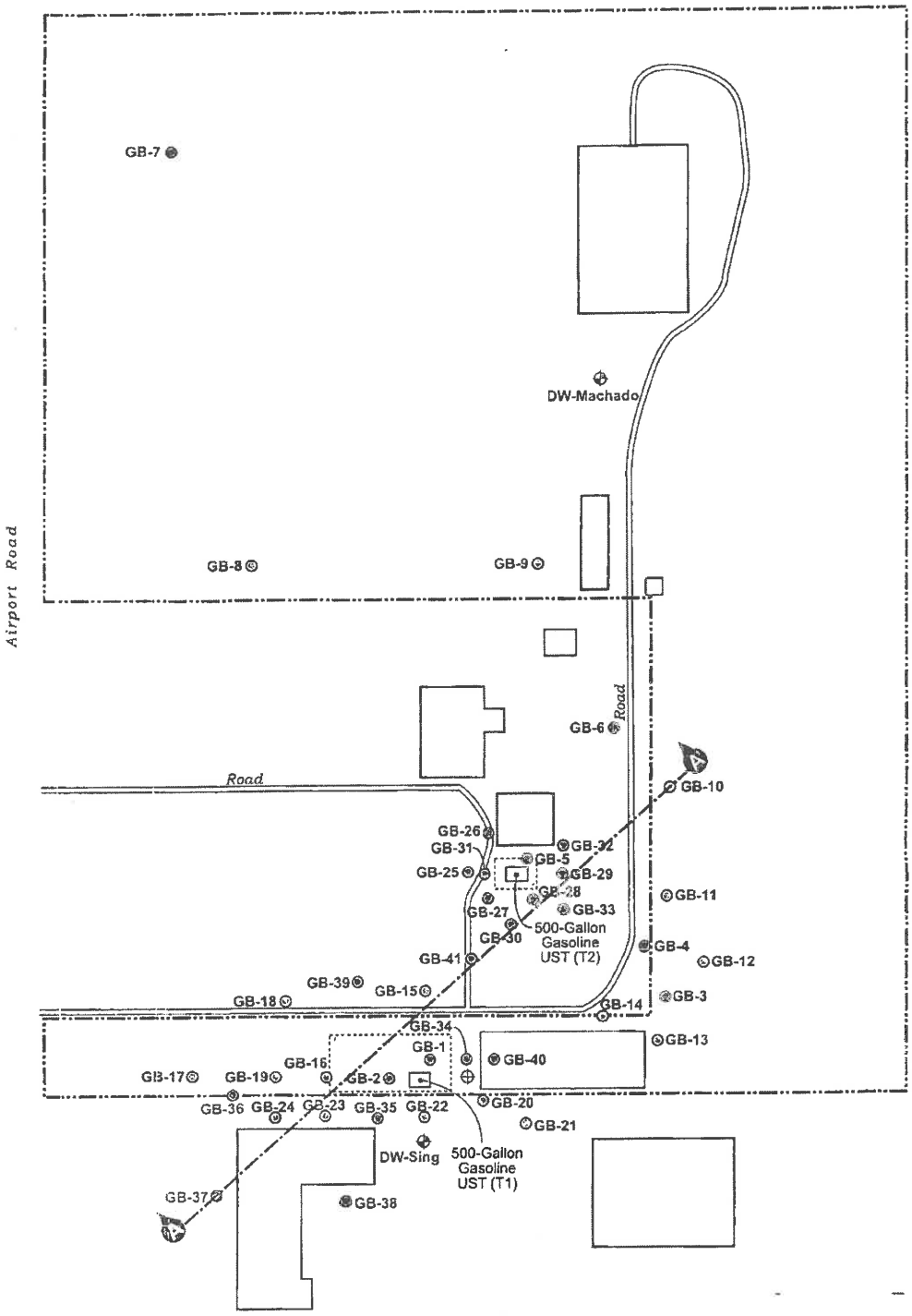
ug/kg : micrograms per kilogram (parts per billion)

NA : not analyzed

bgs : below ground surface

ATTACHMENT C

GEOLOGIC CROSS SECTION AND SURFACE TRACE LOCATION MAP



APPROXIMATE SCALE: 1-inch = 70-feet

0 70 140

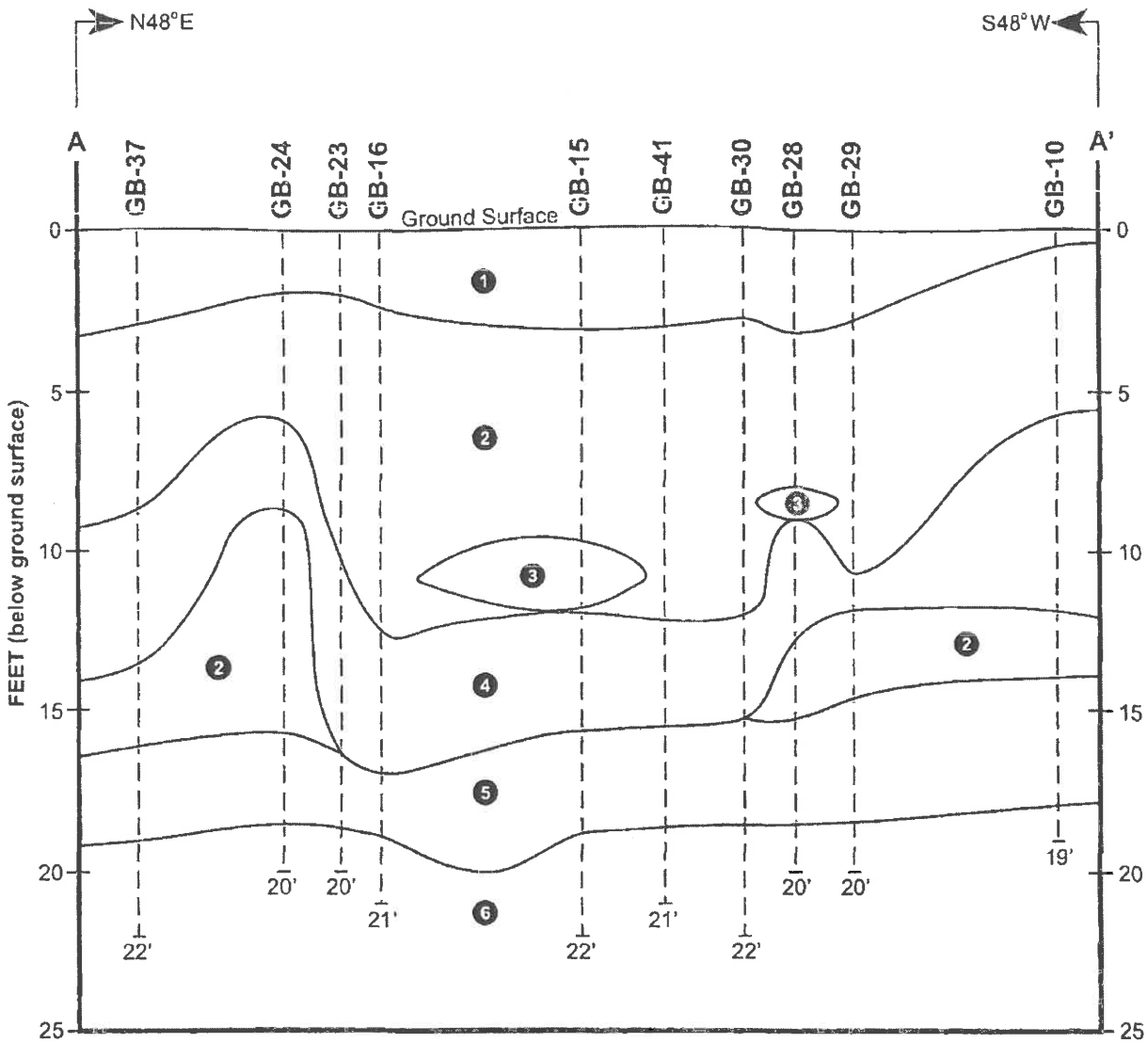
KLEINFELDER

Drawn By: D. Shelhart
Project No. 47359-002

Date: 9-29-2004
Filename: 2856o.fh10

A-A' SECTION LINE
MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
4



UNIT	MATERIAL DESCRIPTION
1	**Clayey SILT/Silty CLAY** (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity, some fine sand
2	**Sandy SILT** (ML): Light brown, moist, hard, fine sand, low plasticity, some iron oxidation, weakly cemented, some white caliche stringers throughout
3	**Silty SAND** (SM): Olive-brown, moist, medium dense, fine sand
4	**Clayey SILT/Silty CLAY** (ML/CL): Gray-brown, moist, hard, low plasticity, trace to with fine sand, weakly cemented, some white caliche stringers
5	**Silty SAND** (SM): Gray-green; saturated/wet, medium dense, fine sand, weakly cemented
6	**Sandy SILT** (ML): Light brown, moist, hard, very low plasticity, trace to some clay, white caliche stringers, weakly to moderately cemented

Horizontal Scale: 1"=70'
Vertical Scale: 1"=5'

KLEINFELDER

Drawn By: D. Shelhart
Project No. 47359-002
Date: 9-29-2004
Filename: 2856p.fh10

CROSS SECTION A-A'
MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
5

ATTACHMENT D

WELL CONSTRUCTION DETAILS AND SOIL BORING LOGS

TABLE 1
WELL CONSTRUCTION DETAIL SUMMARY
Beazer Machado Residence - 3600 Airport Road, Sacramento

Well I.D.	Install Date	Top of Casing Elevation (feet MSL)	Total Depth (feet)	Well Diameter (inches)	Screen Intrerval (feet bgs)	Screen Slot size (inches)	Well Casing Material	Drilling Method
MW-1	10/11/04	16.29	25.5	2	15-25	0.020	Sch. 40 PVC	HSA
MW-2	10/11/04	16.42	25.5	2	15-25	0.020	Sch. 40 PVC	HSA
MW-3*	10/11/04	17.15	25.5	2	15-25	0.020	Sch. 40 PVC	HSA
MW-3B	09/09/08	17.58	36	2	20.5-35.5	0.010	Sch. 40 PVC	HSA
MW-4	10/11/04	16.74	25	2	14.5-24.5	0.020	Sch. 40 PVC	HSA
MW-5	10/12/04	17.46	30.5	2	15-30	0.020	Sch. 40 PVC	HSA
MW-6	12/20/04	17.32	30	2	14.5-29.5	0.020	Sch. 40 PVC	HSA

Notes:

bgs = below ground surface

MSL = mean sea level

HSA = hollow stem auger

* = Well destroyed prior to September 2008.

All wells surveyed by Morrow Surveying March 17, 2005; revised September 23, 2008.

Information prior to October 2012 was obtained from the Wallace Kuhl & Associates *First Quarter 2012 Groundwater Monitoirng Report*, dated April 30, 2012.

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 17 feet below existing site grade and finally at a depth of 23 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	Sample Type	Sample No.	FIELD Blows/ft	FIELD PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						Sandy SILT (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10			35	0		some clay, minor iron oxidation	
15			21	0		Silty SAND (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20			21	0		Clayey SILT (ML): Gray-brown, moist, hard, weakly cemented, low to moderate plasticity	
25		MW1-26	19	0		some fine sand, low plasticity	
30						Boring completed at a depth of approximately 26 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005

Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-1

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
6

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 18 feet below existing site grade and finally at a depth of 23 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
						Sandy SILT (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
5							
						Silty SAND (SM): Olive-brown, moist, medium dense, fine sand, moderately iron oxidized	
10			22	0			
						Sandy SILT (ML): Light brown, moist, hard, weakly cemented, fine sand, low plasticity, some iron oxidation	
15			18	0			
						Silty SAND (SM): Olive-brown, very moist/wet, medium dense, fine sand, some iron oxidation	
						Sandy Clayey SILT (ML): Light to olive-brown, moist, very stiff, low plasticity, fine sand, trace white caliche stringers, some iron oxidation	
20			16	0			
25		MW2-26	19	0		olive-brown, slightly increased sand content, decreasing clay	
						Boring completed at a depth of approximately 26 feet below existing site grade.	
30							

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-2

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
7

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 19 feet below existing site grade and finally at a depth of 24-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
5						**Clayey SILT/Sandy SILT** (ML): Light brown, moist, **medium stiff**, fine **sand**, **low** plasticity (FILL)	
						BACKFILL SOIL (UST Excavation)	
10							
15							
						Silty SAND (SM): Gray-green, very moist to **wet**, **dense**, fine **sand**, **weakly cemented**, hydrocarbon **odor present**	
20			30	519		**Sandy SILT** (ML): Gray-green, moist, hard, **weakly cemented**, **some white caliche stringers**, hydrocarbon odor **present**	
						Clayey SILT (ML): Brown, moist, **very stiff** to hard, trace fine **sand**, moderately **iron oxidized**	
25		MW3-26	29	0		Boring completed at a depth of approximately 26 feet below existing site grade.	
30							

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-3

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
8

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 18 feet below existing site grade and finally at a depth of 23-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						Sandy SILT (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10			14	0		some clay, minor iron oxidation, trace white caliche stringers	
15			15	0			
						Silty SAND (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20		MW4-21	20	0		**Clayey SILT** (ML): Gray-brown, moist, hard, weakly cemented, low to moderate plasticity	
25			27	0		no sample recovery	
30						Boring completed at a depth of approximately 26 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005

Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-4

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
9

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 17 feet below existing site grade and finally at a depth of 24-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/12/2004

Logged By: S. Dalton

Total Depth: 31 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						**Sandy SILT** (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10							
15			15	0		**Silty SAND** (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20			26	0		**Clayey SILT/Silty CLAY** (ML/CL): Light gray-brown, moist, hard, weakly cemented, white caliche stringers throughout, moderately iron oxidized, low to moderate plasticity	
25			21	0		**Silty SAND** (SM): Brown, wet, medium dense, fine sand, weakly cemented, minor iron oxidation	
30		MW5-31	22	0		**Clayey SILT** (ML): Gray-brown, moist, very stiff, low to moderate plasticity, trace white caliche stringers	
						Silty SAND (SM): Olive-brown, moist, medium dense, fine sand, weakly cemented	
						Boring completed at a depth of approximately 31 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005

Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-5

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
10

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 16-1/2 feet below existing site grade and finally at a depth of 28 feet.

Method: Hollow Stem Auger

Equipment: MARL M-5 RINO (Limited Access Direct Push Sample

Date Completed: 12/20/2004

Logged By: R. Padgett

Total Depth: 30 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
5				0		**Silty CLAY** (CL): Dark brown to yellow-brown, moist, soft, with medium sand, moderate plasticity	
						Clayey SILT (ML): Light brown with red-brown mottling, moist, medium stiff to hard, some medium sand, low plasticity	
						trace subrounded gravel to 1/2 inch diameter, iron oxide staining present	
10		MW-6-10.5		0		increasing medium sand	
						Silty CLAY (CL/CH): Olive-gray, moist, soft, moderate to high plasticity	
15				0			
						Silty SAND (SM): Brown to yellow-brown, wet, medium dense, fine to medium sand, some iron oxide staining	
20				0		**Clayey SILT** (ML): Light brown with orange mottling, moist, stiff, trace subangular fine gravel, iron oxide staining present, low plasticity	
25				0			
30		MW6-30		0		Boring completed at a depth of approximately 30 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-6

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
11

SAC 2004 47359.GPJ 3/30/05

ATTACHMENT E

HISTORICAL SOIL VAPOR SAMPLING DATA

Attachment 1
Summary of Soil Vapor Analytical Results

Sample Location	Depth (feet bgs)[b]	Date Sampled	Analyte[a] Benzene ($\mu g/m^3$)[c]	Toluene ($\mu g/m^3$)	Ethylbenzene ($\mu g/m^3$)	m,p-Xylene ($\mu g/m^3$)	o-Xylene ($\mu g/m^3$)
SV1	3.5-4.0	2/11/05	2.4	2.3	0.4	1.1	0.4
SV2	4.0	2/11/05	1.7	2.1	ND[d] (0.8)	ND (1.5)	ND (0.8)
SV3	4.0	11/22/04	1.0	1.7	0.7	2.2	0.9
SV4	4.0	11/22/04	1.3	1.8	0.9	2.5	0.9
SV5	4.0	11/22/04	4.1	7.4	1.6	5.4	2.2
SV6	3.0-4.0	11/22/04	2.9	4.4	0.9	3.2	1.1

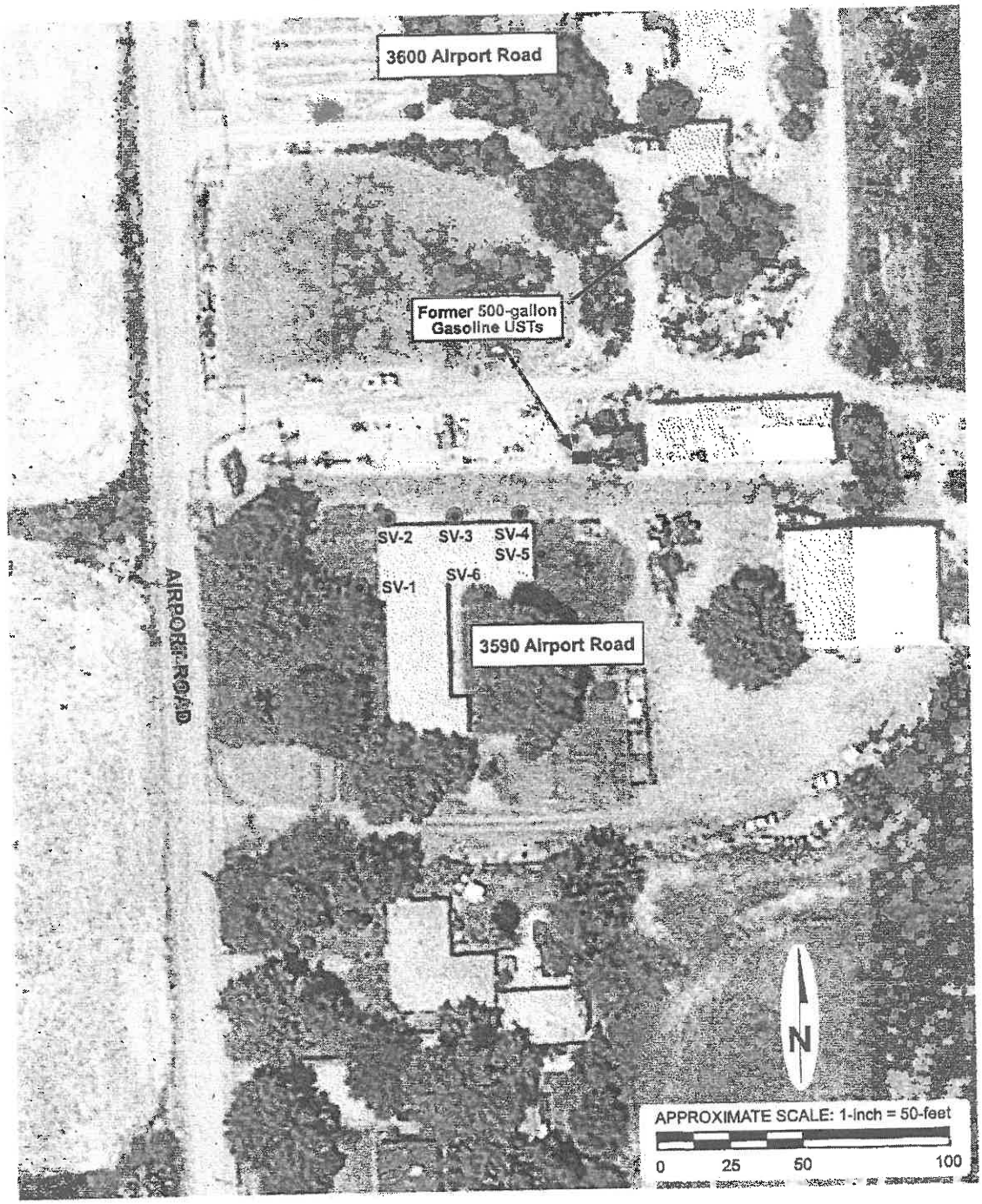
Notes:

[a] Samples collected and analyzed on same day by Air Toxics, Ltd. using US EPA Method TO-15.

[b] feet bgs – feet below grade surface.

[c] $\mu g/m^3$ – micrograms per cubic meter.

[d] ND – not detected (value enclosed in parentheses is detection limit).



KLEINFELDER

Drawn By: D. Anderson	Date: 6-01-2005
Project No. 47359-002	Filename: 2856n3.fh10

BORING LOCATION MAP

SING PROPERTY
3590 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
2

ATTACHMENT F

SING WELL APPLICATION FOR WELL DESTRUCTION

WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT – ENVIRONMENTAL COMPLIANCE DIVISION
10590 ARMSTRONG AVENUE • SUITE A • MATHER, CA 95655
TELEPHONE (916) 875-8400 FAX: (916) 875-8513

AWP

WELL INSPECTION LINE: (916) 875-8524

IS THIS PERMIT FOR A HAZARDOUS SUBSTANCE INVESTIGATION? ☐ YES ☐ NO

FOR OFFICE USE ONLY			EXPEDITED PROCESSING? ☐ YES ☐ NO
☐ APPROVED ☒ APPROVED W/ CONDITIONS (ATTACHED)			PERMIT NUMBER(S): 516061
BY: C. HENLEY	DATE: 6/3/15		DATE RECEIVED: 5/27/15 TOTAL FEE: $746.00
INITIAL GROUT BY:	DATE:		RECEIPT NO: IN319065 DEPTH TO WATER:
FINAL INSPECTION BY:	DATE:		WELL DEPTH: GROUT DEPTH:
DESTRUCTION BY: JJB	DATE: 6/26/15		GPS: N: 38 W: 121
* COMMENTS: Please see attached conditions.			

SITE ADDRESS:	**3590 Airport Road**	**Sacramento**	**CA 95834**
Job Address:	**38.633138° -121.513419°**	Nearest Major Cross Street:	**San Juan Ave**
Property Owner:	**John Sing** J/ Family Trust	Parcel Number(s):	**225-0180-013-0000**
Well Contractor:	**Hedman Drilling**	CA License No:	**800802** Exp 11-30-15
Contractor's Address:	**PO Box 293655, Sacramento, CA 95829**		
Well Boring Identificaton Number(s):	**WD#2**	AWP #516035	

70, 18 D1 SAC 20C 32E

TYPE OF WORK: (California C-57 Licenserequired unless noted otherwise)

☐ Well construction ☐ Vault box repair (General A or B) ☒ Well destruction (SUPPLEMENT REQUIRED)
☐ Pump replacement (or C-61) ☐ Well repair ☐ Exploratory boring (C-57 if water present)
☐ Well inactivation (Owner only) ☐ Pump repair (or C-61) ☐ Other: _____

INTENDED USE:

☐ Domestic/private ☐ Dewatering ☐ Geotechnical boring
☐ Irrigation/agricultural ☐ Cathodic protection ☐ Environmental boring
☐ Water/vapor monitoring/extraction ☐ Heat exchange ☐ Other:
☐ Public water system: _____
(NAME OF WATER PURVEYOR WITH CONTACT NAME AND TELEPHONE NUMBER)

DRILLING METHOD:

☐ Mud rotary ☐ Air rotary ☐ Cable tool ☐ Auger ☐ Driven ☐ Other: _____

SETBACKS: (Wells only)

Is the well located within 50 feet of a: ☐ sewer line, ☐ stream, ☐ ditch, ☐ drainage course, ☐ pond, or ☐ lake? ☐ No
Is the well located within 100 feet of a: ☐ septic tank, ☐ leach line, ☐ deep trench, or ☐ animal enclosure? ☐ No

SPECIFICATIONS:

BOREHOLE: Diameter: Depth: CASING: Diameter: Depth:
Diameter: Depth: CASING: Diameter: _____ Depth: _____
CONDUCTOR: Diameter: Depth: IF STEEL: Gauge: _____ or Thickness:
ANNULAR SEAL: Depth: Material: IF PLASTIC: Type: _____ (Must meet ASTM F-480)
TRANSITION SEAL: Material: _____ MULTIPLE COMPLETION? ☐ Yes **(DIAGRAM REQUIRED)**
COMMENTS:

PUMP INSTALLATION/REPAIR:

Contractor:
License Number: Type of pump: Horsepower:

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating wells and pumps, **call (916) 875-8524 for a grout inspection at least 24 hours prior to the requested appointment time**, submit a "Well Completion Report" (if required) within 60 days of the completion of my work so a final inspection can be made, and obtain WPD approval before placing a well in service.

SIGNATURE: ☐ Property Owner
PRINTED NAME: DAN HEDMAN ☒ Well Contractor OL ORBC
COMPANY: HEDMAN DRILLING ☐ Agent **(REQUIRES AUTHORIZATION FORM)**
MAILING ADDRESS: PO BOX 293655, SACRAMENTO, CA 95829
PHONE NUMBER: 916-383-3636 FIELD PHONE: 916-402-7598

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLCATION.
PERMIT EXPIRES ONE (1) YEAR AFTER DATE APPROVED (UNLESS EXTENDED)

dan@hedmandrilling.com

WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT – ENVIRONMENTAL COMPLIANCE DIVISION
10590 ARMSTRONG AVENUE • SUITE A • MATHER, CA 95655
TELEPHONE (916) 875-8400 FAX: (916) 875-8513

WELL INSPECTION LINE: (916) 875-8524

IS THIS PERMIT FOR A HAZARDOUS SUBSTANCE INVESTIGATION? ☐ YES ☐ NO

FOR OFFICE USE ONLY			
☐ APPROVED ☒ APPROVED W/ CONDITIONS (ATTACHED)		EXPEDITED PROCESSING?	☐ YES ☐ NO
BY: DSN	DATE: 5/12/15	PERMIT NUMBER(S):	54578
INITIAL GROUT BY: DLH	DATE: 5/5/15	DATE RECEIVED: 8-1-14	TOTAL FEE: 0
FINAL INSPECTION BY:	DATE:	RECEIPT NO: 0036353	DEPTH TO WATER:
DESTRUCTION BY: DLH	DATE: 5/5/15	WELL DEPTH:	GROUT DEPTH:
COMMENTS:		GPS: N: 38	W: -121

SITE ADDRESS:	**3590 Airport Road**		**Sacramento**	**CA**	**95834**
Job Address:	38.633131°	-121.513349°	Nearest Major Cross Street:	**Tanzanite Ct. AVE**	
Property Owner:	**John**	**Sing**	Parcel Number(s):	**225-0180-013-0000**	
Well Contractor:	**HEDMAN DRILLING**		CA License No:	**800802**	
Contractor's Address:	**PO BOX 293655, SACRAMENTO, CA 95829**				
Well Boring Identification Number(s):	WELL DESTRUCTION				

(Exp 11-30-15) DSN W/Cert. 5/1/15

TYPE OF WORK: (California C-57 License required unless noted otherwise)

☐ Well construction ☐ Vault box repair (General A or B) ☒ Well destruction (SUPPLEMENT REQUIRED)
☐ Pump replacement (or C-61) ☐ Well repair ☐ Exploratory boring (C-57 if water present)
☐ Well inactivation (Owner only) ☐ Pump repair (or C-61) ☐ Other:

INTENDED USE:

☐ Domestic/private ☐ Dewatering ☐ Geotechnical boring
☐ Irrigation/agricultural ☐ Cathodic protection ☐ Environmental boring
☐ Water/vapor monitoring/extraction ☐ Heat exchange ☐ Other:
☐ Public water system: _____
(NAME OF WATER PURVEYOR WITH CONTACT NAME AND TELEPHONE NUMBER)

DRILLING METHOD:

☐ Mud rotary ☐ Air rotary ☐ Cable tool ☐ Auger ☐ Driven ☐ Other: _____

SETBACKS: (Wells only)

Is the well located within 50 feet of a: ☐ sewer line, ☐ stream, ☐ ditch, ☐ drainage course, ☐ pond, or ☐ lake? ☐ No
Is the well located within 100 feet of a: ☐ septic tank, ☐ leach line, ☐ deep trench, or ☐ animal enclosure? ☐ No

SPECIFICATIONS:

BOREHOLE: Diameter: Depth: CASING: Diameter: Depth:
Diameter: Depth: CASING: Diameter: Depth:
CONDUCTOR: Diameter: Depth: IF STEEL: Gauge: _____ or Thickness:
ANNULAR SEAL: Depth: Material: IF PLASTIC: Type: (Must meet ASTM F-480)
TRANSITION SEAL: Material: _____ MULTIPLE COMPLETION? ☐ Yes **(DIAGRAM REQUIRED)**
COMMENTS:

PUMP INSTALLATION/REPAIR:

Contractor:
License Number: Type of pump: Horsepower:

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating wells and pumps, **call (916) 875-8524 for a grout inspection at least 24 hours prior to the requested appointment time**, submit a "Well Completion Report" (if required) within 60 days of the completion of my work so a final inspection can be made, and obtain WPD approval before placing a well in service.

SIGNATURE: [signature] ☐ Property Owner
PRINTED NAME: **DAN HEDMAN** ☒ Well Contractor
COMPANY: **HEDMAN DRILLING** ☐ Agent **(REQUIRES AUTHORIZATION FORM)**
MAILING ADDRESS: **PO BOX 293655, SACRAMENTO, CA 95829**
PHONE NUMBER: **916-383-3636** FIELD PHONE: **916-402-7598**

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION.
PERMIT EXPIRES ONE (1) YEAR AFTER DATE APPROVED (UNLESS EXTENDED)

ATTACHMENT G

HISTORICAL GROUNDWATER ELEVATION DATA

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Beazer Machado Residence - 3600 Airport Road, Sacramento

Well ID	Date Collected	Well Elevation (ft msl)	Depth to Water (feet)	Groundwater Elevation (ft msl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	Naphthalene (µg/L)
MW-1	01/10/05	16.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/08/06		18.19	-1.90	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/09/06		15.28	1.01	<50	<50	<0.50	<0.50	<0.50	<1.0	0.54	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/14/06		15.58	0.71	<50	<50	<0.50	<0.50	<0.50	<1.0	0.75	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/14/06		15.91	0.38	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		15.32	0.97	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/16/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/05/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/26/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/08/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/02/11		15.11	1.18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		14.91	1.38	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	11/13/12		15.41	0.88	110[1,2]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	02/05/13		14.38	1.91	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/13/13		15.33	0.96	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/14		15.49	0.80	Well Blockage at 15.77 Depth to Water - No Sample Collected												
	09/12/14		--	--	Well Blockage at 15.77 Depth to Water - No Sample Collected												
	03/24/15		15.66	0.63	Well Blockage at 15.77 Depth to Water - No Sample Collected												
MW-2	01/10/05	16.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/08/06		18.36	-1.94	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/09/06		15.35	1.07	<50	82	<0.50	<0.50	<0.50	1.1	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/14/06		15.71	0.71	<50	79	0.55	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/14/06		15.95	0.47	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		15.45	0.97	<50	68	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/16/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/05/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/26/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/08/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/02/11		15.17	1.25	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		14.90	1.52	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	11/13/12		--	--	Unable to Locate Well												
	02/05/13		14.41	2.01	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/13/13		15.44	0.98	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/14		15.65	0.77	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/12/14		16.62	-0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/15		15.80	0.62	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	<1.0	<2.0

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Beazer Machado Residence - 3600 Airport Road, Sacramento

Well ID	Date Collected	Well Elevation (ft msl)	Depth to Water (feet)	Groundwater Elevation (ft msl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	Naphthalene (µg/L)
MW-3	01/10/05	17.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/08/06		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/09/06		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/14/06		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/06		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/16/08							Well Destroyed									
MW-3B	09/16/08	17.58	27.14	-9.56	<50	<50	<0.50	<0.50	<0.50	<1.0	1.9	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/05/08		27.62	-10.04	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/26/09		26.61	-9.03	<50	<50	1.6	<0.50	1.5	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/08/09		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	
	12/02/11		16.27	1.31	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		16.02	1.56	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	11/13/12		16.65	0.93	470[1,2]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	02/05/13		15.53	2.05	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/13/13		16.55	1.03	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/14		16.85	0.73	230[1,3]/62*[1,3]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/12/14		17.75	-0.17	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/15		16.80	0.78	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	<1.0	<2.0
MW-4	01/10/05	16.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/08/06		18.65	-1.91	<50	2,600	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/09/06		15.58	1.16	<50	270	<0.50	<0.50	<0.50	1.1	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/14/06		15.93	0.81	<50	160	0.9	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/14/06		15.23	1.51	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		15.72	1.02	<50	80	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/16/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/05/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/26/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/08/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/02/11		15.45	1.29	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		15.18	1.56	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	--	--
	11/13/12		15.83	0.91	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	02/05/13		14.69	2.05	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/13/13		15.71	1.03	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/14		15.98	0.76	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/12/14		17.00	-0.26	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/15		16.03	0.71	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	<1.0	<2.0

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Beazer Machado Residence - 3600 Airport Road, Sacramento

Well ID	Date Collected	Well Elevation (ft msl)	Depth to Water (feet)	Groundwater Elevation (ft msl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	Naphthalene (µg/L)
MW-5	01/10/05	17.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		26.52	-9.06	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/08/06		19.22	-1.76	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/09/06		16.31	1.15	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/14/06		16.66	0.80	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/14/06		16.98	0.48	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		16.44	1.02	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/16/08		27.33	-9.87	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/05/08		27.87	-10.41	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/26/09		26.84	-9.38	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/08/09		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	
	12/02/11		16.17	1.29	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		15.88	1.58	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	--	--
	11/13/12		16.60	0.86	190[1,2]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	02/05/13		15.43	2.03	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/13/13		16.47	0.99	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/14		16.70	0.76	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/12/14		17.66	-0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/15		16.70	0.76	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	<1.0	<2.0
MW-6	01/10/05	17.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		26.43	-9.11	<50	210	0.73	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	2.9	--
	03/08/06		19.08	-1.76	<50	1,200	31	4.3	<0.50	1.5	<0.50	<5.0	<5.0	<5.0	<5.0	5.6	--
	06/09/06		16.25	1.07	<50	810	33	1.5	0.57	3.1	<0.50	<5.0	<5.0	<5.0	<5.0	2.7	--
	09/14/06		16.52	0.80	<50	210	32	0.5	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	2.2	--
	12/14/06		17.95	-0.63	<50	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		16.35	0.97	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	5.4	--
	09/16/08		27.40	-10.08	<50	480	1.6	<0.50	<0.50	<0.50	<0.50	<5.0	1.7	<5.0	<5.0	22	--
	12/05/08		27.79	-10.47	<50	440	10	4.1	<0.50	<0.50	<0.50	<5.0	1.5	<5.0	<5.0	31	--
	03/26/09		26.78	-9.46	<50	2,100	120	3.3	1.4	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/08/09		--	--	--	1,200	55	4.8	0.69	<0.50	<0.50	<5.0	0.67	<5.0	<5.0	35	--
	12/02/11		16.07	1.25	63	66	<0.50	<0.50	<0.50	<0.50	<0.50	10	1.0	<5.0	<5.0	39	--
	03/21/12		15.82	1.50	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0	<5.0	<5.0	--	--
	11/13/12		16.51	0.81	130[1,2]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	34	<2.0
	02/05/13		15.34	1.98	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	41	<2.0
	09/13/13		16.35	0.97	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	59	<4.0[3]
	03/20/14		16.62	0.70	61/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	40	<2.0
	09/12/14		17.58	-0.26	180/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	10	<2.0
	03/24/15		16.62	0.70	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	4.8	<2.0

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Beazer Machado Residence - 3600 Airport Road, Sacramento

Well ID	Date Collected	Well Elevation (ft msl)	Depth to Water (feet)	Groundwater Elevation (ft msl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	Naphthalene (µg/L)
DW-SING	11/13/03		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	08/20/04		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	01/10/05		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/17/05		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/15/05		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/08/05		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/08/06		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/09/06		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/14/06		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/19/07		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/16/08		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/05/08		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/26/09		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/08/09		--	--	62	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/02/11		--	--	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		--	--	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	--	--
	11/13/12		--	--	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	02/05/13		--	--	Well was shut down due to a leaking pipe.												
	09/13/13		--	--	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	03/20/14		--	--	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/12/14		--	--	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	03/24/15		--	--	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	<1.0	<2.0

Notes:

GRO = Gasoline-Range Organics
MTBE = Methyl Tertiary Butuy Ether
TBA = Tertiary Butyl Alcohol
1,2-DCA = 1,2 dichloroethane
ft msl = Feet above mean sea level
DIPE = Di-isopropyl Ether.
TAME = Tertiary Amyl Methyl Ether
ETBE = Ethyl Tertiary Butyl Ether
-- = not measured, not analyzed, or not reported
µg/L = Micrograms per liter

Analytical Methods: **Analytical Methods:**
GRO and DRO analy: GRO and DRO analyzed according to EPA Method 8015. BTEX, MTBE, TBA, DIPE, ETBE, TAME, 1,2-DCA, and napthalene analyzed according to EPA Method 8260.

All wells surveyed by Morrow Surveying March 17, 2005; revised September 23, 2008.

* = DRO result with silica gel cleanup.
[1] = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.
[2] = DRO concentration may include contributions from heavier-end hydrocarbons that elute in the DRO range.
[3] = Reporting limits were increased due to high concentrations of target analytes.

Information prior to October 2012 was obtained from the Wallace Kuhl & Associates *First Quarter 2012 Groundwater Monitoirng Report*, dated April 30, 2012.

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION DATA
3600 AIRPORT ROAD
WKA No. 9272.01

Sample Date	MW-1 TOC Elev. = 16.29		MW-2 TOC Elev. = 16.42		MW-3 TOC Elev. = 17.15		MW-3B TOC Elev. = 17.58	
	DTW (feet)	GW Elev.	DTW (feet)	GW Elev.	DTW (feet)	GW Elev.	DTW (feet)	GW Elev.
1/10/2005	Dry	NA	Dry	NA	Dry	NA	NA	NA
3/17/2005	Dry	NA	Dry	NA	Dry	NA	NA	NA
6/15/2005	Dry	NA	Dry	NA	Dry	NA	NA	NA
12/8/2005	Dry	NA	Dry	NA	Dry	NA	NA	NA
3/8/2006	18.19	-1.90	18.36	-1.94	Dry	NA	NA	NA
6/9/2006	15.28	1.01	15.35	1.07	Dry	NA	NA	NA
9/14/2006	15.58	0.71	15.71	0.71	Dry	NA	NA	NA
12/14/2006	15.91	0.38	15.95	0.47	Dry	NA	NA	NA
3/19/2007	15.32	0.97	15.45	0.97	Dry	NA	NA	NA
9/16/2008	Dry	NA	Dry	NA	Well Destroyed		27.14	-9.56
12/5/2008	Dry	NA	Dry	NA	Well Destroyed		27.62	-10.04
3/26/2009	Dry	NA	Dry	NA	Well Destroyed		26.61	-9.03
12/2/2011	15.11	1.18	15.17	1.25	Well Destroyed		16.27	1.31
3/21/2012	14.91	1.38	14.90	1.52	Well Destroyed		16.02	1.56

Sample Date	MW4 TOC Elev. = 16.74		MW-5 TOC Elev. = 17.46		MW-6 TOC Elev. = 17.32		Groundwater Gradient	Groundwater Flow Direction
	DTW (feet)	GW Elev.	DTW (feet)	GW Elev.	DTW (feet)	GW Elev.		
1/10/2005	Dry	NA	Dry	NA	Dry	NA	--	--
3/17/2005	Dry	NA	Dry	NA	Dry	NA	--	--
6/15/2005	Dry	NA	Dry	NA	Dry	NA	--	--
12/8/2005	Dry	NA	26.52	-9.06	26.43	-9.11	--	--
3/8/2006	18.65	-1.91	19.22	-1.76	19.08	-1.76	--	--
6/9/2006	15.58	1.16	16.31	1.15	16.25	1.07	--	--
9/14/2006	15.93	0.81	16.66	0.80	16.52	0.80	--	--
12/14/2006	15.23	1.51	16.98	0.48	17.95	-0.63	--	--
3/19/2007	15.72	1.02	16.44	1.02	16.35	0.97	--	--
9/16/2008	Dry	NA	27.33	-9.87	27.40	-10.08	--	--
12/5/2008	Dry	NA	27.87	-10.41	27.79	-10.47	--	--
3/26/2009	Dry	NA	26.84	-9.38	26.78	-9.46	--	SE
12/2/2011	15.45	1.29	16.17	1.29	16.07	1.25	0.002	SE
3/21/2012	15.18	1.56	15.88	1.58	15.82	1.50	0.002	SE

Notes:

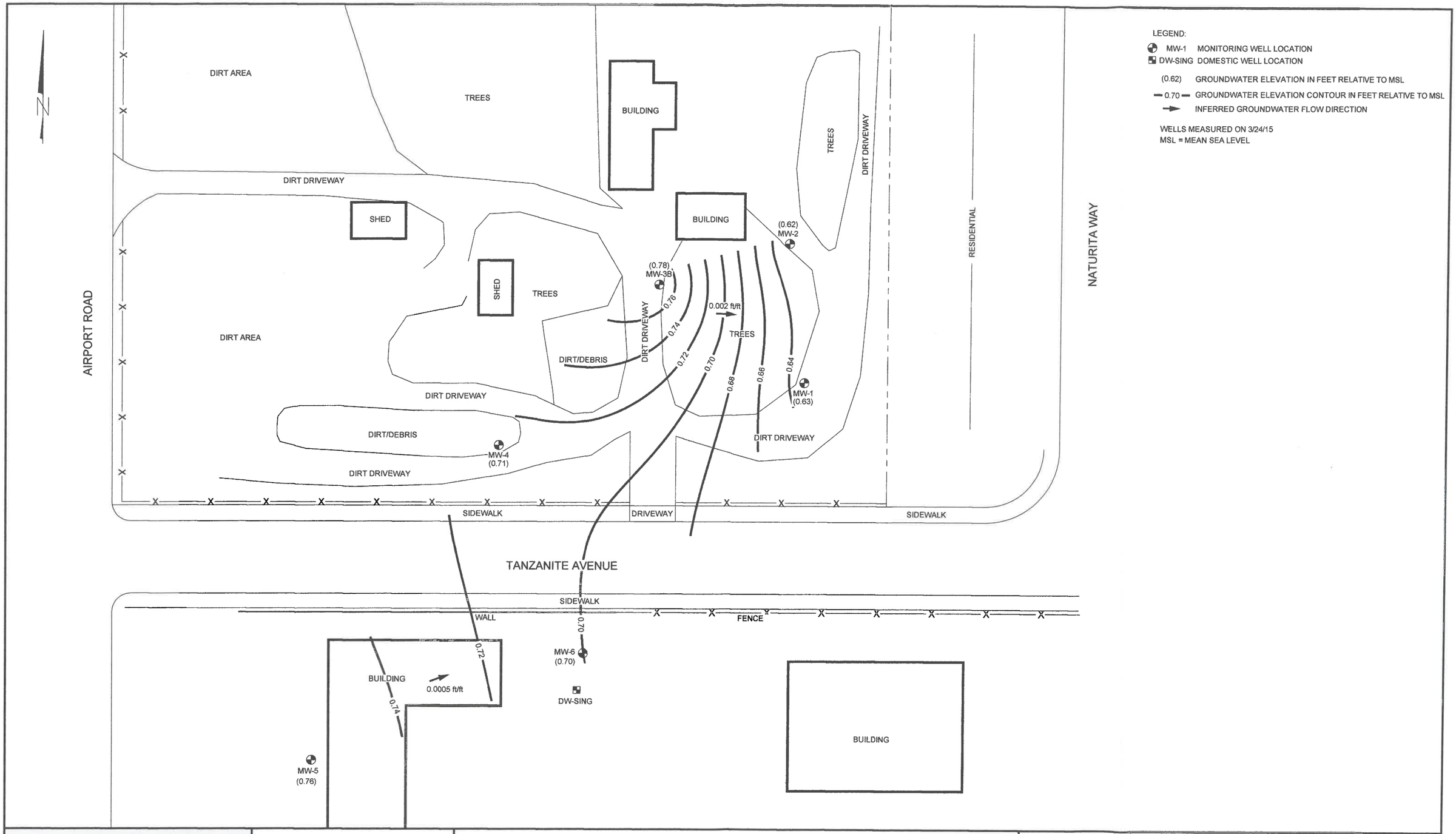
Elev. = Elevation, given in feet above mean sea level (based on survey by Morrow Surveying, Inc.)

-- = not available

GW = Groundwater

ATTACHMENT H

HISTORICAL GROUNDWATER ELEVATION CONTOUR MAPS



STRATUS ENVIRONMENTAL, INC.

PATH NAME: Beazer Homes\Machado\Quarterly figures
DRAFTER INITIALS: JMP
DATE LAST REVISED: October 20, 2014
FILENAME: Machado Quarterly Figures

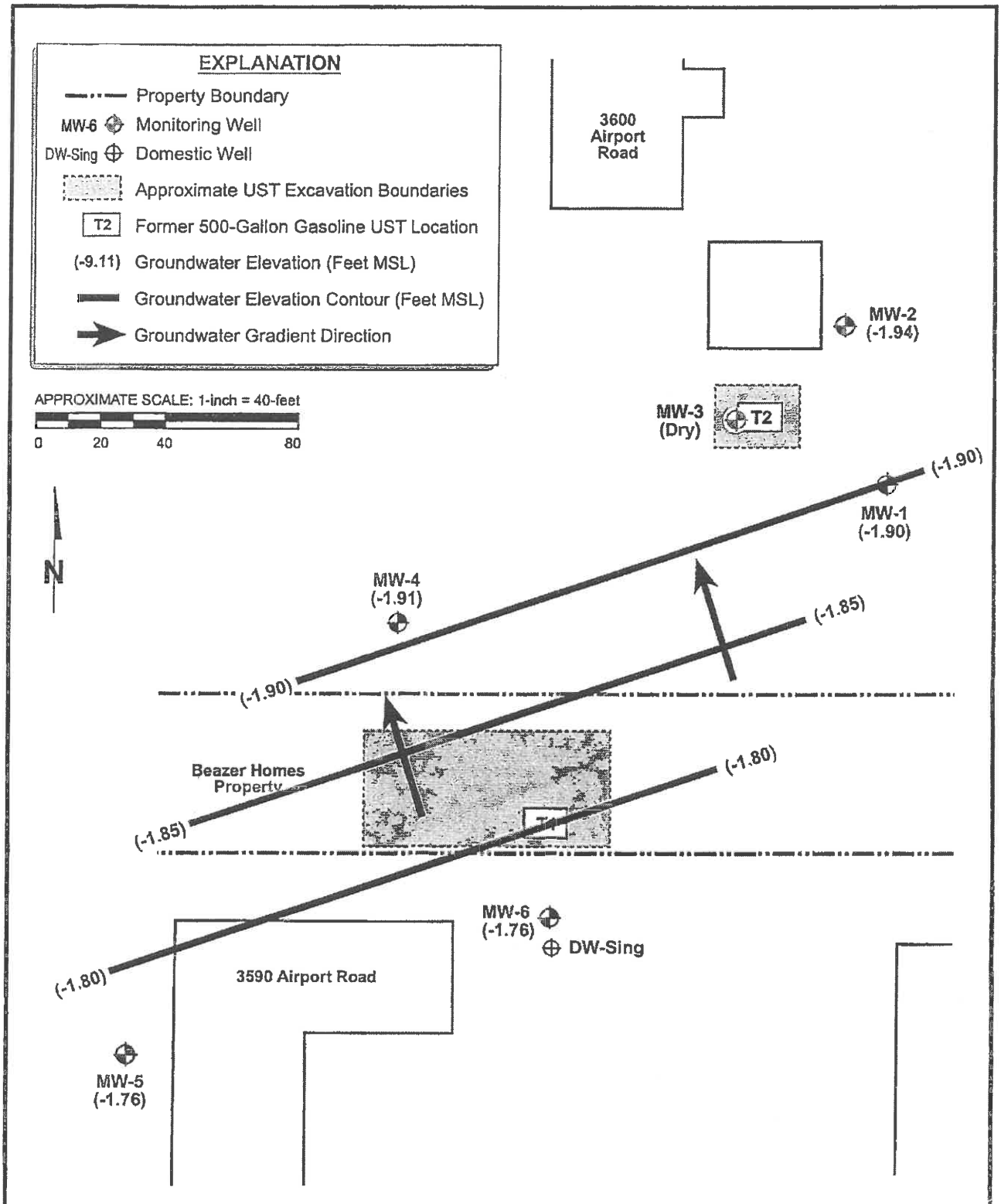
0 40 FT
APPROXIMATE SCALE

BEAZER - MACHADO RESIDENCE
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

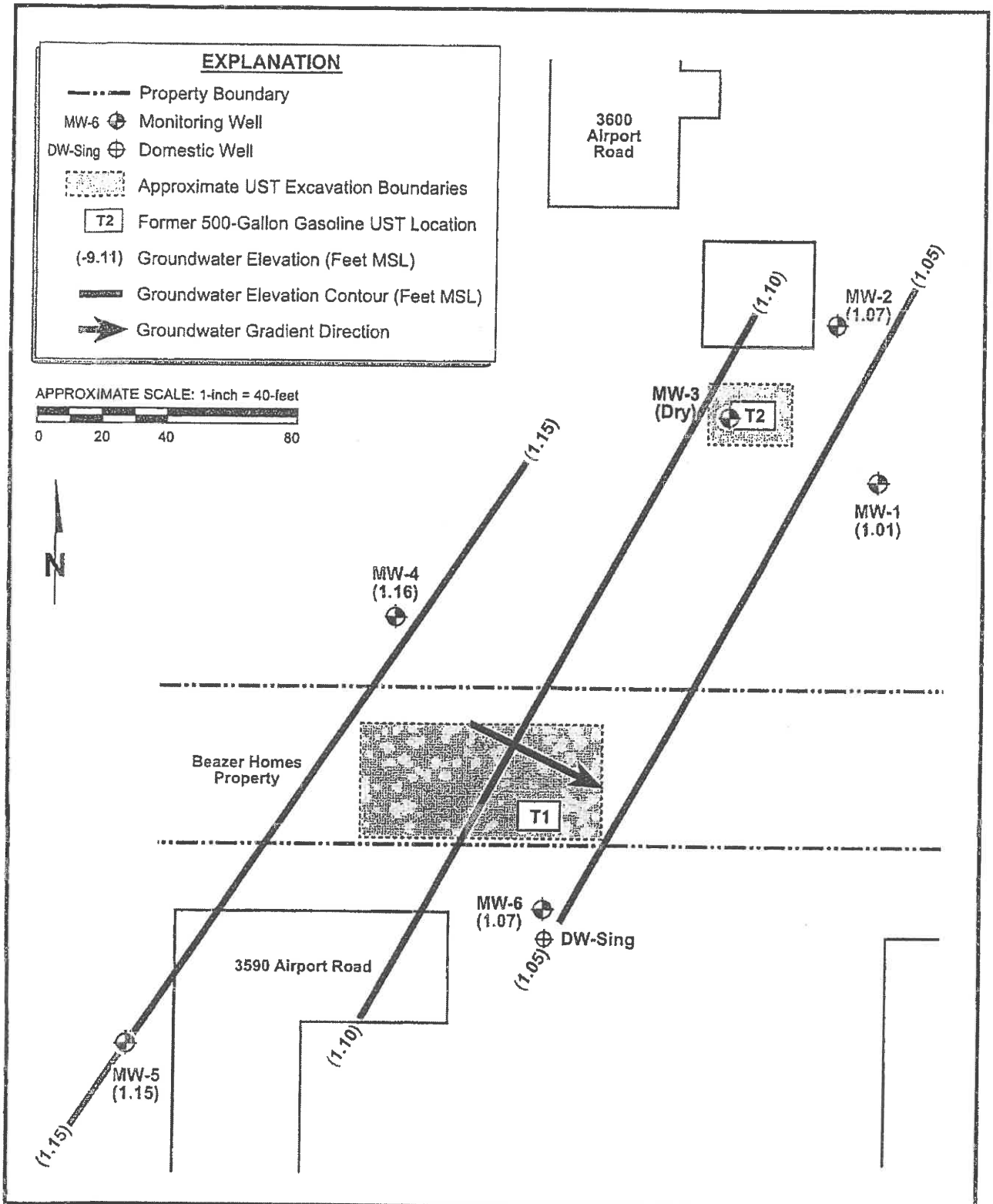
GROUNDWATER ELEVATION CONTOUR MAP
1st QUARTER 2015

FIGURE
2

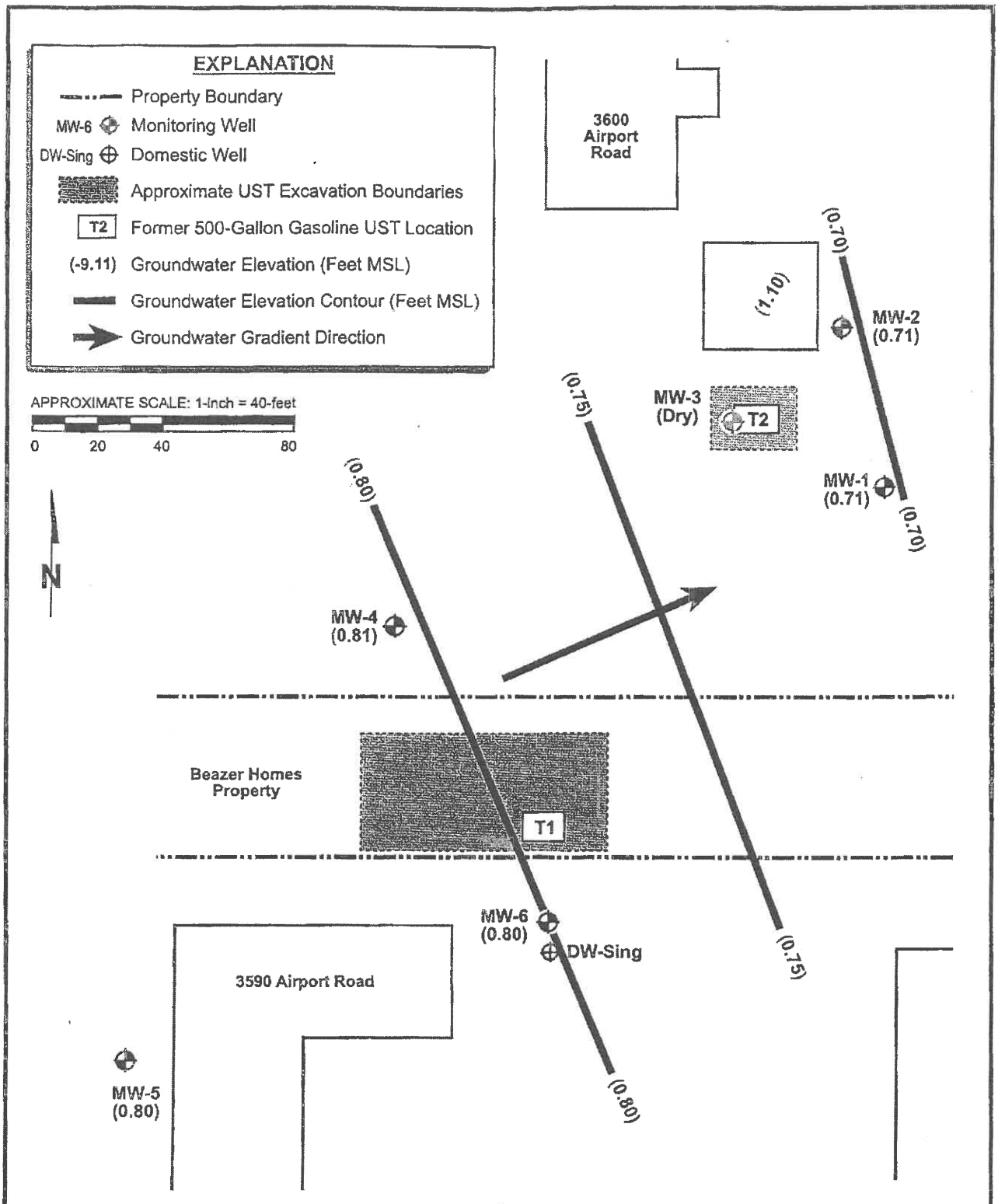
PROJECT NO.
2159-3600-01



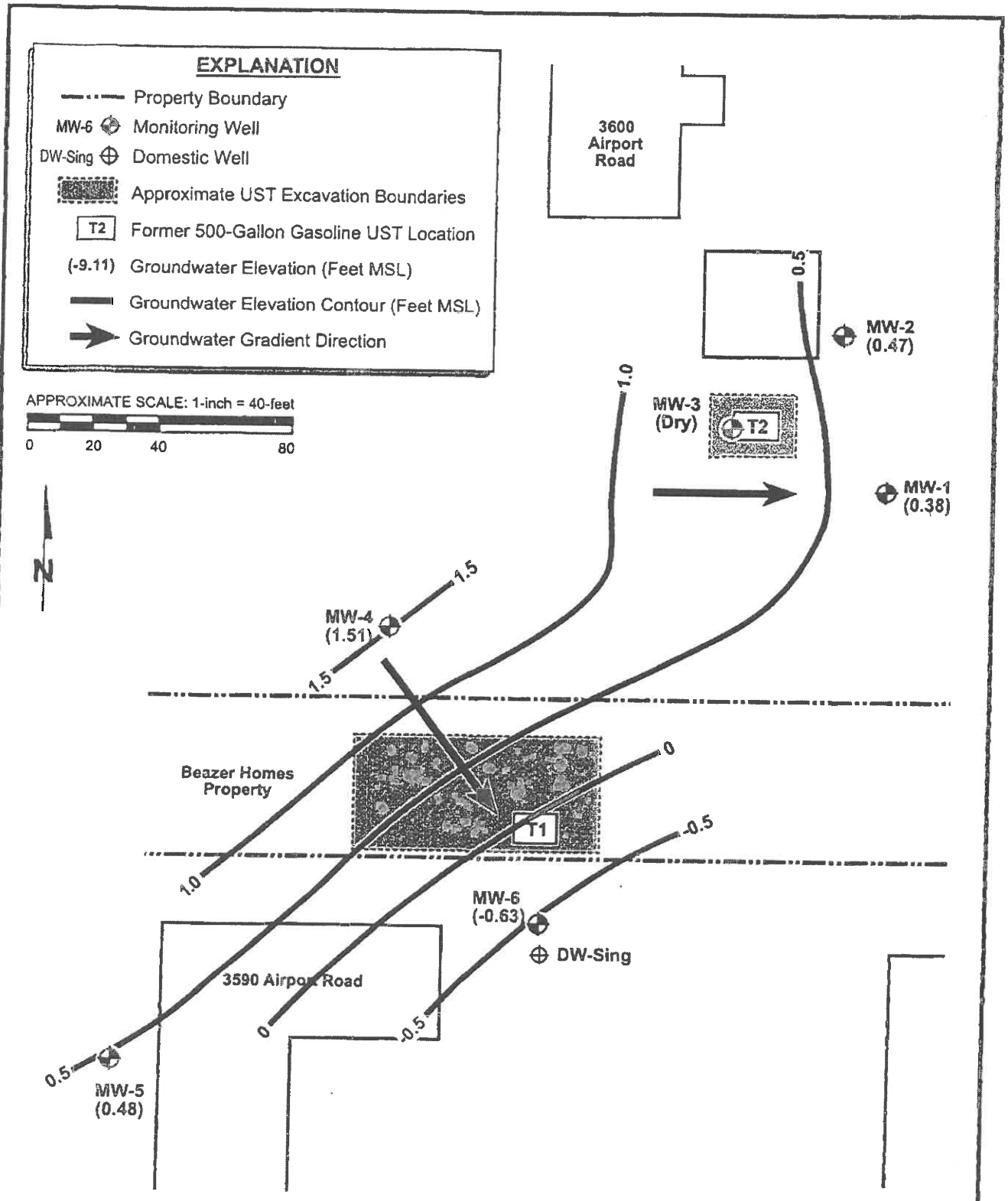
KLEINFELDER		MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP (MARCH 8, 2006)	PLATE 3
Drawn By: D. Anderson	Date: 3/29/2006	MACHADO RANCH 3590 AND 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA	
Project No. 47359-002	Filename: 2856p3.fh10		



KLEINFELDER	MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP (JUNE 8, 2006) MACHADO RANCH 3590 AND 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA	PLATE 3
Drawn By: D Anderson Project No 47359-002	Date: 8/14/2006 Filename: 2856p3 fh10	



KLEINFELDER	MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP (SEPTEMBER 14, 2006) MACHADO RANCH 3590 AND 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA	PLATE 3
Drawn By: O. Anderson Project No. 47359-002	Date: 8/14/2006 Filename: 2856p3.fh10	



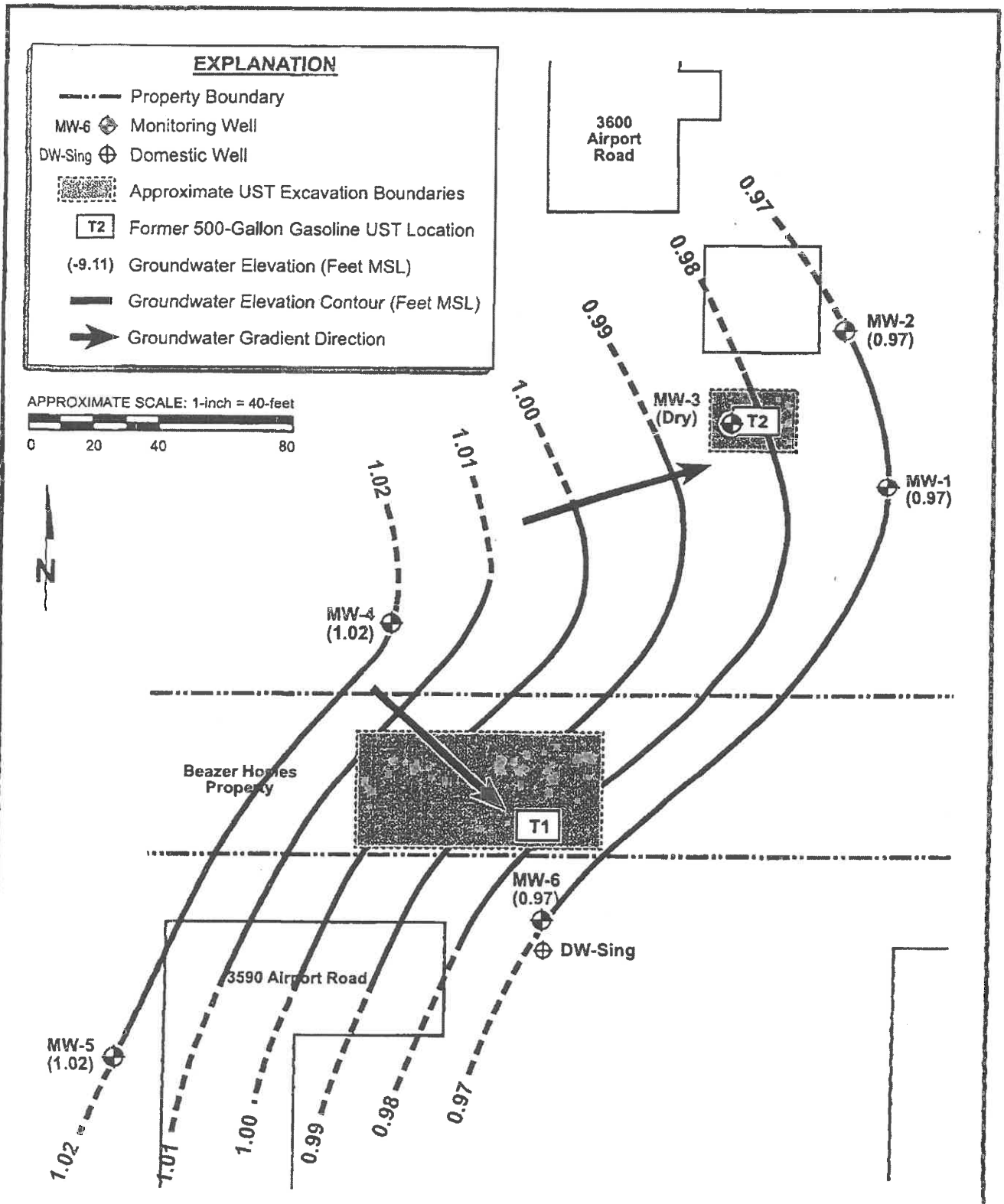
KLEINFELDER

Drawn By: D. Anderson	Date: 4/4/07
Project No. 47359-002	Filename: 2856b-p3.fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(DECEMBER 14, 2006)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 3



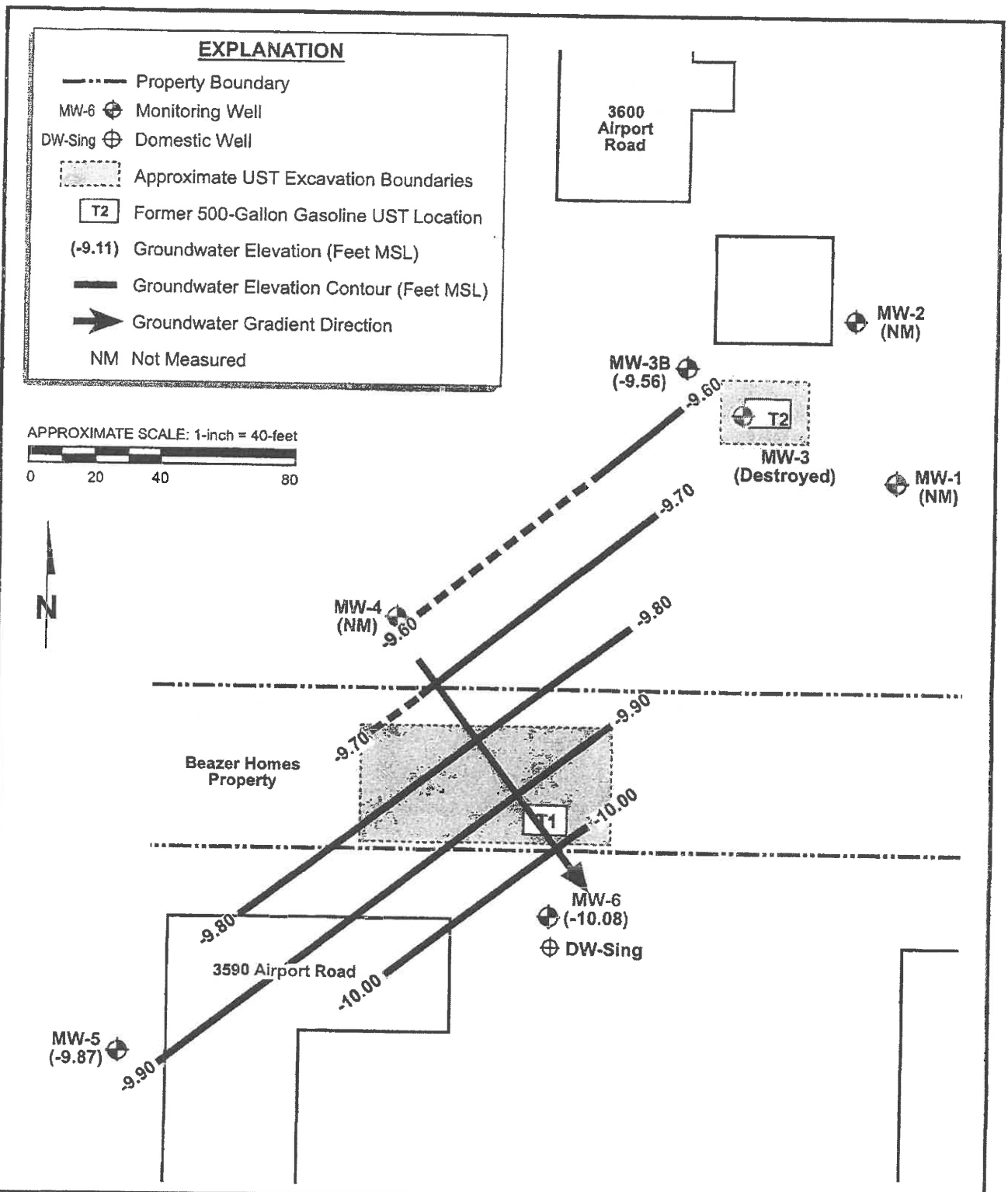
KLEINFELDER

Drawn By: D. Anderson	Date: 4/30/07
Project No. 47359-002	Filename: 2856p3_3-07.fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(MARCH 19, 2007)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

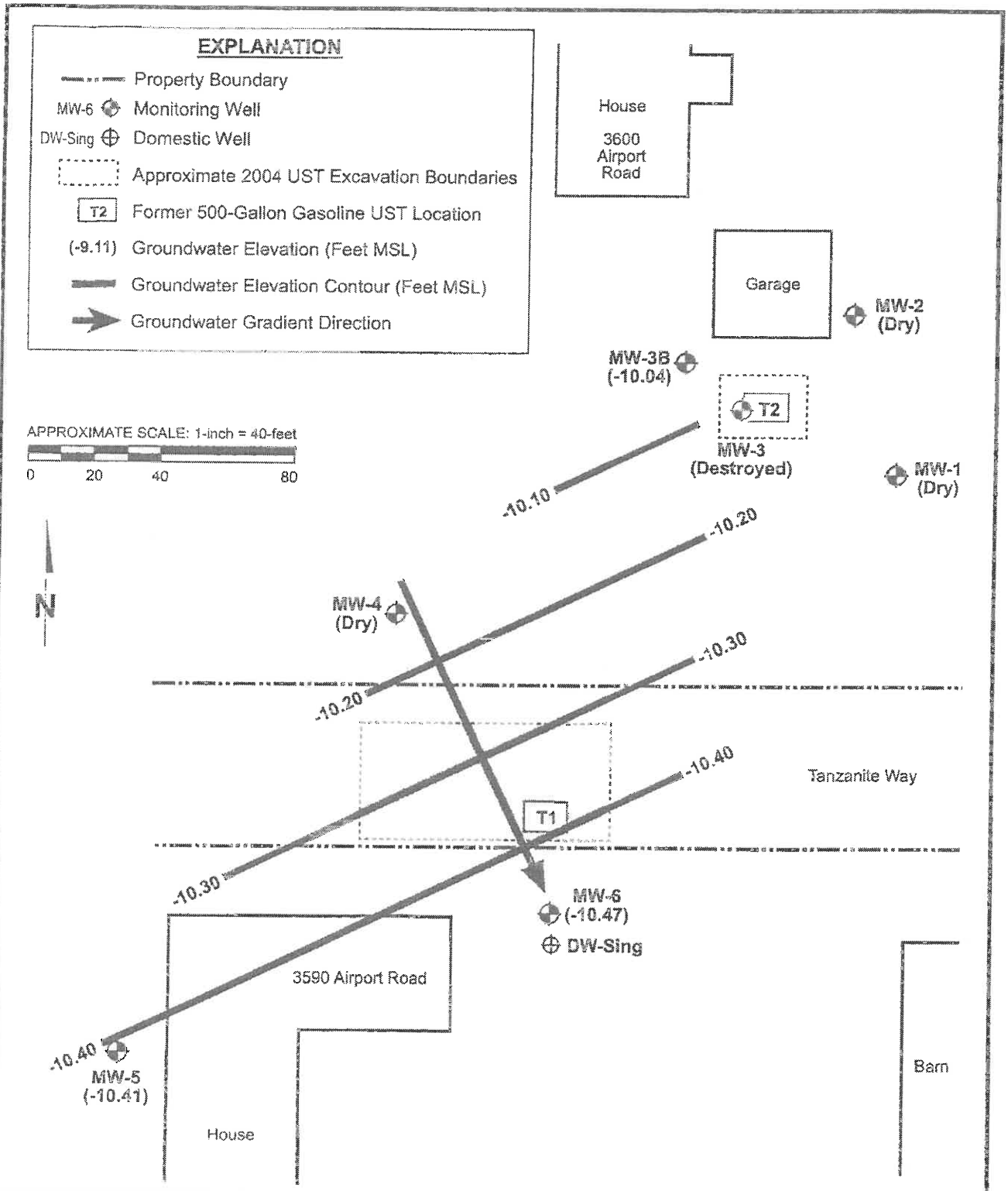
PLATE 4



KLEINFELDER
www.Kleinfelder.com

Project Number: 97042	MONITORING WELL LOCATION MAP AND GROUNDWATER ELEVATION MAP (SEPTEMBER 16, 2008)
Graphic Date: 9/22/08	
Graphic By: D. Anderson	
Checked By: A. Warren	MACHADO RANCH 3590 AND 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA
File Name: 97042gwe9-16-08.fh11	

Plate 3

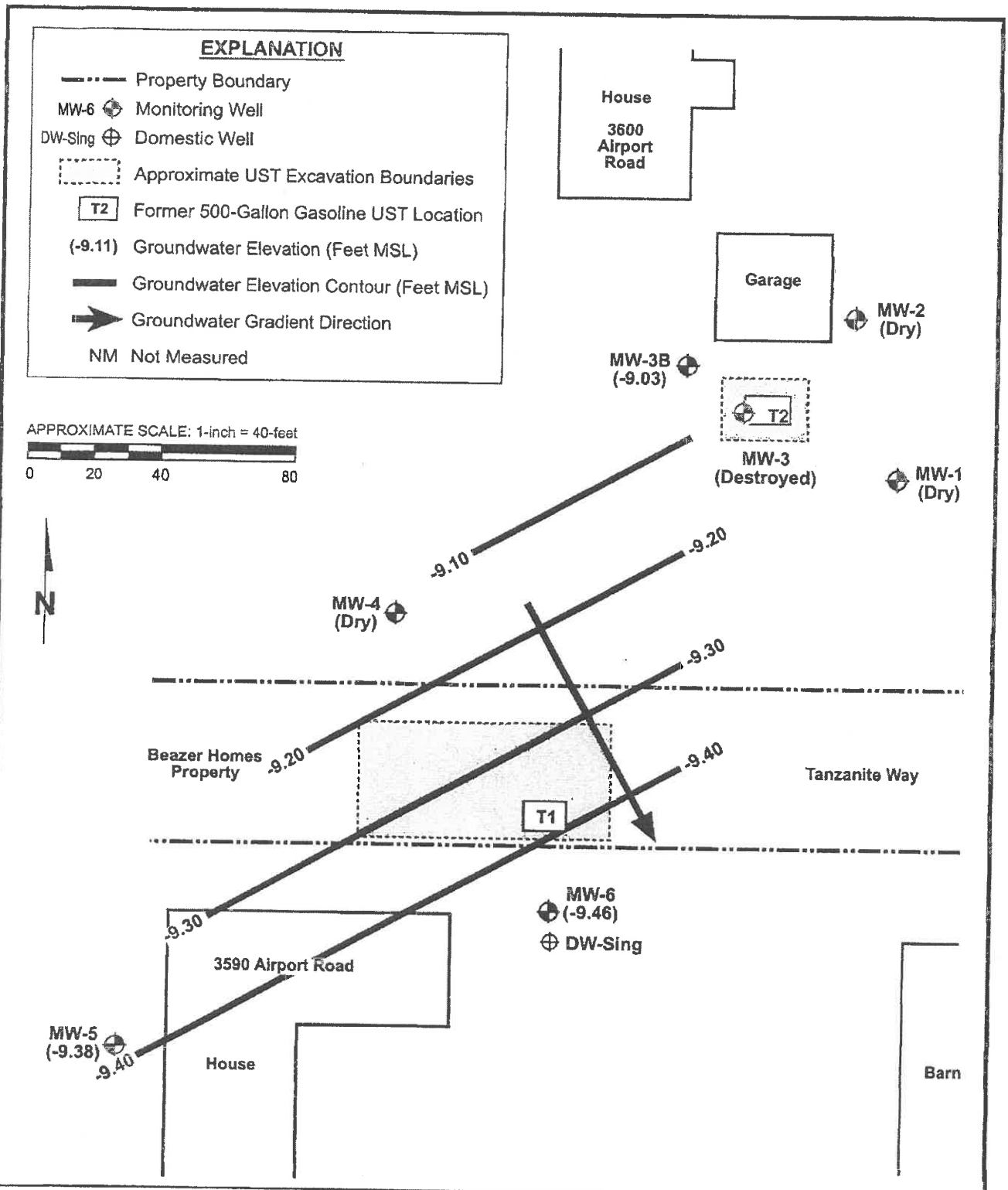


KLEINFELDER

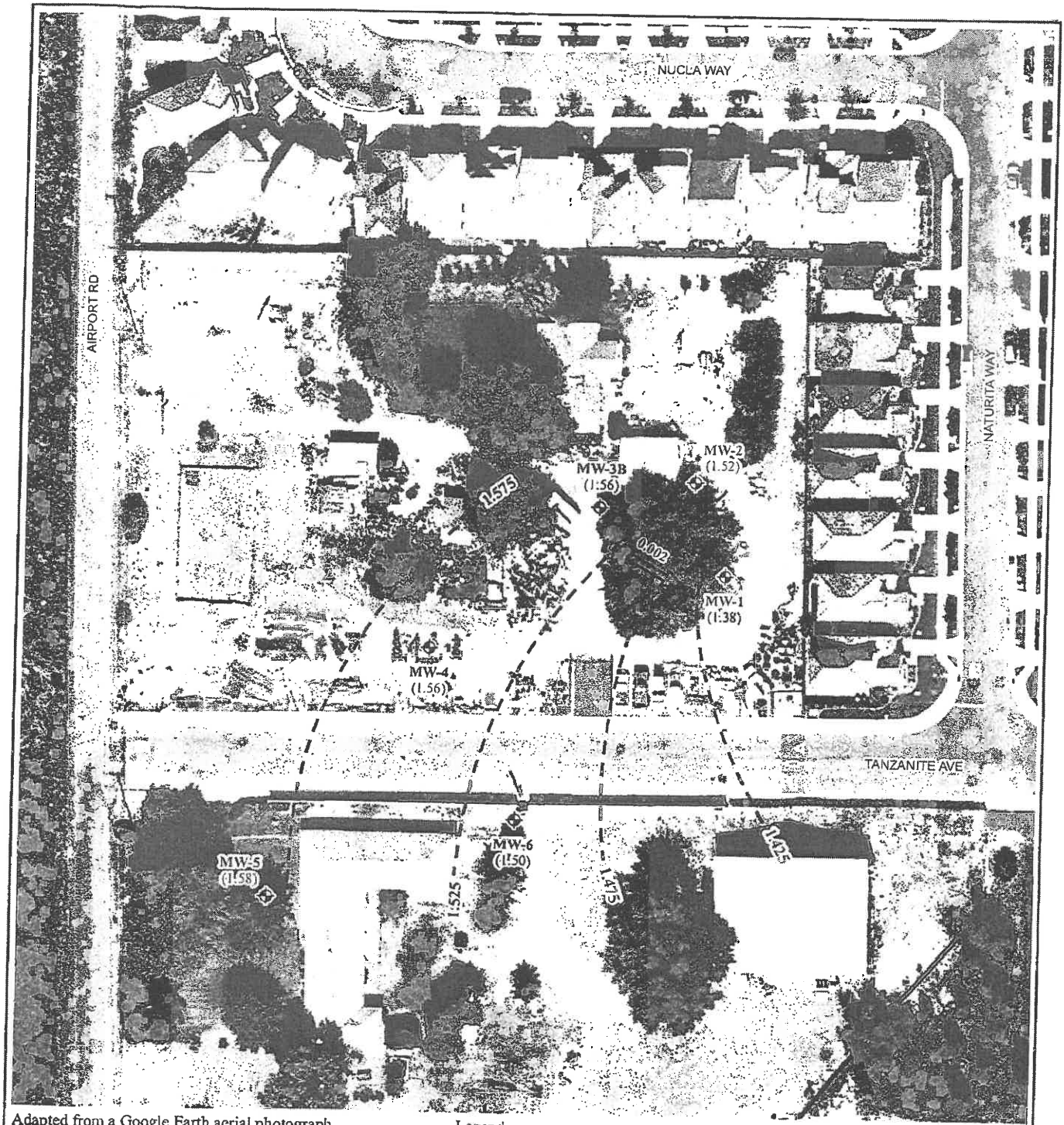
www.Kleinfelder.com

Project Number: 97042	MONITORING WELL LOCATION MAP AND GROUNDWATER ELEVATION MAP (DECEMBER 5, 2008)
Graphic Date: 9/22/08	
Graphic By: D. Anderson	
Checked By: A. Warren	MACHADO RANCH 3590 AND 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA
File Name: 97042gwe9-16-08.fh11	

Plate 3



KLEINFELDER www.Kleinfelder.com	Project Number: 97042 Graphic Date: 4/3/09 Graphic By: D. Anderson Checked By: J. Pemberton File Name: 97042gwe3-09.fh11	MONITORING WELL LOCATION MAP AND GROUNDWATER ELEVATION MAP (MARCH 26, 2009) MACHADO RANCH 3590 AND 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA	Plate 3



Adapted from a Google Earth aerial photograph, dated September 20, 2010.
Projection: NAD 83, California State Plane, Zone II

Legend
- Monitoring well location
- Groundwater elevation contour line
- (1.18) Groundwater elevation in feet above mean sea level
- Groundwater flow direction and gradient

N

0 35 70
Feet

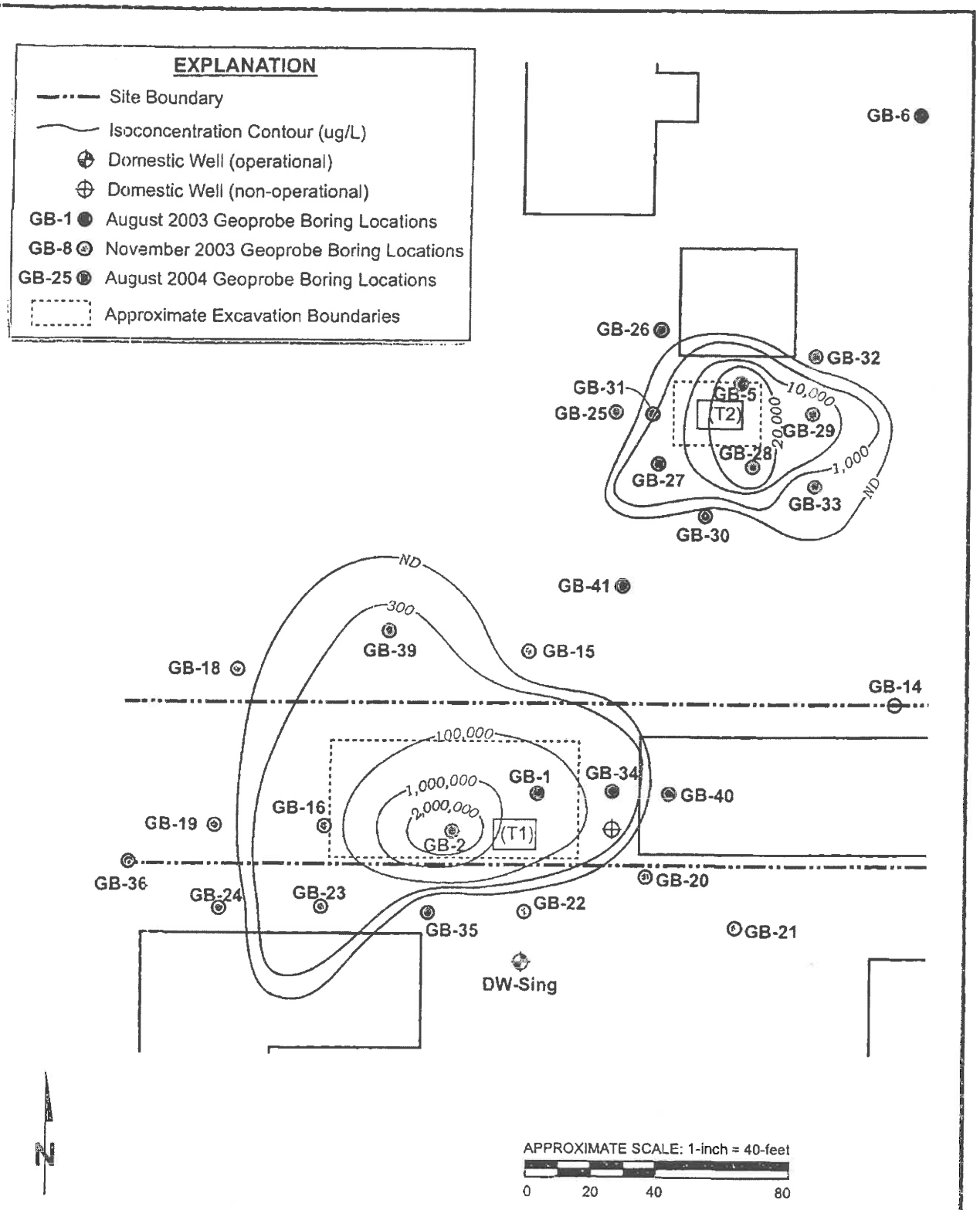
WallaceKuhl & Associates

POTENTIOMETRIC SURFACE MAP
March 21, 2012
3600 AIRPORT ROAD
Sacramento, California

FIGURE	3
DRAWN BY	TJC
CHECKED BY	CJK
PROJECT MGR	DBN
DATE	4/12
WKA NO. 9272.01	

ATTACHMENT I

PRE-REMEDIATION TPHG, BENZENE, AND MTBE GROUNDWATER ISO-CONCENTRATION CONTOUR MAPS



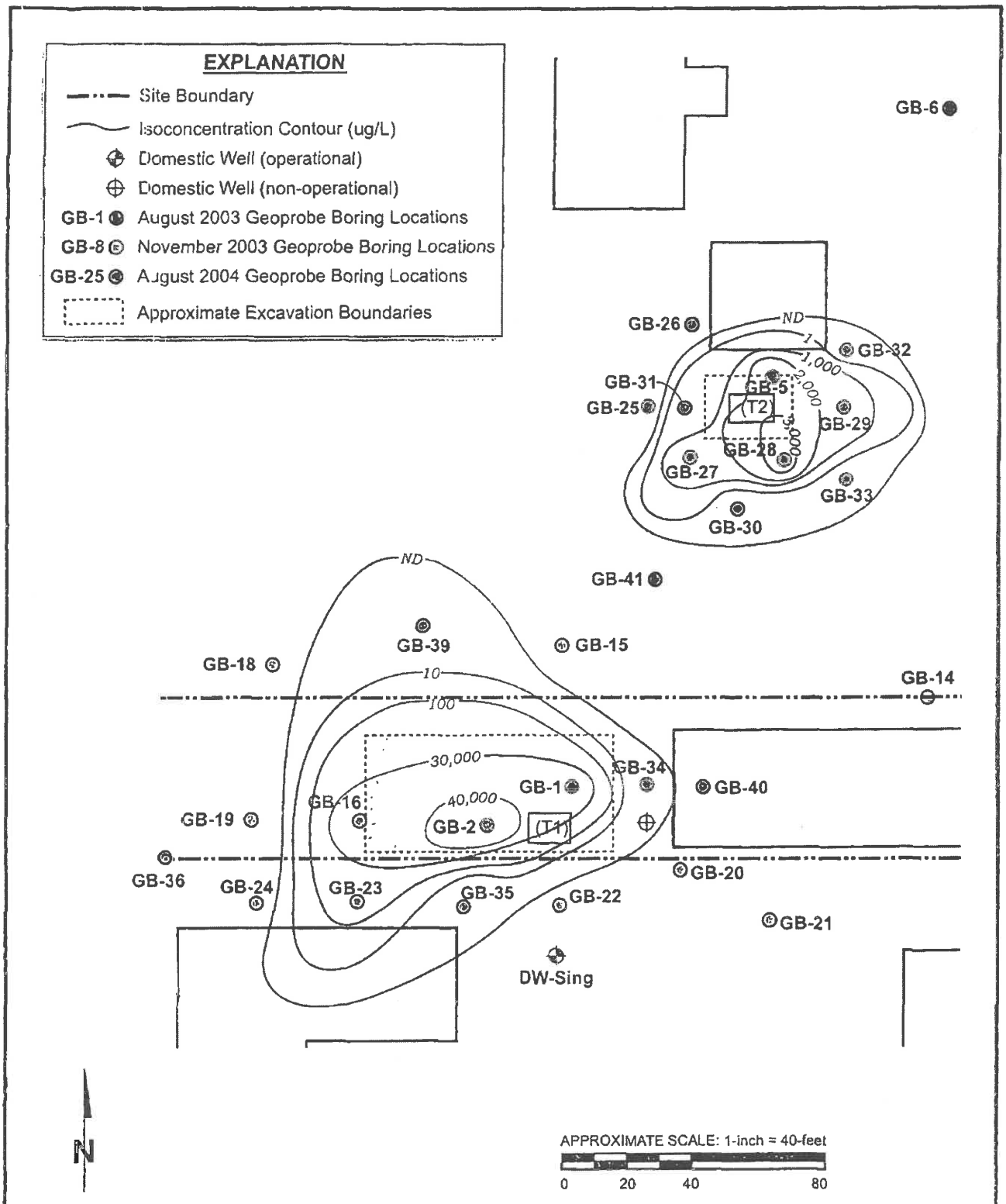
KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856j.fh10

TPH-GASOLINE ISOCONCENTRATION CONTOUR MAP (GROUNDWATER - AUGUST 2004)

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 6



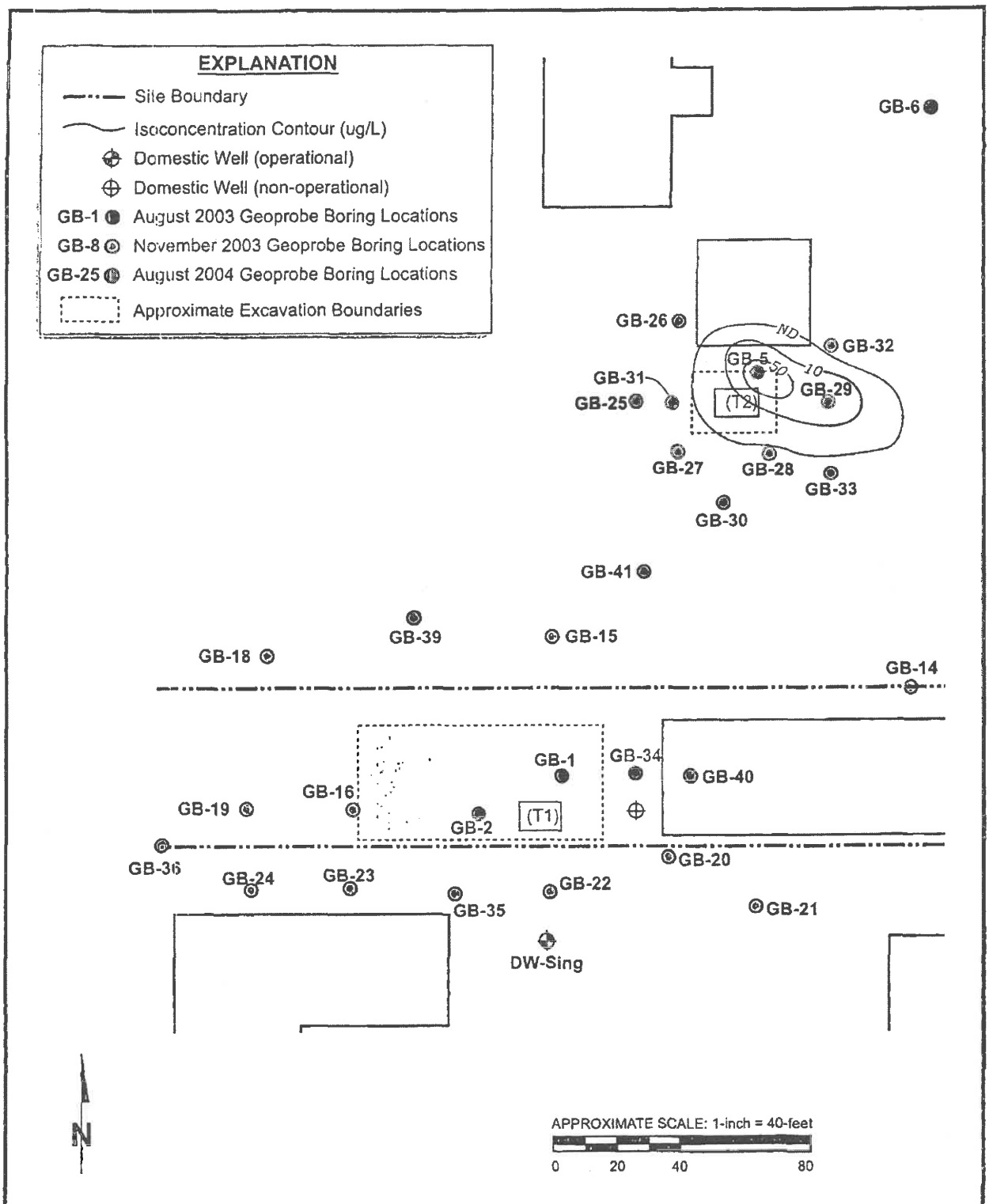
KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856k.fh10

BENZENE ISOCONCENTRATION CONTOUR MAP (GROUNDWATER - AUGUST 2004)

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 7



KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856l.fh10

MTBE ISOCONCENTRATION CONTOUR MAP (GROUNDWATER - AUGUST 2004)

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 8

ATTACHMENT J

HISTORICAL GROUNDWATER ANALYTICAL SUMMARY

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Beazer Machado Residence - 3600 Airport Road, Sacramento

Well ID	Date Collected	Well Elevation (ft msl)	Depth to Water (feet)	Groundwater Elevation (ft msl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	Naphthalene (µg/L)
MW-1	01/10/05	16.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/08/06		18.19	-1.90	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/09/06		15.28	1.01	<50	<50	<0.50	<0.50	<0.50	<1.0	0.54	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/14/06		15.58	0.71	<50	<50	<0.50	<0.50	<0.50	<1.0	0.75	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/14/06		15.91	0.38	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		15.32	0.97	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/16/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/05/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/26/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/08/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/02/11		15.11	1.18	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		14.91	1.38	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	11/13/12		15.41	0.88	110[1,2]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	02/05/13		14.38	1.91	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/13/13		15.33	0.96	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/14		15.49	0.80	Well Blockage at 15.77 Depth to Water - No Sample Collected												
	09/12/14		--	--	Well Blockage at 15.77 Depth to Water - No Sample Collected												
	03/24/15		15.66	0.63	Well Blockage at 15.77 Depth to Water - No Sample Collected												
MW-2	01/10/05	16.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/08/06		18.36	-1.94	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/09/06		15.35	1.07	<50	82	<0.50	<0.50	<0.50	1.1	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/14/06		15.71	0.71	<50	79	0.55	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/14/06		15.95	0.47	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		15.45	0.97	<50	68	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/16/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/05/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/26/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/08/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/02/11		15.17	1.25	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		14.90	1.52	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	11/13/12		--	--	Unable to Locate Well												
	02/05/13		14.41	2.01	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/13/13		15.44	0.98	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/14		15.65	0.77	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/12/14		16.62	-0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/15		15.80	0.62	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	<1.0	<2.0

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Beazer Machado Residence - 3600 Airport Road, Sacramento

Well ID	Date Collected	Well Elevation (ft msl)	Depth to Water (feet)	Groundwater Elevation (ft msl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	Naphthalene (µg/L)
MW-3	01/10/05	17.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/08/06		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/09/06		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/14/06		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/06		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/16/08								Well Destroyed								
MW-3B	09/16/08	17.58	27.14	-9.56	<50	<50	<0.50	<0.50	<0.50	<1.0	1.9	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/05/08		27.62	-10.04	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/26/09		26.61	-9.03	<50	<50	1.6	<0.50	1.5	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/08/09		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	
	12/02/11		16.27	1.31	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		16.02	1.56	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	11/13/12		16.65	0.93	470[1,2]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	02/05/13		15.53	2.05	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/13/13		16.55	1.03	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/14		16.85	0.73	230[1,3]/62*[1,3]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/12/14		17.75	-0.17	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/15		16.80	0.78	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	<1.0	<2.0
MW-4	01/10/05	16.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/08/06		18.65	-1.91	<50	2,600	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/09/06		15.58	1.16	<50	270	<0.50	<0.50	<0.50	1.1	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/14/06		15.93	0.81	<50	160	0.9	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/14/06		15.23	1.51	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		15.72	1.02	<50	80	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/16/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/05/08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/26/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/08/09		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/02/11		15.45	1.29	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		15.18	1.56	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	--	--
	11/13/12		15.83	0.91	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	02/05/13		14.69	2.05	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/13/13		15.71	1.03	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/14		15.98	0.76	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/12/14		17.00	-0.26	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/15		16.03	0.71	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	<1.0	<2.0

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Beazer Machado Residence - 3600 Airport Road, Sacramento

Well ID	Date Collected	Well Elevation (ft msl)	Depth to Water (feet)	Groundwater Elevation (ft msl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	Naphthalene (µg/L)
MW-5	01/10/05	17.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		26.52	-9.06	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/08/06		19.22	-1.76	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/09/06		16.31	1.15	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/14/06		16.66	0.80	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/14/06		16.98	0.48	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		16.44	1.02	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/16/08		27.33	-9.87	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/05/08		27.87	-10.41	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/26/09		26.84	-9.38	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/08/09		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	
	12/02/11		16.17	1.29	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		15.88	1.58	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	--	--
	11/13/12		16.60	0.86	190[1,2]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	02/05/13		15.43	2.03	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/13/13		16.47	0.99	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/14		16.70	0.76	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/12/14		17.66	-0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/15		16.70	0.76	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	<1.0	<2.0
MW-6	01/10/05	17.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/15/05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/05		26.43	-9.11	<50	210	0.73	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	2.9	--
	03/08/06		19.08	-1.76	<50	1,200	31	4.3	<0.50	1.5	<0.50	<5.0	<5.0	<5.0	<5.0	5.6	--
	06/09/06		16.25	1.07	<50	810	33	1.5	0.57	3.1	<0.50	<5.0	<5.0	<5.0	<5.0	2.7	--
	09/14/06		16.52	0.80	<50	210	32	0.5	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	2.2	--
	12/14/06		17.95	-0.63	<50	--	--	--	--	--	--	--	--	--	--	--	--
	03/19/07		16.35	0.97	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	5.4	--
	09/16/08		27.40	-10.08	<50	480	1.6	<0.50	<0.50	<0.50	<0.50	<5.0	1.7	<5.0	<5.0	22	--
	12/05/08		27.79	-10.47	<50	440	10	4.1	<0.50	<0.50	<0.50	<5.0	1.5	<5.0	<5.0	31	--
	03/26/09		26.78	-9.46	<50	2,100	120	3.3	1.4	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/08/09		--	--	--	1,200	55	4.8	0.69	<0.50	<0.50	<5.0	0.67	<5.0	<5.0	35	--
	12/02/11		16.07	1.25	63	66	<0.50	<0.50	<0.50	<0.50	<0.50	10	1.0	<5.0	<5.0	39	--
	03/21/12		15.82	1.50	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0	<5.0	<5.0	--	--
	11/13/12		16.51	0.81	130[1,2]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	34	<2.0
	02/05/13		15.34	1.98	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	41	<2.0
	09/13/13		16.35	0.97	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	59	<4.0[3]
	03/20/14		16.62	0.70	61/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	40	<2.0
	09/12/14		17.58	-0.26	180/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	10	<2.0
	03/24/15		16.62	0.70	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	4.8	<2.0

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Beazer Machado Residence - 3600 Airport Road, Sacramento

Well ID	Date Collected	Well Elevation (ft msl)	Depth to Water (feet)	Groundwater Elevation (ft msl)	DRO (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	Naphthalene (µg/L)
DW-SING	11/13/03		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	08/20/04		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	01/10/05		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/17/05		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/15/05		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/08/05		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/08/06		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/09/06		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/14/06		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/19/07		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	09/16/08		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/05/08		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	03/26/09		--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	06/08/09		--	--	62	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<5.0	<5.0	<5.0	<0.50	--
	12/02/11		--	--	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--
	03/21/12		--	--	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	--	--
	11/13/12		--	--	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	02/05/13		--	--	Well was shut down due to a leaking pipe.												
	09/13/13		--	--	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	03/20/14		--	--	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	09/12/14		--	--	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<1.0	<2.0
	03/24/15		--	--	<50/<50*	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	--	--	<1.0	<1.0	<2.0

Notes:
GRO = Gasoline-Range Organics
MTBE = Methyl Tertiary Butuy Ether
TBA = Tertiary Butyl Alcohol
1,2-DCA = 1,2 dichloroethane
ft msl = Feet above mean sea level
DIPE = Di-isopropyl Ether.
TAME = Tertiary Amyl Methyl Ether
ETBE = Ethyl Tertiary Butyl Ether
-- = not measured, not analyzed, or not reported
µg/L = Micrograms per liter

Analytical Methods: **Analytical Methods:**
GRO and DRO analy: GRO and DRO analyzed according to EPA Method 8015. BTEX, MTBE, TBA, DIPE, ETBE, TAME, 1,2-DCA, and napthalene analyzed according to EPA Method 8260.

All wells surveyed by Morrow Surveying March 17, 2005; revised September 23, 2008.

* = DRO result with silica gel cleanup.
[1] = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.
[2] = DRO concentration may include contributions from heavier-end hydrocarbons that elute in the DRO range.
[3] = Reporting limits were increased due to high concentrations of target analytes.

Information prior to October 2012 was obtained from the Wallace Kuhl & Associates *First Quarter 2012 Groundwater Monitoirng Report*, dated April 30, 2012.

ATTACHMENT K

TPHG AND BENZENE IN SOIL MASS REMOVAL, 2004 EXCAVATION WORK

TPH G mass removed in soil

$$1{,}300\ yd^3 \text{ of soil} * \frac{2{,}700\ lbs}{yd^3} * \frac{1\ kg}{2.2\ lbs} * \frac{252.2\ mg\ TPHG\ (average)}{1\ kg} * \frac{1\ lb}{453{,}592.4\ mg} =$$

$$= 887.1\ lbs\ TPHG\ removed\ by\ excavation$$

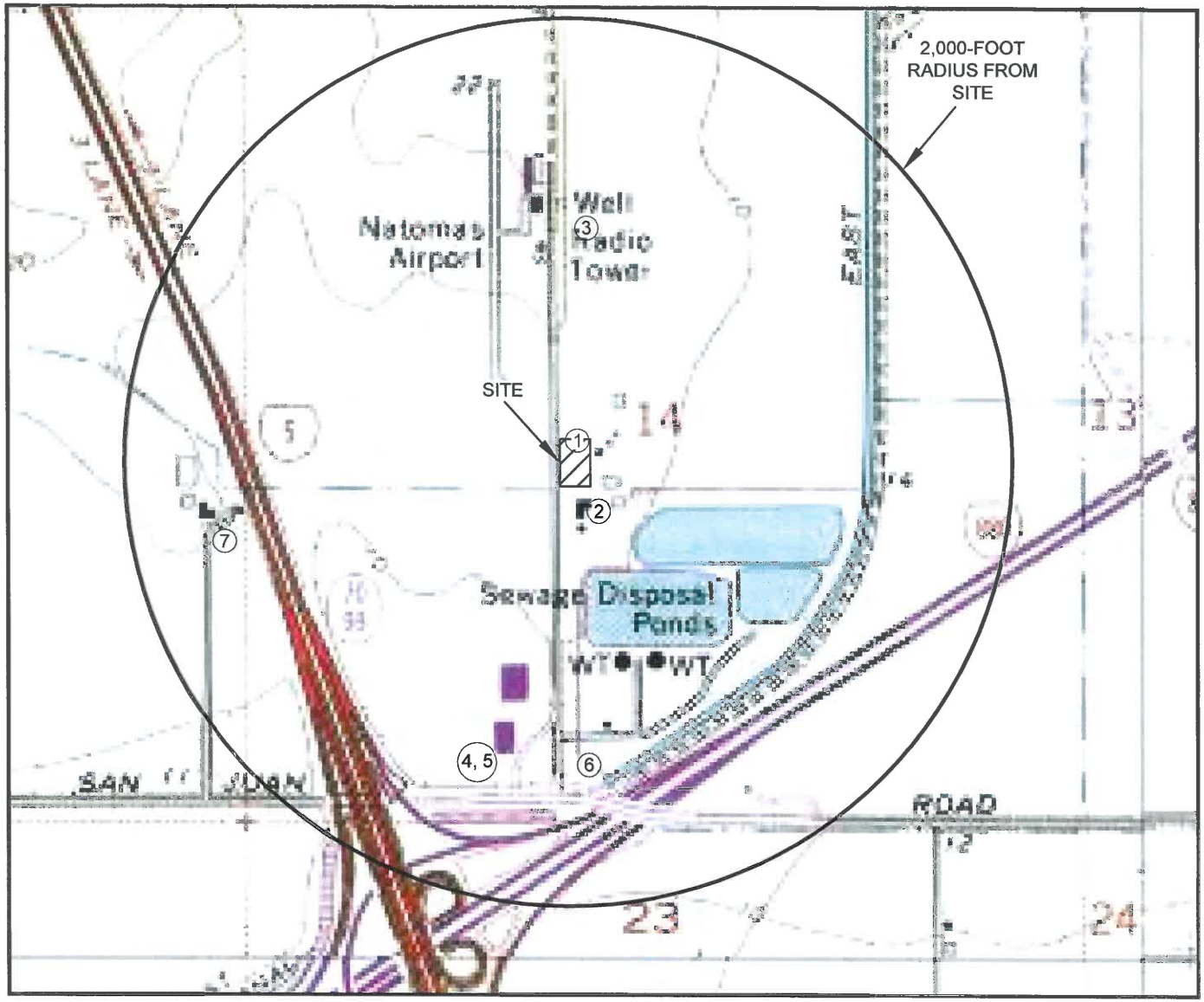
Benzene mass removed in soil

$$1{,}300\ yd^3 \text{ of soil} * \frac{2{,}700\ lbs}{yd^3} * \frac{1\ kg}{2.2\ lbs} * \frac{0.56\ mg\ benzene\ (avg.)}{1\ kg} * \frac{1\ lb}{453{,}592.4\ mg} =$$

$$= 1.97\ lbs\ benzene\ removed\ by\ excavation$$

ATTACHMENT L

WATER SUPPLY WELL SURVEY RESULTS MAP



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
SACRAMENTO, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1989

QUADRANGLE LOCATION

① WATER WELL LOCATIONS

STRATUS
ENVIRONMENTAL, INC.

0 750 FT
APPROXIMATE SCALE

BEAZER - MACHADO RESIDENCE
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

WATER SUPPLY WELL LOCATION MAP

FIGURE
1

PROJECT NO.
2159-3600-01

STRATUS
ENVIRONMENTAL, INC.

3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

February 12, 2016
Project No. 2159-3600-01

Ms. Sue Erikson
Sacramento County Environmental Management Department
10590 Armstrong Avenue, Suite A
Mather, CA 95655

Re: **Well Destruction Report**
Machado Residence
3600 Airport Road, Sacramento, California
GeoTracker ID T0606727901

Dear Ms. Erikson:

Stratus Environmental, Inc. (Stratus) is submitting the attached report, on behalf of Beazer Homes Holdings Corp. (Beazer Homes) to document the well destruction activities performed at the Machado Residence, located at 3600 Airport Road in Sacramento, California (the Site, see Figures 1 and 2). In a letter dated November 12, 2015, the Sacramento County Environmental Management Department (SCEMD) stated that the Site was eligible for closure following the destruction of all monitoring wells. Well destruction activities were conducted on January 19, 2016. A site plan depicting the location of the abandoned wells is attached (Figure 2). Copies of the boring log/well construction diagrams for all of the abandoned wells are included as Attachment B.

A licensed drilling contractor (Penecore Drilling, C-57 license# 906899) performed the well destructions. Mr. Allan Dudding oversaw site activities for Stratus, and Ms. Susan Erickson of SCEMD was present to observe the well destruction work. All work was completed under the supervision of Mr. Trevor M. Hartwell, a California Professional Geologist (P.G. 8744).

The wells were destroyed using the pressure grouting technique. Pressure grouting was conducted by first tagging the well to measure the total depth of the well; any well with more than 10% of the well screen blocked by sediment would not be eligible for pressure grouting. Following the depth measurement of each well (no wells with excessive sediment were found), the well casing was filled with Portland cement mixed according to SCEMD specifications and pumped into the well via tremie pipe. Compressed air was then applied to the well casing, and a pressure of 25 pounds per square inch (psi) was maintained for 10 minutes. After releasing the pressure, each well was over-drilled to 5

feet below ground surface (bgs) with an 8-inch diameter hollow-stem auger equipped with a down-hole guide 'stinger' to assure that the drill bit did not wander off of the well. The borehole was then backfilled with loose sediment to surface and finished to match the surrounding material.

Following well destruction activities, California Department of Water Resources Well Completion Reports were completed on behalf of the driller and submitted to SCEMD via email.

If you have any questions or comments, please contact Trevor Hartwell by email at thartwell@stratusinc.net, or by telephone at (530) 313-9966.

Sincerely,

STRATUS ENVIRONMENTAL, INC.

Allan Dudding
Project Geologist

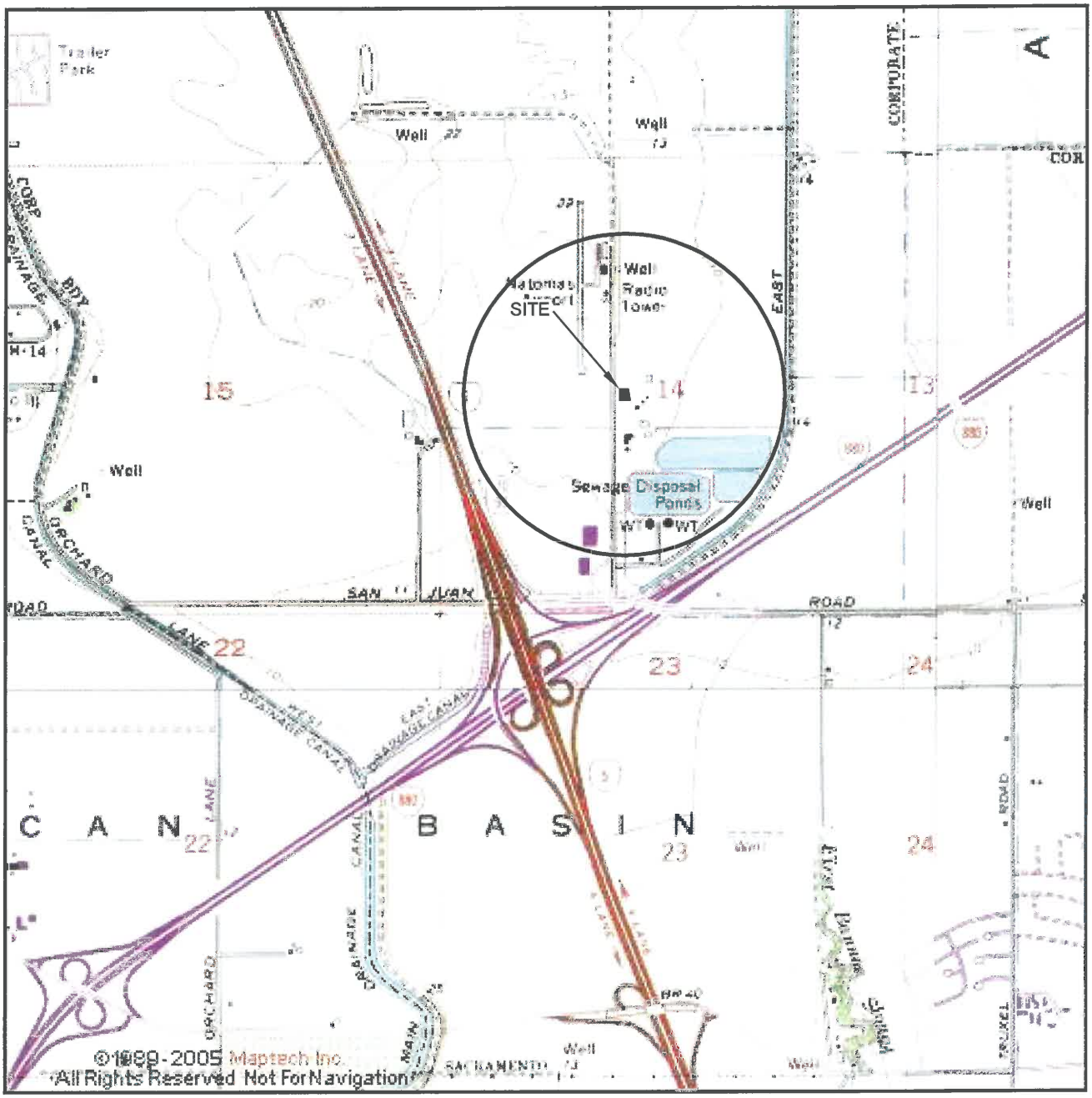
Trevor M. Hartwell, P.G.
Project Manager

PROFESSIONAL GEOLOGIST
TREVOR M. HARTWELL
No. 8774
STATE OF CALIFORNIA

Attachments:

Figure 1	Site Location Map
Figure 2	Site Map
Attachment A	Well Destruction Permit
Attachment B	Boring Log/Well Construction Diagrams

cc: Ms. Vera Fischer, RWQCB
Beazer Homes Holdings Corp., Mr. Richard Coppola
Mr. Frank Machado
Mr. and Mrs. Sing



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
SACRAMENTO, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1989

QUADRANGLE LOCATION

N

0 2000 FT

SCALE 1:24,000

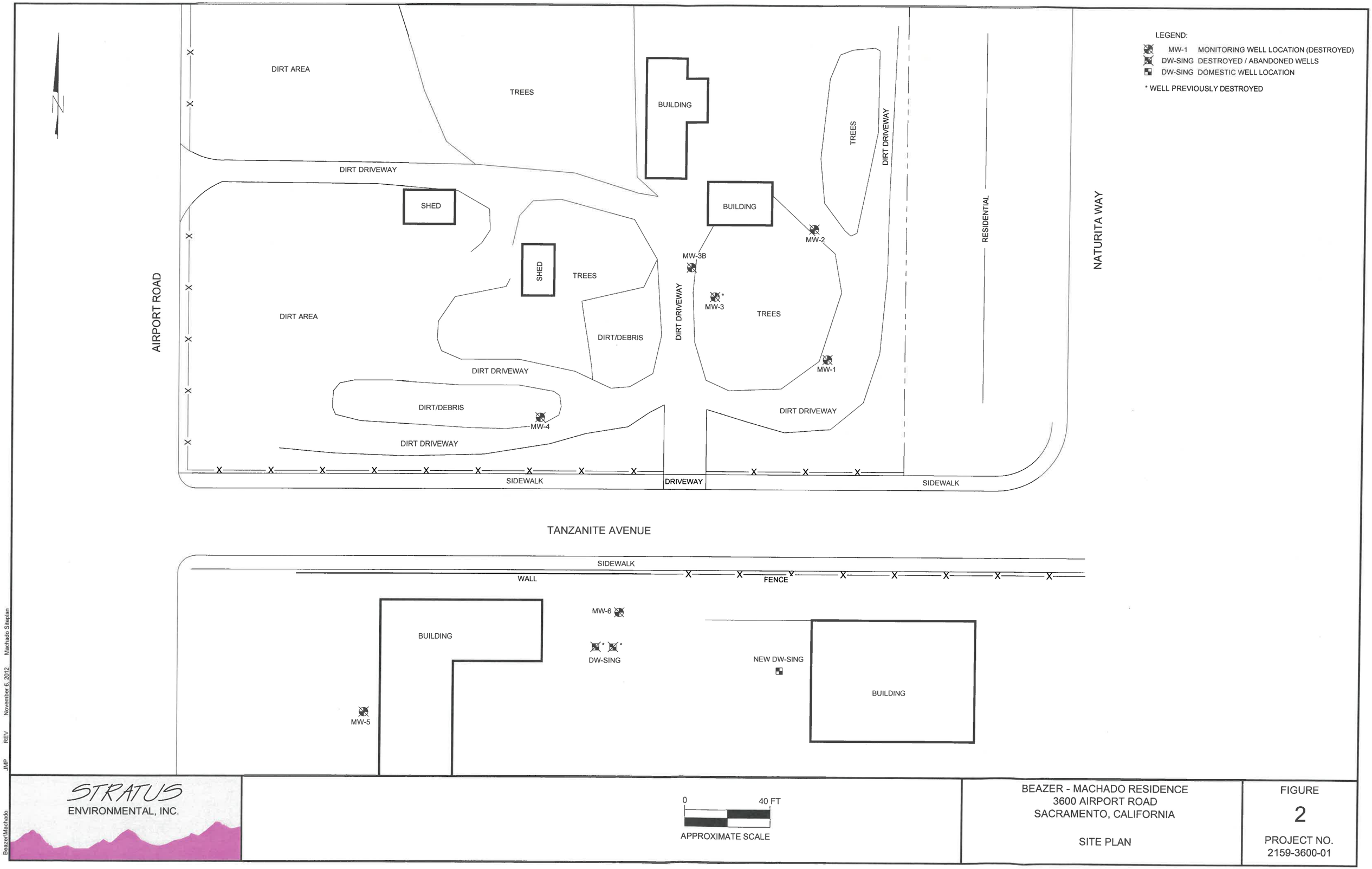
STRATUS ENVIRONMENTAL, INC.

BEAZER - MACHADO RESIDENCE
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

SITE LOCATION MAP

FIGURE
1

PROJECT NO.
2159-3600-01



STRATUS ENVIRONMENTAL, INC.

BEAZER - MACHADO RESIDENCE
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

SITE PLAN

FIGURE
2

PROJECT NO.
2159-3600-01

JMP REV November 6, 2012 Machado Siteplan
Beazer\Machado

APPENDIX A

WELL DESTRUCTION PERMIT

AA 22131

WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT – ENVIRONMENTAL COMPLIANCE DIVISION
10590 ARMSTRONG AVENUE • SUITE A • MATHER, CA 95655
TELEPHONE (916) 875-8400 FAX: (916) 875-8513

WELL INSPECTION LINE: (916) 875-8524

IS THIS PERMIT FOR A HAZARDOUS SUBSTANCE INVESTIGATION? ☐ YES ☐ NO

FOR OFFICE USE ONLY		EXPEDITED PROCESSING? ☐ YES ☐ NO	
☒ APPROVED ☐ APPROVED W/CONDITIONS (ATTACHED)		PERMIT NUMBER(S): 57135-57140	
BY: Earl	DATE: 12-29-15	DATE RECEIVED: 12-16-15	TOTAL FEE: $496
INITIAL GROUT BY:	DATE:	RECEIPT NO: 10039509	DEPTH TO WATER:
FINAL INSPECTION BY:	DATE:	WELL DEPTH:	GROUT DEPTH:
DESTRUCTION BY:	DATE:	GPS: N: 38	W: -121
COMMENTS:			

70.18
S/E
01
SAC

SITE ADDRESS: 3600 Airport Road, Sacramento, CA 95834	
Job Address: 3600 Airport Road, Sacramento, CA ↓ 3590 Airport Rd.	Nearest Major Cross Street: Tanzanite Avenue
Property Owner: Beazer Homes Frank Machado & John Eng Jr Family Trust	Parcel Number(s): 225-0150-055, 225-0180-013
Well Contractor: Penecore Drilling	CA License No.: 906899 Exp 11-30-17 or ok
Contractor's Address: 220 N. East Street, Woodland, CA	(530) 666-3600
Well/Boring Identification Number(s): MW-1, MW-2, MW-3B, MW-4 through MW-6	

TYPE OF WORK: (California C-57 License required unless noted otherwise)

- ☐ Well construction
- ☐ Pump replacement (or C-61)
- ☐ Well inactivation (Owner only)
- ☐ Vault box repair (General A or B)
- ☐ Well repair
- ☐ Pump repair (or C-61)
- X Well destruction **(SUPPLEMENT REQUIRED)**
- ☐ Exploratory boring (C-57 if water present)
- ☐ Other: _____

INTENDED USE:

- ☐ Domestic/private
- ☐ Irrigation/agricultural
- ☐ Water/vapor monitoring/extraction
- ☐ Dewatering
- ☐ Cathodic protection
- ☐ Heat exchange
- ☐ Geotechnical boring
- ☐ Environmental boring
- ☐ Other: _____

Public water system: _____
(NAME OF WATER PURVEYOR WITH CONTACT NAME AND TELEPHONE NUMBER)

DRILLING METHOD:
☐ Mud rotary ☐ Air Rotary ☐ Cable tool X Auger ☐ Driven ☐ Other: _____

SETBACKS: (Wells only)
Is the well located within 50 feet of a: ☐ sewer line, ☐ stream, ☐ ditch, ☐ drainage course, ☐ pond, or ☐ lake? ☐ No
Is the well located within 100 feet of a: ☐ septic tank, ☐ leach line, ☐ deep trench, or ☐ animal enclosure? No

SPECIFICATIONS:
BOREHOLE: Diameter: _____ Depth: _____
Diameter: _____ Depth: _____
CONDUCTOR: Diameter: _____ Depth: _____
ANNULAR SEAL: Depth: _____ Material: _____
TRANSITION SEAL: Material: _____
COMMENTS: _____

CASING: Diameter: _____ Depth: _____
CASING: Diameter: _____ Depth: _____
IF STEEL: Gauge: _____ or Thickness: _____
IF PLASTIC: Type: _____ (Must meet ASTM F-480)
MULTIPLE COMPLETION? ☐ Yes **(DIAGRAM REQUIRED)**

PUMP INSTALLATION/REPAIR:
Contractor: _____
License Number: _____ Type of Pump: _____ Horsepower: _____

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating wells and pumps, **call (916) 875-8524 for a grout inspection at least 24 hours prior to the requested appointment time**, submit a "Well Completion Report" (if required) within 60 days of the completion of my work so a final inspection can be made, and obtain WPD approval before placing a well in service.

SIGNATURE: _____ ☐ Property Owner
PRINTED NAME: Allan Dudding ☐ Well Contractor
COMPANY: Stratus Environmental, Inc. X Agent **(REQUIRES AUTHORIZATION FORM)** OK
MAILING ADDRESS: 3330 Cameron Park Drive, #550, Cameron Park, CA 95682 SAC
PHONE NUMBER: 530-676-2064 FIELD PHONE: 916-837-1688

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION.
PERMIT EXPIRES ONE (1) YEAR AFTER DATE APPROVED (UNLESS EXTENDED)

APPENDIX B

BORING LOGS/WELL CONSRUCTION DIAGRAMS

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 17 feet below existing site grade and finally at a depth of 23 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	Sample Type	Sample No.	FIELD Blows/ft	FIELD PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						Sandy SILT (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10			35	0		some clay, minor iron oxidation	
15			21	0		Silty SAND (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20			21	0		Clayey SILT (ML): Gray-brown, moist, hard, weakly cemented, low to moderate plasticity	
25		MW1-26	19	0		some fine sand, low plasticity	
						Boring completed at a depth of approximately 26 feet below existing site grade.	
30							

KLEINFELDER

Drafted By: D. Ross Project No.: 47359/2

Date: 3/30/2005 File Number: 47359

LOG OF BORING MW-1

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 1 of 1

6

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 18 feet below existing site grade and finally at a depth of 23 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	Sample Type	Sample No.	FIELD Blows/ft	FIELD PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
0						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						Sandy SILT (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10			22	0		Silty SAND (SM): Olive-brown, moist, medium dense, fine sand, moderately iron oxidized	
15			18	0		Sandy SILT (ML): Light brown, moist, hard, weakly cemented, fine sand, low plasticity, some iron oxidation	
20			16	0		Silty SAND (SM): Olive-brown, very moist/wet, medium dense, fine sand, some iron oxidation	
25		MW2-26	19	0		Sandy Clayey SILT (ML): Light to olive-brown, moist, very stiff, low plasticity, fine sand, trace white caliche stringers, some iron oxidation	
30						olive-brown, slightly increased sand content, decreasing clay	
						Boring completed at a depth of approximately 26 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005

Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-2

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
7

SAC 2004 47359.GPJ 3/30/05

Boring Location/ Surface Conditions: Gravel

Groundwater: Groundwater initially encountered at a depth of about 34 feet below existing site grade and finally at a depth of 27 feet.

Method: 140 lb. Automatic Hammer

Equipment: CME 75

Date Completed: 9/9/2008

Logged By:

Total Depth: 36-1/2 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/foot	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
5						**Sandy LEAN CLAY** (ML): Olive brown, moist, soft, weak cementation, low plasticity, about 30% fine sand	
10							
15		S-1	9	0			
						Clayey SILT (ML): Brown, moist, weak cementation, low plasticity, about 30% fine sand	
20		S-2	18	0			
25		S-3	11	0.1		**Sandy SILT** (ML): Brown, moist, weak cementation, low plasticity	

KLEINFELDER
Bright People. Right Solutions.

Drafted By: R. Hills
Date: 10/16/2008
Project No.: 97042
File Number: 97042

LOG OF BORING 3B

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 2
B3

P-LOG_2005 BLOWS PER FOOT 97042.GPJ 10/16/08

Depth (feet)	Sample Type	Sample No.	Blows/foot	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
30		S-4	23	0.1		**Silty SAND** (SM): Reddish brown, wet, weak cementation, fine grained, 15% clay content	
35		S-5	21	0.1		Boring completed at a depth of 36-1/2 feet below existing site grade.	
40							
45							
50							
55							
60							

KLEINFELDER
Bright People. Right Solutions.

Drafted By: R. Hills
Date: 10/16/2008
Project No.: 97042
File Number: 97042

LOG OF BORING 3B

MACHADO PROPERTY
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
2 of 2
B3

P-LOG_2006 BLOWS PER FOOT 97042.GPJ 10/16/08

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 18 feet below existing site grade and finally at a depth of 23-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
						Sandy SILT (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10			14	0		some clay, minor iron oxidation, trace white caliche stringers	
15			15	0		Silty SAND (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20		MW4-21	20	0		Clayey SILT (ML): Gray-brown, moist, hard, weakly cemented, low to moderate plasticity	
25			27	0		no sample recovery	
						Boring completed at a depth of approximately 26 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-4

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
9

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 17 feet below existing site grade and finally at a depth of 24-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/12/2004

Logged By: S. Dalton

Total Depth: 31 feet

Boring Diameter: 8 inch

Depth (feet)	Sample Type	Sample No.	FIELD Blows/ft	FIELD PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
						Sandy SILT (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
15			15	0		Silty SAND (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20			26	0		Clayey SILT/Silty CLAY (ML/CL): Light gray-brown, moist, hard, weakly cemented, white caliche stringers throughout, moderately iron oxidized, low to moderate plasticity	
25			21	0		Silty SAND (SM): Brown, wet, medium dense, fine sand, weakly cemented, minor iron oxidation	
						Clayey SILT (ML): Gray-brown, moist, very stiff, low to moderate plasticity, trace white caliche stringers	
30		MW5-31	22	0		Silty SAND (SM): Olive-brown, moist, medium dense, fine sand, weakly cemented	
						Boring completed at a depth of approximately 31 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005

Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-5

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
10

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 16-1/2 feet below existing site grade and finally at a depth of 28 feet.

Method: Hollow Stem Auger

Equipment: MARL M-5 RINO (Limited Access Direct Push Sample

Date Completed: 12/20/2004

Logged By: R. Padgett

Total Depth: 30 feet

Boring Diameter: 8 inch

Depth (feet)	Sample Type	Sample No.	FIELD Blows/ft	FIELD PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Silty CLAY (CL): Dark brown to yellow-brown, moist, soft, with medium sand, moderate plasticity	
						Clayey SILT (ML): Light brown with red-brown mottling, moist, medium stiff to hard, some medium sand, low plasticity	
5				0		trace subrounded gravel to 1/2 inch diameter, iron oxide staining present	
10		MW-6-10.5		0		increasing medium sand	
						Silty CLAY (CL/CH): Olive-gray, moist, soft, moderate to high plasticity	
15				0			
						Silty SAND (SM): Brown to yellow-brown, wet, medium dense, fine to medium sand, some iron oxide staining	
20				0		Clayey SILT (ML): Light brown with orange mottling, moist, stiff, trace subangular fine gravel, iron oxide staining present, low plasticity	
25				0			
30		MW6-30		0		Boring completed at a depth of approximately 30 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005

Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-6

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
11

SAC 2004 47359.GPJ 3/30/05

RO1530

COUNTY OF SACRAMENTO

Environmental Management Department
Mel Knight, Director

Richard Sanchez, Chief
Environmental Health
Dennis Green, Chief
Hazardous Materials
Cecilia Jensen, Chief
Water Protection Division

July 29, 2004

Beazer Homes
3721 Douglas Road
Roseville, CA 95661

To Whom It May Concern:

RE: REMOVE 2 UST's AT RESIDENCE, 3600 AIRPORT ROAD, SACRAMENTO, CA 95827
REMOVAL AUTHORITY NUMBER R04-033

Please refer to your application to remove the underground storage tanks at the site address listed above.

REMOVAL AUTHORITY

Authorization to remove the underground storage tanks is hereby granted with the following conditions:

1. The Hazardous Materials Division shall be notified at least 48 hours prior to removal. **Please have the removal authority number and site address ready when calling for your inspection appointment.** Tanks shall not be removed unless a representative from HMD is on site.

2. All encroachment, access or other permits (public agency or private) shall be the responsibility of the property owner/operator/contractor (or agent of) to research and obtain, prior to the UST removal.

3. Tanks shall be rinsed and inerted prior to removal.

4. Comply with the conditions set forth under Sections II & III of the "Consolidated Application for Authority to Remove Underground Storage Tanks."

5. The cutting of tanks on-site is prohibited under City of Sacramento Ordinance 7902.1.7.4.1.

6. Soil analytical results, performed by certified labs, shall be forwarded to the SCHMD as soon as possible (analytical results shall include copies of chain-of-custody, lab quality control data, and sampling plot map). No site can be closed until the analytical results have been reviewed.

7. ***This removal authority expires six months from the date of this letter.*** Commencing work under this authority to remove the underground storage tanks shall be deemed acceptance of all the conditions specified. This authorization does not allow violations of any applicable rule, regulation, or code. The owner shall be deemed responsible to secure the property and excavation from unauthorized personnel at all times.

If you have any questions, please call me at (916) 875-8553.

Sincerely,

Richard Leibold
Hazardous Materials Specialist

RL:dp

c: W.A. Craig, Inc.

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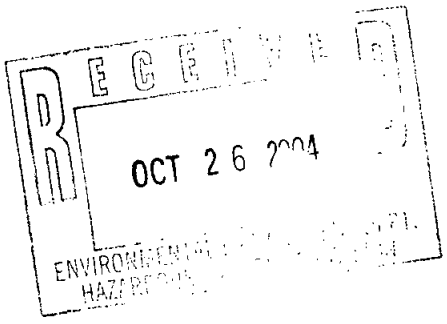
TWO 500-GALLON GASOLINE UST REMOVALS
ADDITIONAL GEOPROBE SOIL AND GROUNDWATER ASSESSMENT
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA



October 21, 2004

TABLE OF CONTENTS

Plates

Tables

Appendices

ADDITIONAL ENVIRONMENTAL SERVEICES REPORT
MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

1 INTRODUCTION

This report describes the field activities and analytical results for environmental services associated with the property located at 3600 Airport Road (Machado Ranch) located in Sacramento, California (Plate1). These services included: removal and disposal of two 500-gallon gasoline underground storage tanks (USTs), excavation of impacted soil, excavation confirmation sampling, stockpiled soil sampling and disposal, excavation backfilling, and an additional Geoprobe investigation to further evaluate the extent of petroleum hydrocarbon impact to the soil and groundwater in the vicinity of the USTs.

2 BACKGROUND

In August 2003, Kleinfelder was retained by Beazer Homes to conduct a Phase I Environmental Site Assessment (ESA) at the Machado property located at 3600 Airport Road. The results of the Phase I ESA indicated several recognized environmental concerns that included (but not limited to) the presence of two 500-gallon gasoline USTs. The southern tank (T1) was located near the central area of the south property line boundary, of 3600 and 3590 Airport Road. The top of the tank was exposed at the ground surface. The tank was constructed of steel and had a metal tag that was labeled "Gasoline." Based on the size of the cement pad constructed over the tank, the curvature of the exposed tank, and a discussion with Mr. Machado, the capacity/size of the tank was estimated to be approximately 500 gallons. Mr. Machado indicated that the tank had not been used since 1974. The northern tank (T2) was located south of the house and detached garage on the Machado property. Based on information provided by Mr. Machado, the capacity/size of the UST was approximately 500 gallons and was last used for fueling operations in 1994. Plate 2 shows the location of the two tanks.

In August and November 2003, Kleinfelder conducted soil and groundwater investigations to address the recognized environmental concerns. Samples from 24 Geoprobe borings (GB-1 through GB-24) were collected and analyzed. The results of the investigations indicated that the

USTs were the source of petroleum hydrocarbons detected in soil and groundwater in the vicinity of the tanks. Based on the presence of the USTs and the soil and groundwater impact associated with the USTs, the Sacramento County Environmental Management Department (SCEMD) assumed the role as the lead regulatory agency for the site.

In July 2004, Beazer Homes requested Kleinfelder prepare a work plan for implementing the removal of the UST and for further evaluating the extent of soil and shallow groundwater impact associated with the two USTs. Kleinfelder prepared and submitted a work plan, dated July 29, 2004, to Beazer Homes and the SCEMD for review and comment. In a letter, dated August 2, 2004, Mr. Barry Marcus of the SCEMD commented on the work plan and requested additional items be added to the scope of work. Kleinfelder prepared and submitted a revised work plan dated August 10, 2004, which included the additional requested items. In a letter, dated September 8, 2004, Mr. Marcus approved of the revised work plan. The following sections describe the work outlined in Task 1 (UST Removals, Stockpiled Soil Disposal, etc.) and Task 2 (Additional Geoprobe Investigation) of the revised work plan.

At the time of this report, implementation of Task 3 (Groundwater Monitoring Well Installation, Sampling, etc.) has begun following verbal authorization from SCEMD after a preliminary review of analytical results. Kleinfelder will submit a separate report for the well installations, development, and sampling.

3 UST PRE-FIELD ACTIVITIES

Kleinfelder subcontracted the services of W.A. Craig Inc. of Dixon, California to excavate and remove the two 500-gallon gasoline USTs. W.A. Craig is a qualified environmental UST excavation contractor. Prior to tank removal activities, W.A. Craig submitted permit applications and associated fees to SCEMD for review and approval. After receiving the approved permit, Kleinfelder scheduled a date for the tank removal and notified Mr. Barry Marcus of SCEMD. In addition, Underground Service Alert was contacted 48 hours prior to the fieldwork to notify local utilities of the proposed subsurface activities. A copy of the SCEMD removal Copies of the approved permits are included in Appendix A.

4 UST FIELD ACTIVITIES

4.1 Underground Storage Tank Removals

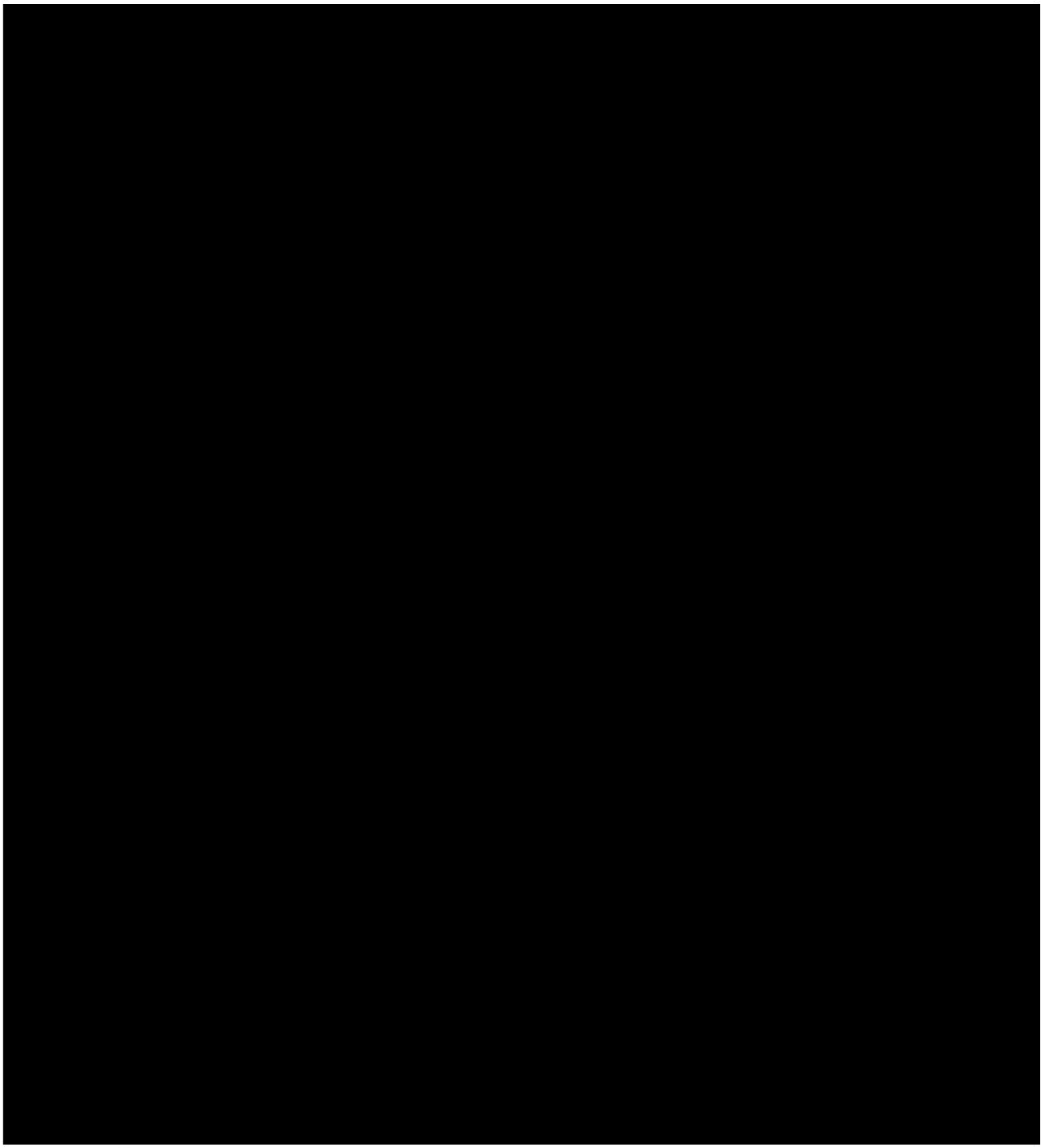
On August 2, 2004, Steve Dalton of Kleinfelder met with personnel from W.A. Craig at the site. Prior to excavation activities, approximately 95 gallons of water with petroleum hydrocarbon odor were pumped from the northern tank (T2). The inside of the tank was cleaned with a detergent and triple rinsed. Approximately 30 gallons of rinsate were generated and pumped from the tank. The liquid from the tank and the rinsate were contained in two 55-gallon drums. The drums were later transported to GCS Consulting & Services of Napa, California. The approved liquid waste manifest is included in Appendix B. The southern tank (T1) did not contain liquid. Instead, the tank contained approximately 190 gallons of soil, which was vacuumed from the tank and stockpiled on site.

On August 3, 2004, Steve Dalton of Kleinfelder met with personnel from W.A. Craig at the site to excavate and remove the USTs. W.A. Craig used a backhoe to expose the tanks by removing the concrete pads over the tanks and the soil above and surrounding the tanks. W.A. Craig placed dry ice inside the northern tank (T2) through the open ports at the top of the tank. The gas produced by the dry ice displaced oxygen from inside the tank, which reduced the Lower Explosion Limit (LEL). Dry ice was not used in the southern tank (T1). The LEL was measured in both tanks at 0, indicating the chance of sparking an ignition was low.

Prior to the tank removals, product and vent lines were disconnected and removed. The product and vent lines were located directly above the tanks. The tanks were pulled from the excavation with the backhoe by securing chains through the open ports on the top of the tanks. The tanks were loaded on a flatbed truck and transported under manifest to Sims Metal of Sacramento, California for disposal. Copies of the tank disposal certificates are included in Appendix C. Representatives of SCEMD were present and approved of the tank removal activities.

The tanks were constructed of single-walled steel and were rusted/corroded with holes near the bottom of each tank. The southern tank (T1) had holes along the bottom and at the bottom of the east sidewall. The northern tank (T2) had a hole on the northwest corner of the north sidewall, near the centerline of the tank. There were three designated port openings at the top of each tank: one for a product line, a second for venting, and a third for filling the tank. The two tanks measured approximately 4 feet in diameter and 6 feet in length, which equated to approximately

550 gallons each. The two tanks were aligned east-west (lengthwise). Photographs of the UST removal activities are shown below.



UST Removal

Following the tank removals, the SCEMD requested that a soil sample be collected and analyzed from approximately 1-foot below the bottom of each tank. The southern tank (T1) extended from ground surface to 4 feet below ground surface (bgs), and the northern tank (T2) extended from 1 foot bgs to 5 feet bgs. Therefore, Kleinfelder collected soil sample number T1-5 at 5 feet bgs from the southern tank (T1) excavation and soil sample number T2-6 at 6 feet bgs from the northern tank (T2) excavation. The SCEMD requested total lead be added for laboratory analysis in addition to the petroleum hydrocarbon constituents listed in Kleinfelder's August 10, 2004 work plan.

4.2 Overexcavation and Soil Stockpiling

Kleinfelder and W.A. Craig conducted overexcavation and soil stockpiling activities from August 3 through 11, 2004. In Kleinfelder's August 10, 2004 work plan, a soil volume of 200 in-place cubic yards per UST was estimated for removal and disposal. This limit was reached and was sufficient for the northern tank (T2), due to the limited extent of impact to the soil. The soil was stockpiled west of the excavation. The stockpiled soil was placed on and covered with plastic sheeting. The excavation boundaries and soil stockpile (SP3) are shown on Plate 2.

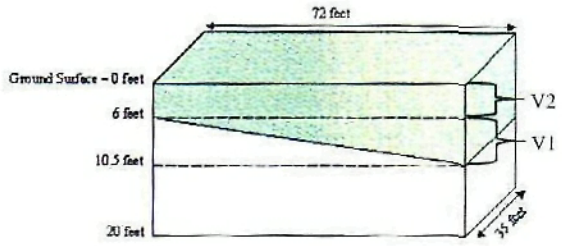
Analytical data obtained from the two 2003 Geoprobe soil and groundwater investigations suggested that the southern tank (T1) had impacted a larger area/volume of soil. The majority of soil and groundwater impact appeared to have migrated toward the west to a distance of at least 60 feet (GB-16), but not exceeding 90 feet (GB-19) from the UST. Analytical results from

GB-15 indicated that impact had not extended to a distance of 50 feet north of the UST. Physical constraints for excavation boundaries included a concrete drain pipe located approximately 10 to 15 feet south of the UST, a domestic well and shed located approximately 25 feet east of the UST, and groundwater from 18 to 20 feet bgs. Using these analytical and physical "boundaries", Kleinfelder anticipated that an excavation having the dimensions of approximately 72 feet (east-west), 35 feet (north-south), and 20 feet deep (bgs) would remove a majority of the impacted soil at /above groundwater. This equated to approximately 1,870 in-place cubic yards. However, not all of the soil was impacted. The non-impacted soil and the impacted soil were proposed to be stockpiled separately. After notifying Beazer Homes that the soil volume of 200 cubic yards was reached, Beazer Homes authorized Kleinfelder to remove the additional soil. Mr. Marcus of the SCEMD agreed with the proposed overexcavation.

During the southern tank (T1) overexcavation activities, the impacted and non-impacted soil was separated by use of visual and odor indicators and field screening with a photoionization detector (PID). The PID measures ionizable compounds in the air in parts per million by volume (ppmv). Impacted soil was encountered below the UST at 6 feet bgs, which dipped toward the west to 10.5 feet bgs in the western sidewall. The final excavation dimensions were as proposed (72 in length, 35 feet in width, and 20 feet deep). The excavation boundaries are shown on Plate 2. Kleinfelder calculated approximately 1,100 in-place cubic yards of impacted soil and approximately 770 in-place cubic yards of non-impacted soil were generated as follows:

Excavated Soil Calculation

"Non-Impacted" Soil



Volume = length x width x height

Length = 72 feet
Width = 35 feet

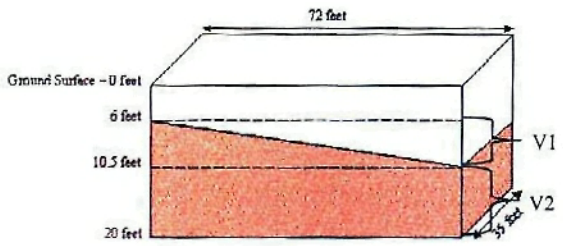
Volume = V1 [(72 x 35 x 4.5) ÷ 2] + V2 (72 x 35 x 6) =

5,670 ft^3 + 15,120 ft^3 = 20,790 ft^3

20,790 ft^3 ÷27ft^3 = 770 yd^3

Excavated Soil Calculation

Impacted Soil



Volume = length x width x height

Length = 72 feet
Width = 35 feet

Volume = V1 [(72 x 35 x 4.5) + 2] + V2 [72 x 35 x (20-10.5)] =

5,670 ft^3 + 23,940 ft^3 = 29,610 ft^3

29,610 ft^3 ÷27ft^3 = 1,100 yd^3

In general, the non-impacted soil consisted of very stiff to hard, dark brown silty clay/clayey silt from the ground surface to approximately 2.5 feet bgs. Below this unit was very stiff to hard,

light brown clayey silt/sandy silt from 2.5 feet bgs to 6 feet bgs in the east sidewall and 10.5 feet bgs in the west sidewall. PID readings ranged from 0 to 6.4 ppmv.

In general, the impacted soil consisted of a very stiff to hard, light brown to gray clayey silt/sandy silt from 6 feet bgs in the east sidewall and 10.5 feet bgs in the west sidewall to approximately 17.5 feet bgs. Below this unit was medium dense, gray brown to gray silty sand that extended to at least the bottom of the excavation at 20 feet bgs. PID readings ranged from 483 to 1,663 ppmv. Groundwater was initially encountered at approximately 20 feet bgs during excavation activities, and rose to approximately 18 feet bgs.

The impacted soil was stockpiled to the west of the excavation, and was placed on and covered with plastic sheeting. The non-impacted soil was stockpiled east of the excavation. Plate 2 shows the approximate stockpile locations. A photographs of the southern excavation is shown below.

4.3 Excavation Confirmation Sampling

4.3.1 Southern UST (T1)

After the southern UST was removed and overexcavation activities were completed, the open excavation was approximately 72 feet long, 35 feet wide and 20 feet bgs. Groundwater was present in the excavation at 18 feet bgs. A minor amount of sheen was observed floating on the groundwater surface. SCEMD recommended Kleinfelder collect confirmation samples to evaluate potential petroleum hydrocarbons remaining in the soil and groundwater at the site. Kleinfelder discussed the number and location of the samples with Mr. Marcus of the SCEMD

prior to sampling. As requested, one groundwater (T1-GW) and 20 soil samples (T1-A through T1-T) were colleted from the excavation. At each sidewall sample location, Kleinfelder collected a shallow, non-impacted soil sample, and a deeper, impacted soil sample. The excavator's bucket was used to collect the sidewall samples. The bucket was brought to the surface and the soil was sampled by Kleinfelder. The soil samples were collected in clean brass tubes and sealed with Teflon sheets and plastic end caps. Care was taken not to collect soil that had been in contact with the bucket. The groundwater sample was collected from the excavation by lowering a new disposable bailer into the groundwater. The water contained in the bailer was transferred into bottles supplied by the laboratory. The samples were placed on ice and transported to the analytical laboratory under chain of custody protocol.

4.3.2 Northern UST (T2)

Prior to performing overexcavation of the soil around the northern tank (T2), Kleinfelder advanced 10 Geoprobe borings to evaluate the lateral and vertical extent of impact. Analytical results of soil and groundwater samples from the Geoprobe borings were used to estimate the volume of soil that would need to be excavated to remove the majority of impacted soil above groundwater. The data suggested that the area/volume of impacted soil was much smaller than in the southern tank (T1). After the northern UST was removed and overexcavation activities were completed, the open excavation was approximately 20 feet long, 18 feet wide and 18 bgs. Groundwater was not present in the excavation. Mr. Marcus of the SCEMD indicated that Geoprobe boring data surrounding the former UST will provide the majority of confirmation sampling required to evaluate potential petroleum hydrocarbons remaining in the soil at the site. However, Mr. Marcus recommended Kleinfelder collect a single confirmation soil sample below where the former UST was located. As requested, one soil sample (T2-18) was colleted at 18 feet bgs from the excavation. The excavator's bucket was used to collect the bottom sample. The bucket was brought to the surface and the soil was sampled by Kleinfelder. The soil sample was collected in a clean brass tube and sealed with Teflon sheets and plastic end caps. Care was taken not to collect soil that had been in contact with the bucket. The sample was placed on ice and transported to the analytical laboratory under chain of custody protocol.

The confirmation sample locations are shown on Plate 3. Copies of Kleinfelder's sample data sheets, summarizing the samples collected and PID reading for each sample, are included in Appendix D.

4.4 Stockpile Soil Sampling

Three separte soil stockpiles (SP1, SP2, and SP3) were generated during the excavation activities of the two USTs. Kleinfelder collected soil samples from the stockpiles to evaluate disposal options and for beneficial use as excavation backfill. Each sample was collected in four clean brass tubes and sealed with Teflon sheets and plastic end caps. The four tubes were composited into a single sample by the laboratory. The soil stockpiles are shown on Plate 2. Copies of Kleinfelder's sample data sheets, summarizing the samples collected and PID reading for each sample, are included in Appendix D.

4.4.1 Southern UST Impacted Stockpile

Approximately 1,100 in-place cubic yards of impacted soil were excavated and stockpiled west of the southern UST excavation (T1). This stockpile was designated as SP1. To evaluate disposal options, Kleinfelder collected 11 composite samples [SP1-(1-4) through SP1-(41-44)] from the stockpiled soil on August 11, 2004.

4.4.2 Southern UST Non-Impacted Stockpile

Approximately 770 in-place cubic yards of non-impacted soil were excavated and stockpiled east of the southern UST excavation (T1). This stockpile was designated as SP2. To evaluate beneficial use as excavation backfill, Kleinfelder collected 8 composite samples [SP2-(1-4) through SP2-(29-32)] from the stockpiled soil on August 11, 2004.

4.4.3 Northern UST Impacted Stockpile

Approximately 200 in-place cubic yards of impacted soil were excavated and stockpiled west of the northern UST excavation (T2). This stockpile was designated as SP3. To evaluate disposal options, Kleinfelder collected two composite samples [SP3-(1-4) and SP3-(5-8)] from the stockpiled soil on September 9, 2004.

5 UST LABORATORY ANALYSIS

A total of 45 samples (44 soil and 1 water) were submitted for laboratory analyses. The samples were submitted under chain-of-custody control to California Laboratory Services (CLS), of

Rancho Cordova, California for analysis. CLS is certified by the State of California for the requested analyses. The samples were analyzed for the following constituents:

- Total petroleum hydrocarbons (TPH) extractable as diesel and motor oil,
- TPH purgeable as gasoline,
- Benzene, toluene, ethylbenzene, and xylenes (BTEX),
- Five fuel oxygenates (MTBE, ETBE, TAME, TBA, and DIPE),
- Fuel additive (1,2-DCA), and
- Total Lead

A summary of the analytical results for the confirmation and stockpile sampling is presented in Table 1. Copies of chain-of-custody forms and analytical laboratory reports are included in Appendix E.

6 UST ANALYTICAL RESULTS

6.1 Excavation Confirmation Samples

6.1.1 Southern UST (T1)

Twenty one soil samples (T1-5 and T1-A through T1-T) and one groundwater sample (T1-GW) were colleted from the southern UST excavation (T1). Total lead was detected in each of the 21 soil samples ranging from 2.9 to 23 mg/kg. Eleven of the 21 soil samples were selected to confirm that the shallow soil remaining at the site was not impacted with petroleum hydrocarbons. These samples were collected at depths ranging from 3 to 8 feet bgs. With the exception of three samples (T1-5, T1-O, and T1-I), petroleum hydrocarbons and associated constituents were not detected above laboratory reporting limits. TPH extractable as motor oil was detected in T1-5 at 13 mg/kg. Total xylenes (18 ug/kg) was the only petroleum hydrocarbon detected in sample T1-I. T1-I was located in the central area of the south sidewall. Benzene, toluene, ethylbenzene, and total xylenes were detected in sample T1-O at 5.9 ug/kg, 14 ug/kg, 5.6 ug/kg, 24 ug/kg, respectively. T1-O was located in the south end of the east sidewall.

Ten of the 21 soil samples were selected to evaluate petroleum hydrocarbon concentrations remaining in the soil at the site. These samples were collected at depths ranging from 15 to 19 feet bgs. TPH extractable as diesel was detected in each of the samples ranging from 57 to 2,800 mg/kg. TPH extractable as motor oil was detected at 19 mg/kg in sample T1-S. TPH purgeable

as gasoline was detected in each of the samples ranging from 2,200 to 690,000 ug/kg. Benzene, toluene, ethylbenzene, and total xylenes were detected in the samples. However, benzene was not detected in soil samples T1-B and T1-D, which were collected from the west sidewall. Benzene concentrations ranged from 55 to 3,300 ug/kg, toluene ranged from 130 to 45,000 ug/kg, ethylbenzene ranged from 34 to 16,000 ug/kg, and total xylenes ranged from 220 to 81,000 ug/kg. The five fuel oxygenates (MTBE, ETBE, TAME, TBA, and DIPE) were not detected above laboratory reporting limits in the 10 samples. With the exception of T1-T, the fuel additive 1,2-DCA was not detected above laboratory reporting limits in the samples. 1,2-DCA was detected at 220 ug/kg in sample T1-T.

TPH extractable as diesel was detected in the groundwater sample T1-GW at 11 mg/L. TPH purgeable as gasoline was detected at 79,000 ug/L. Benzene, toluene, ethylbenzene, and total xylenes were detected at 10,000 ug/L, 14,000 ug/L, 1,600 ug/L, and 9,600 ug/L, respectively. 1,2-DCA was detected at 440 ug/L. Total lead was detected at 56 ug/L. TPH extractable as motor oil and the five fuel oxygenates were not detected above laboratory reporting limits.

6.1.2 Northern UST (T2)

In addition to the Geoprobe boring soil samples, two soil samples (T2-6 and T2-18) were colleted from the northern UST (T2) excavation to evaluate petroleum hydrocarbon concentrations remaining in the soil at the site. Total lead was detected in the two samples ranging at 35 and 7.5 mg/kg, respectively. TPH extractable as diesel was detected at 2,000 mg/kg in sample T2-18 and at 1,800 mg/kg in sample T2-6. TPH purgeable as gasoline was detected at 1,500,000 and 2,000,000 ug/kg, respectively. Benzene was detected at 1,400 and 18,000 ug/kg, toluene at 52,000 and 110,000 ug/kg, ethylbenzene at 37,000 and 50,00 ug/kg, and total xylenes at 140,000 and 240,000 ug/kg, respectively. MTBE was detected in sample T2-6 at 62 ug/kg. TPH extractable as motor oil and 1,2-DCA were not detected above laboratory reporting limits in the two soil samples.

6.2 Stockpile Soil Samples

6.2.1 Southern UST Impacted Stockpile SP1

To evaluate disposal options, 11 composite samples soil samples (SP1-(1-4) through SP1-(41-44) were collected from stockpile SP1. TPH extractable as diesel ranged from 54 to 880 mg/kg, TPH purgeable as gasoline ranged from 78,000 to 770,000 ug/kg, benzene ranged from 150 to

2,400 ug/kg, toluene ranged from 430 to 35,000 ug/kg, ethylbenzene ranged from 850 to 14,000 ug/kg, total xylenes ranged from 5,100 to 82,000 ug/kg, and total lead ranged from 8.2 to 12 mg/kg. The five fuel oxygenates and 1,2-DCA were not detected above laboratory reporting limits.

6.2.2 Southern UST Non-Impacted Stockpile SP2

To evaluate beneficial use as excavation backfill, eight composite soil samples (SP2-(1-4) through SP2-(29-32) were collected from stockpile SP2. Petroleum hydrocarbons were not detected above laboratory reporting limits in the samples. Total lead was detected in each sample ranging from 7.3 to 14 mg/kg.

6.2.3 Northern UST Impacted Stockpile SP3

To evaluate disposal options, two composite samples (SP3-(1-4) and SP3-(5-8) were collected from stockpile SP3. TPH extractable as diesel was detected at 1,100 and 1,000 mg/kg, TPH purgeable as gasoline at 85,000 and 44,000 ug/kg, ethylbenzene at 100 ug/kg (SP3-(5-8), total xylenes at 2,000 and 1,000 ug/kg, and total lead at 16 and 26 mg/kg, respectively. TPH extractable as motor oil, benzene, toluene, the five fuel oxygenates, and 1,2-DCA were not detected above laboratory reporting limits.

7 STOCKPILED SOIL DISPOSAL

On September 14 through 17 and 20 through 22, 2004, Delta Oilfield Services transported the 1,110 in-place cubic yards of stockpiled soil (SP1) from the southern UST excavation and the 200 in-place cubic yards of stockpiled soil (SP3) from the northern UST to Ostrom Landfill in Marysville, California. A loader was used to load a total of 106 end dump trucks, which hauled the soil to the landfill. Each end dump truck load was weighed at the landfill, totaling 1,995 tons of soil. Copies of the disposal manifests are included in Appendix F.

8 SOUTHERN EXCAVATION GROUNDWATER REMOVAL

On August 3, 2004, Kleinfelder retained the services of Ramos Environmental Services to pump approximately 3,000 gallons of groundwater from the southern UST excavation (T1). A 2-inch diameter hose was lowered into groundwater near the southeast corner of the excavation. A

vaccum truck then pumped groundwater from the excavation and into the truck's 3,000 gallon tank. Copies of the disposal manifest is included in Appendix G.

9 EXCAVATION BACKFILLING

Prior to backfilling activities, Kleinfelder discussed the volume of impacted soil removed from the two excavations and the analytical results of the confirmation samples with SCEMD. The objective of the discussion was to evaluate whether or not further excavation would be required by SCEMD. Mr. Marcus of the SCEMD indicated that further removal of impacted soil remaining at the site was not warranted and authorized Kleinfelder to backfill the excavations.

On September 21 and 22, 2004, Delta Oilfield Services backfilled the excavations to grade with the clean overburden soil from the southern excavation (stockpile SP2) and imported crushed rock and soil. The crushed rock was used to prevent the clean soil from contacting the groundwater in the excavation. End dump trucks were used to haul imported gravel and soil to the site. A dozer was used to push and place the gravel and soil into the excavations. The backfill material was not engineered or tested.

9.1 Southern UST (T1)

The southern excavation was approximately 72 feet long, 35 feet wide and 20 feet bgs, which equated to an in-place volume of approximately 1,850 cubic yards. Due to the presence of groundwater at 18 feet bgs, crushed rock was used to fill the excavation to 1-foot above groundwater to allow for soil placement. Clean imported ¾ inch crushed rock was placed from approximately 17 to 20 feet bgs, which equated to approximately 250 cubic yards of gravel.This allowed for the soil to be placed above groundwater. Approximately 600 cubic yards of the clean stockpile (SP2) and 1,000 cubic yards of clean imported soil (sandy silt) were used to backfill the excavation from 17 feet bgs to the surrounding surface grade.

9.2 Northern UST (T2)

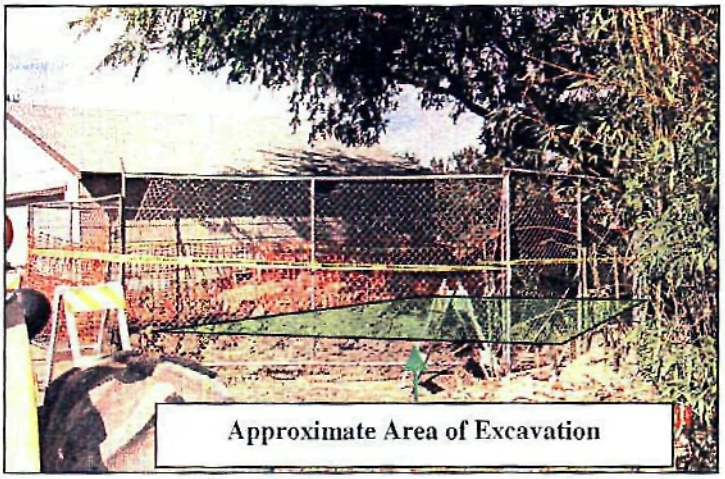
The northern UST was approximately 20 feet long, 18 feet wide and 18 feet bgs, which equated to an in-place volume of approximately 250 cubic yards. Approximately 170 cubic yards of clean soil from stockpile SP2 and 80 cubic yards of clean imported soil (sandy silt) were used to fill the excavation to the surrounding surface grade. Photographs of backfill activities are shown below.

Backfill Activities (Southern Excavation T1)

Backfill Progressing (Southern Excavation T1)

Final Backfill Grade (Southern Excavation T1)

Northern Excavation T2



10 GEOPROBE PERMITTING AND PRE-FIELD ACTIVITIES

To date, 41 Geoprobe borings (GB-1 through GB-41) have been advanced at the site during three separate sampling events (August and November 2003, and August 2004). The borings were advanced to evaluate the extent of petroleum hydrocarbons impact in the soil and shallow groundwater in the vicinity of the former USTs. The following sections describe the field activities and analytical results of the August 2004 Geoprobe soil and groundwater investigation (GB-25 though GB-41) and the recommendation to install a network of groundwater monitoring wells in the vicinity of the former USTs.

The SCEMD requires permits for borings advanced to groundwater. Kleinfelder submitted a boring permit application and associated fees for 17 Geoprobe borings to SCEMD. Copies of the approved permits are included in Appendix H. In addition, soil boring locations were marked in white paint and Underground Service Alert was notified at least 48 hours prior to advancing the borings to notify local utilities of the proposed subsurface assessment.

11 GEOPROBE SAMPLING ACTIVITIES

On August 18 through 20, 2004, 17 Geoprobe borings (GB-25 through GB-41) were advanced to depths ranging from 20 to 22 feet bgs at the locations shown on Plate 2. Three Geoprobe borings (GB-35, GB-37, and GB-38) were advanced on the property located at 3590 Airport Road, which was adjacent and south of the Machado Property. Prior to advancing the three borings, Beazer Homes acquired written authorization (Right of Entry) from the property owner to access the property.

En-Prob Environmental Probing of Oroville, California advanced the Geoprobe borings. While advancing the borings, an environmental geologist logged and classified the soil, and collected soil and groundwater samples for laboratory analysis. Soil samples were obtained from the borings by advancing a Geoprobe core sampler. This consisted of a hollow rod with plastic tubing inside. The probe was driven/pushed at the desired depth, over a 4-foot interval, while the soil sample was collected and contained inside the plastic tubing. Once the sample was brought to the surface, the desired interval was obtained, and the ends of the tubing were sealed with Teflon tape and plastic caps. The soil sample containers were labeled and placed in an iced cooler, pending transfer to the laboratory for analysis.

Prior to sealing the ends of the sample tubes, a photoionization detector (PID) was used to provide a qualitative screening of the soil samples. The PID measures ionizable compounds in the air in parts per million by volume (ppmv), and typically aids in the selection of samples submitted for laboratory analysis. Kleinfelder sample data sheets, summarizing the samples collected and PID readings are included in Appendix D.

In general, the soil consisted of alternating layers of silty clay, clayey silt, and sandy silt to a depth of approximately 16 feet bgs. From approximately 16 to 19 feet bgs a weakly cemented silty sand was encountered. Shallow groundwater was observed in the silty sand.. Groundwater was initially encountered in the borings from 15.5 to 18.5, and stabilized at approximately 18 to 18.5 feet bgs. Below the sand was a weakly to moderately cemented sandy silt. In each of the Geoprobe borings, the sandy silt unit found below groundwater did not appear to be impacted with petroleum hydrocarbons, based on field indicators (visual, odor, and PID). At the request of SCEMD, Kleinfelder prepared a cross section showing the lithology in the vicinity of the former USTs. The section line (A-A') is shown on Plate 4, and the cross section is shown on Plate 5.

In addition to soil samples, a groundwater sample was collected from each of the 17 Geoprobe borings. Temporary PVC pipe and well screen were used to prevent the sides of the boreholes from collapsing so that groundwater could enter the borehole and be sampled. Groundwater samples were collected from the borings by placing new plastic tubing down the PVC pipe and using a peristaltic pump to remove and transfer water into bottles prepared by the laboratory. The groundwater sample containers were labeled and placed in an iced cooler, pending transfer to the laboratory for analysis.

To reduce the potential for cross-contamination between the probe borings, Geoprobe sampling equipment was cleaned prior to advancing each boring. The borings were backfilled with a cement grout to surface grade upon completion of the sampling. A representative of SCEMD was present for grout inspection and approved the grouting method.

12 OFF-SITE DOMESTIC WELL SAMPLING

A domestic well supplies water to the residence located at 3590 Airport Road, which is south of the subject property. The well (DW-Sing) was located approximately 40 feet south of the southern UST (T1) in an enclosed wooden pump house (Plate 2).

Water from the well is pumped into a pressure storage tank located adjacent to the well. Kleinfelder typically collects well water samples from the associated tank. However, the valve on the tank appeared to be rusted and may not have closed properly once opened. Therefore, Kleinfelder collected a water sample from the closest water spigot to the well (approximately 5 feet west of the tank and well). Prior to collecting the water sample, Kleinfelder opened the water spigot valve to remove stagnant water from the piping and replace it with water from the well/tank. The valve was opened for approximately 1 minute, allowing water to purge to the ground surface. Kleinfelder then collected the water sample DW-Sing04 by filled the sample bottles. The sample bottles were labeled and placed into an iced cooler pending transportation to the analytical laboratory under chain-of-custody protocols.

13 GEOPROBE AND DOMESTIC WELL LABORATORY ANALYSIS

A total of 39 Geoprobe samples (22 soil and 17 water) and 1 domestic well water sample were submitted for laboratory analyses. Soil samples from the borings were selected based on visual and odor field indicators and PID readings. Soil samples were selected at various depth intervals to provide data for evaluating zones of impact and non-impact in the borings. The samples were submitted under chain-of-custody control to California Laboratory Services (CLS), of Rancho Cordova, California for analysis. CLS is certified by the State of California for the requested analyses. The samples were analyzed for the following constituents:

- Total petroleum hydrocarbons (TPH) extractable as diesel and motor oil,
- TPH purgeable as gasoline,
- Benzene, toluene, ethylbenzene, and xylenes (BTEX),
- Five fuel oxygenates (MTBE, ETBE, TAME, TBA, and DIPE),
- Fuel additive (1,2-DCA), and
- Total Lead

14 GEOPROBE AND DOMESTIC WELL ANALYTICAL RESULTS

A summary of the analytical results for the Geoprobe samples are presented in Table 2. The domestic well sample results are presented in Table 1. Copies of chain-of-custody forms and analytical laboratory reports are included in Appendix E.

14.1 Geoprobe Borings

- Petroleum hydrocarbons were not detected in the soil or groundwater samples collected from GB-25 and GB-26. These borings were located west and northwest of the northern UST.

14.1.1 Soil

- The five fuel oxygenates and 1,2-DCA were not detected in the soil samples from the Geoprobe borings.
- TPH purgeable as gasoline was detected at 44,000 ug/kg in the soil sample collected from GB-39 at 16 feet bgs. With the exception of this boring, TPH purgeable as gasoline was not detected in soil samples from the remaining borings.
- Petroleum hydrocarbons were not detected in the soil samples collected from GB-29, GB-33, GB-34, and GB-35. Borings GB-29, and GB-33 were located east to southeast of the northern UST. GB-34 was located east of the southern UST, approximately 10 feet east of the east excavation sidewall. GB-35 was located near the northeast corner of the house on the adjacent and south property (3590 Airport Road).
- One or more of the following constituents were detected in the soil samples from GB-27, GB-28, GB-30, GB-31, GB-32, and GB-39: TPH extractable as diesel and motor oil, benzene, ethylbenzene, toluene, and xylenes. Concentrations ranged from 5.9 ug/kg to 540 mg/kg.
- Total lead was detected in 19 of the 22 soil samples, at concentrations ranging from 4 mg/kg to 54 mg/kg.

14.1.2 Groundwater

- With the exception of GB-29, the five fuel oxygenates and 1,2-DCA were not detected in the groundwater samples from the borings. MTBE and 1,2-DCA were detected at 12 ug/L and 4.9 ug/L, respectively, in the groundwater sample from GB-29.
- Low concentrations of TPH extractable as motor oil were detected at 5.5 mg/L and 5.6 mg/L in the groundwater samples from GB-37 and GB-38, respectively. TPH purgeable

as gasoline, BTEX, the five fuel oxygenates, and 1,2-DCA were not detected in the groundwater samples from GB-37 and GB-38. These borings were located west and east, respectively, of the house on the adjacent and south property (3590 Airport Road).

- One or more of the following constituents were detected in the groundwater samples from GB-27, GB-30, GB-31, GB-32, and GB-39: TPH extractable as diesel and motor oil, TPH purgeable as gasoline, benzene, toluene, ethylbenzene, and total xylenes. TPH extractable as diesel ranged from 0.41 mg/L to 11 mg/L, TPH extractable as motor oil ranged from 2.0 mg/L to 31 mg/L , TPH purgeable as gasoline ranged from 89 ug/L to 26,000 ug/L, benzene ranged from 0.70 ug/L to 3,000 ug/L, toluene ranged from 1.1 ug/L to 89 ug/L, ethylbenzene ranged 0.77 ug/L to 1,800 ug/L, and total xylenes ranged from 1.1 ug/L to 2,200 ug/L.

- Total lead was detected in nine of the 17 groundwater samples, at concentrations ranging from 7.8 ug/L to 160 ug/L.

14.2 Off-Site Domestic Well

- With the exception of TPH extractable as motor oil detected at 0.053 mg/L, petroleum hydrocarbons and total lead were not detected above laboratory reporting limits in the domestic well sample (DW-Sing04).

15 CONCLUSIONS

The tank removals and soil sampling were performed in accordance with SCEMD guidelines. The primary sources (two USTs) and a large portion of the secondary source (impacted soil) have been removed from the site.

Based on the analytical results of the Geoprobe borings, impacted groundwater appears to be the primary concern at the site. Kleinfelder compared the detected concentrations reported in the groundwater samples from the August 2004 Geoprobe investigation to the 2003 Water Quality Goals set by the California EPA and the Regional Water Quality Control Board (RWQCB). Maximum contaminant levels (MCLs) are "enforceable standards" for human health protection from chemicals in drinking water. MCLs for gasoline, diesel, and motor oil have not been established; therefore, comparisons were not possible. One or more samples had concentrations detected above the established MCLs for the following constituents: benzene, ethylbenzene, total

xylenes, 1,2-DCA, and total lead. With the exception of total xylenes and 1,2-DCA, these constituents were detected above their respective MCLs in the vicinity of both the southern and northern USTs. Total xylenes and 1,2-DCA were detected above their respective MCLs only in the vicinity of the northern UST. Additionally, the EPA has established a suggested no-adverse-response (SNARL) concentration of 0.100 mg/L for diesel. A SNARL is an estimate of the concentration of chemical(s) in drinking water considered to be 'safe' for human consumption without producing any adverse effect. The six groundwater samples in which diesel was detected (0.41 mg/L to 11 mg/L) at were above the SNARL for diesel.

Plates 6 through 9 show isoconcentration contours for TPH-purgeable as gasoline, benzene, MTBE, and total lead detected in groundwater samples collected from the borings. Isoconcentration contours are an interpretive, graphical representation of the aerial distribution of specific constituents in groundwater. The graphical interpretations are based on a limited dataset, limited in both number and physical distribution. These limitations affect how this graphical depiction may be used. The isoconcentration contours may not be used to predict constituent concentrations at a specific location or area. An appropriate used of this graphic is to compare it with others generated at different times to assess, over a specific period of time, whether or not a constituent's aerial distribution is increasing/decreasing in size, and/or increasing/decreasing in concentration. Plates 6 through 9 show "bullseye" patterns located around each of the former USTs. Based on the patterns, it does not appear that the two impact plumes are commingling. Plates 6, 7, and 9 show that TPH-purgeable as gasoline, benzene, and total lead have migrated from the southern UST to the adjacent and south property (3590 Airport Road). These constituents appear to be present in the groundwater below a portion of the house. Plate 8 shows that MTBE is isolated in the vicinity of the former northern UST and is not found near the southern UST.

Although there is residual petroleum hydrocarbon impact in the soil above the shallow groundwater, analytical results from seven soil samples collected below impacted groundwater did not have detectable concentrations of petroleum hydrocarbons. This suggests that the vertical extent of impact is limited to the bottom of the groundwater zone (approximately 19 to 21 feet bgs).

Although some soil and groundwater are impacted to the south property (3590 Airport Road), the domestic groundwater supply well (DW-Sing) does not appear to be impacted. Kleinfelder has sampled the well on two occasions (November 2003 and August 2004). With the exception of TPH extractable as motor oil detected at 0.053 mg/L, the two samples did not have detectable

concentrations for the constituents analyzed for. The well construction details for the well is unknown; therefore, it is not clear if the first encountered groundwater is being utilized for supplying water to the residence. Kleinfelder will continue to sample the well on a quarterly basis.

One of the objectives of the work that has been performed and will be performed at the site is to provide sufficient documentation in support of obtaining closure of the site. Although the primary sources (USTs) and a large portion of the secondary source (impacted soil) have been removed from the site, residual petroleum hydrocarbons remain in the soil and groundwater.

SCEMD performed a review of the preliminary results of the confirmation and Geoprobe sampling and determined that no further soil removal is required for the two tank locations. Additionally, SCEMD requested that quarterly groundwater monitoring be conducted at the site to evaluate the rate of natural attenuation and the projected date that the groundwater will reach acceptable levels for no further required action. Therefore, six groundwater monitoring wells will be installed at the site, developed, surveyed, and sampled quarterly for one year. Additionally, three wells will be installed in the future roadway of Tanzanite Way after construction of the road is completed. Beazer Homes anticipates the extension of Tanzanite Way will be completed in mid-2005. The wells will be installed as described in Kleinfelder's August 10, 2004 work plan.

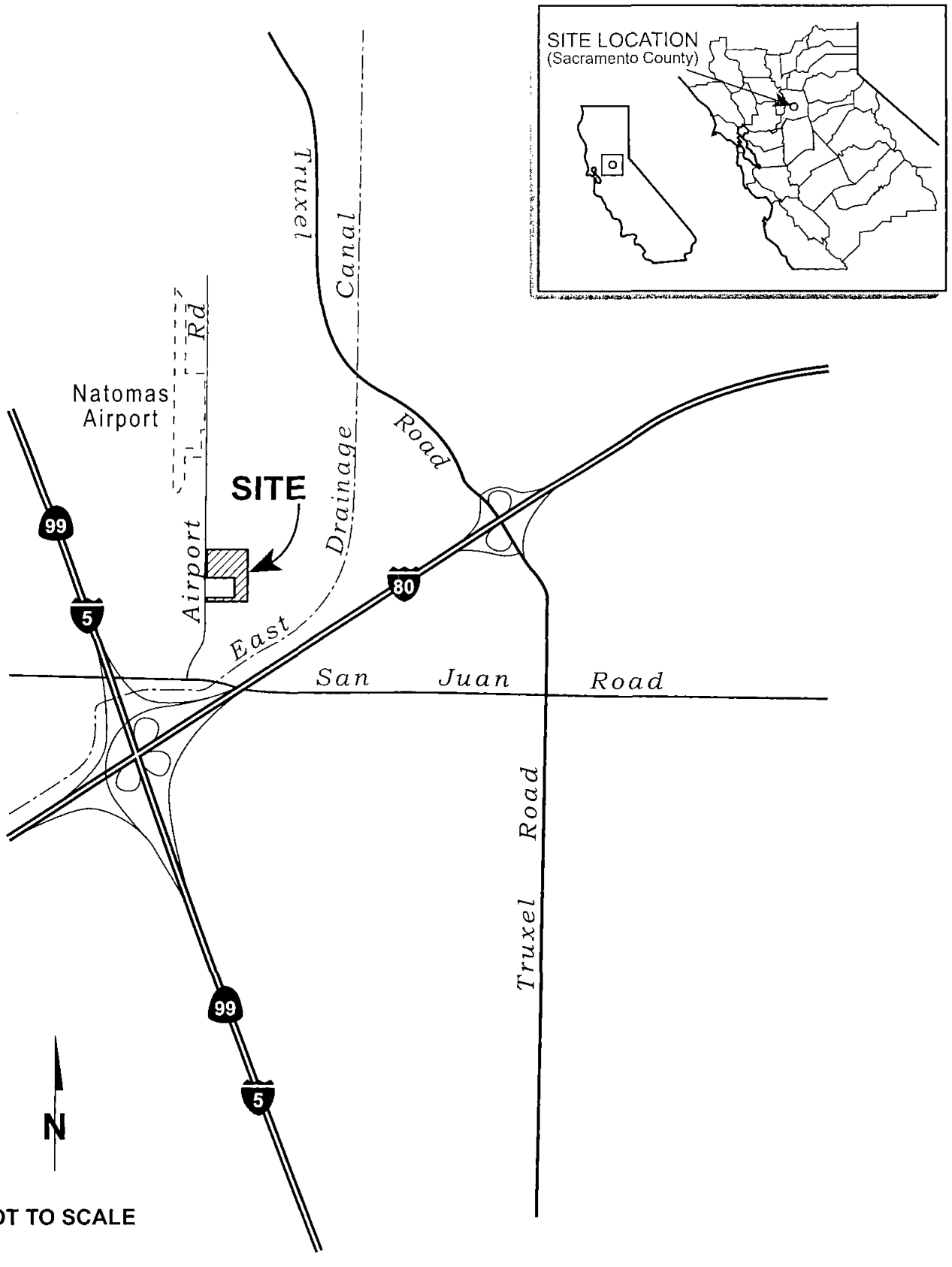
The State Water Resources Control Board (SWRCB) UST Program–AB2886 (Electronic Reporting) requires electronic submittal of data associated with UST sites, which includes (but is not limited to) analytical results and map submittals. Kleinfelder has obtained authorization and is currently working on submitting the required data. SWRCB submittal confirmation numbers will be included in future groundwater sampling reports.

16 LIMITATIONS

This report is subject to the limitations and conditions included in our existing contract with Beazer Homes. The scope of services performed was not intended to be inclusive, to identify all potential concerns, or to eliminate the possibility of environmental problems. Within current technology, no level of assessment can show conclusively that a property or its structures are completely free of hazardous substances. Therefore, Kleinfelder cannot offer a certification that the property is clear of environmental liability.

This report was prepared in general accordance with accepted standards of care, which exist in Northern California at the time the investigation was performed. The scope of work was limited to removal and disposal of two 500-gallon gasoline USTs, confirmation sampling from the two excavations, stockpile soil sampling, soil and groundwater sampling from 17 Geoprobe borings, stockpiled soil disposal, and backfilling of the two excavations. Conclusions are based on information obtained from analytical results provided by California Laboratory Services (CLS) and information provided by the client. It should be recognized that definition and evaluation of subsurface conditions are a difficult and inexact art. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present. More extensive studies, including additional subsurface investigations, may reduce the inherent uncertainties associated with subsurface modeling. If the client wishes to reduce the uncertainty beyond the level associated with this study, Kleinfelder should be notified for additional consultation. No warranty, expressed or implied, is made.

This report may be used only by the client and only for the purposes stated, within a reasonable time from its issuance. Land use, site conditions (both on site and off site) or other factors may change over time, and additional work may be required with the passage of time.



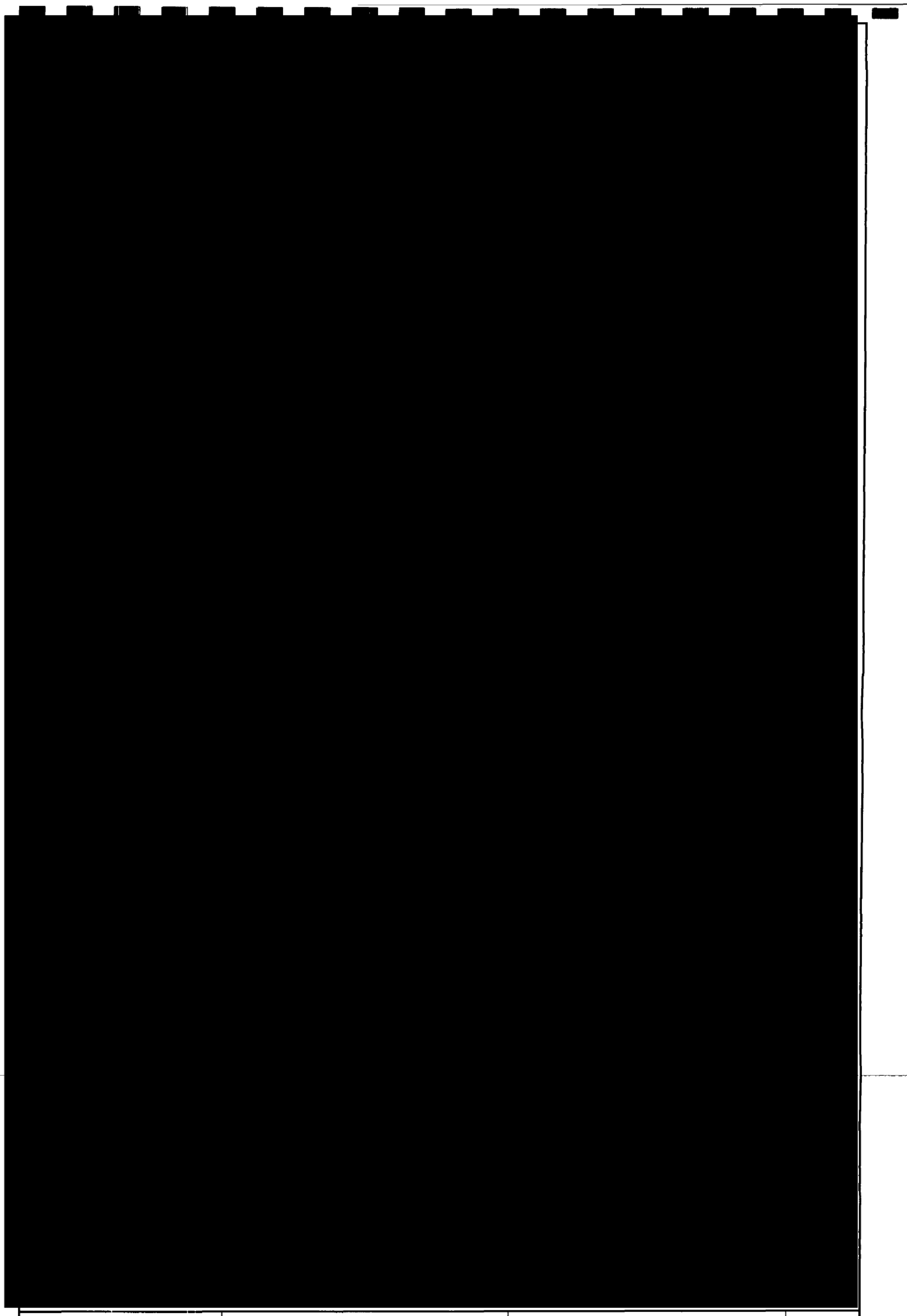
KLEINFELDER

Drawn By: D. Shelhart	Date: 7-28-2004
Project No. 47359-002	Filename: 2856g.fh10

SITE LOCATION MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1



APPROXIMATE SCALE: 1-inch = 70-feet

0 70 140

KLEINFELDER

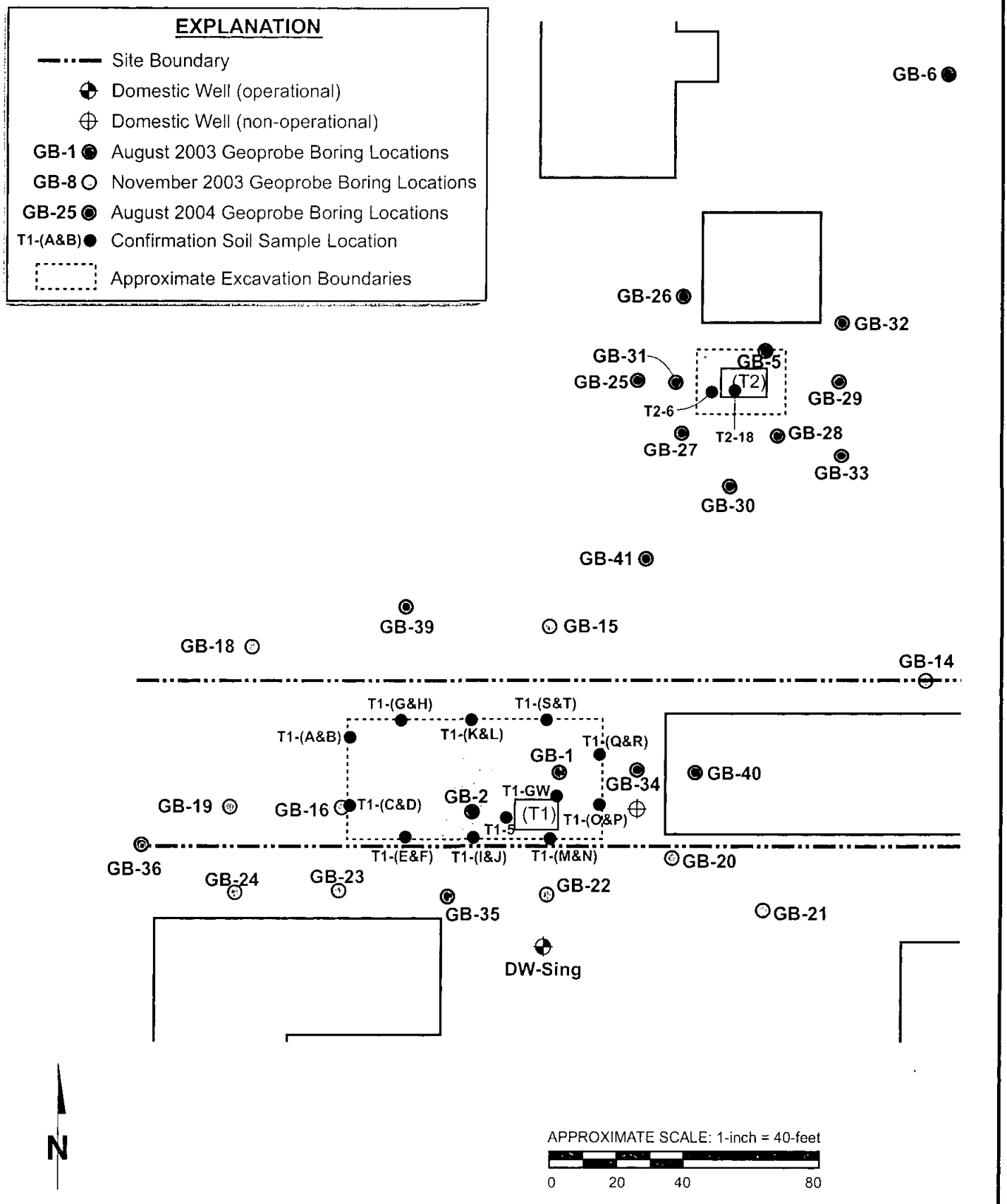
Drawn By: D. Shelhart
Project No. 47359-002

Date: 9-16-2004
Filename: 2856i.fh10

UST EXCAVATION & GEOPROBE BORING MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
2



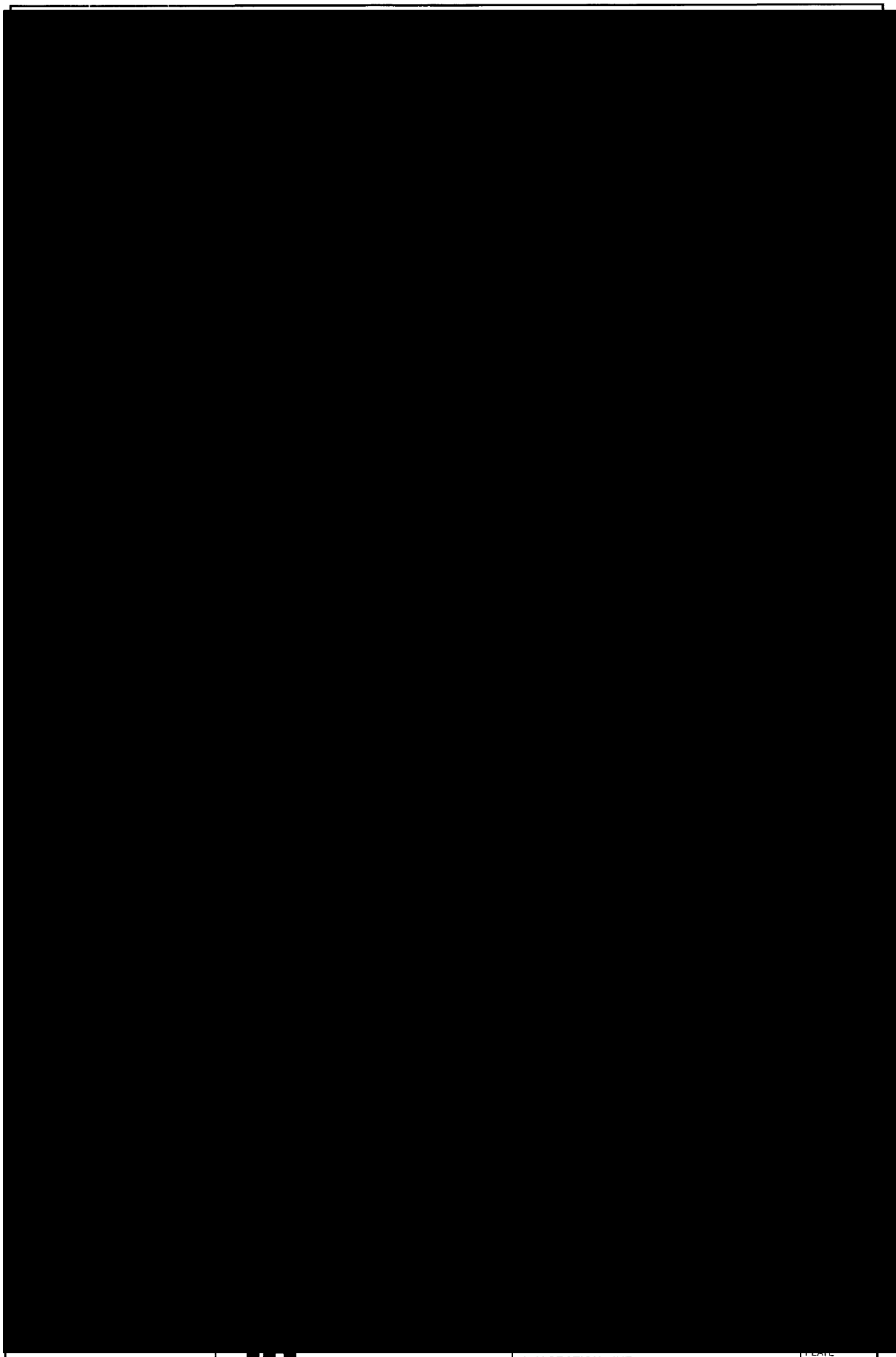
KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856n.fh10

CONFIRMATION SAMPLE LOCATION MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3



APPROXIMATE SCALE: 1-inch = 70-feet

0 70 140

KLEINFELDER

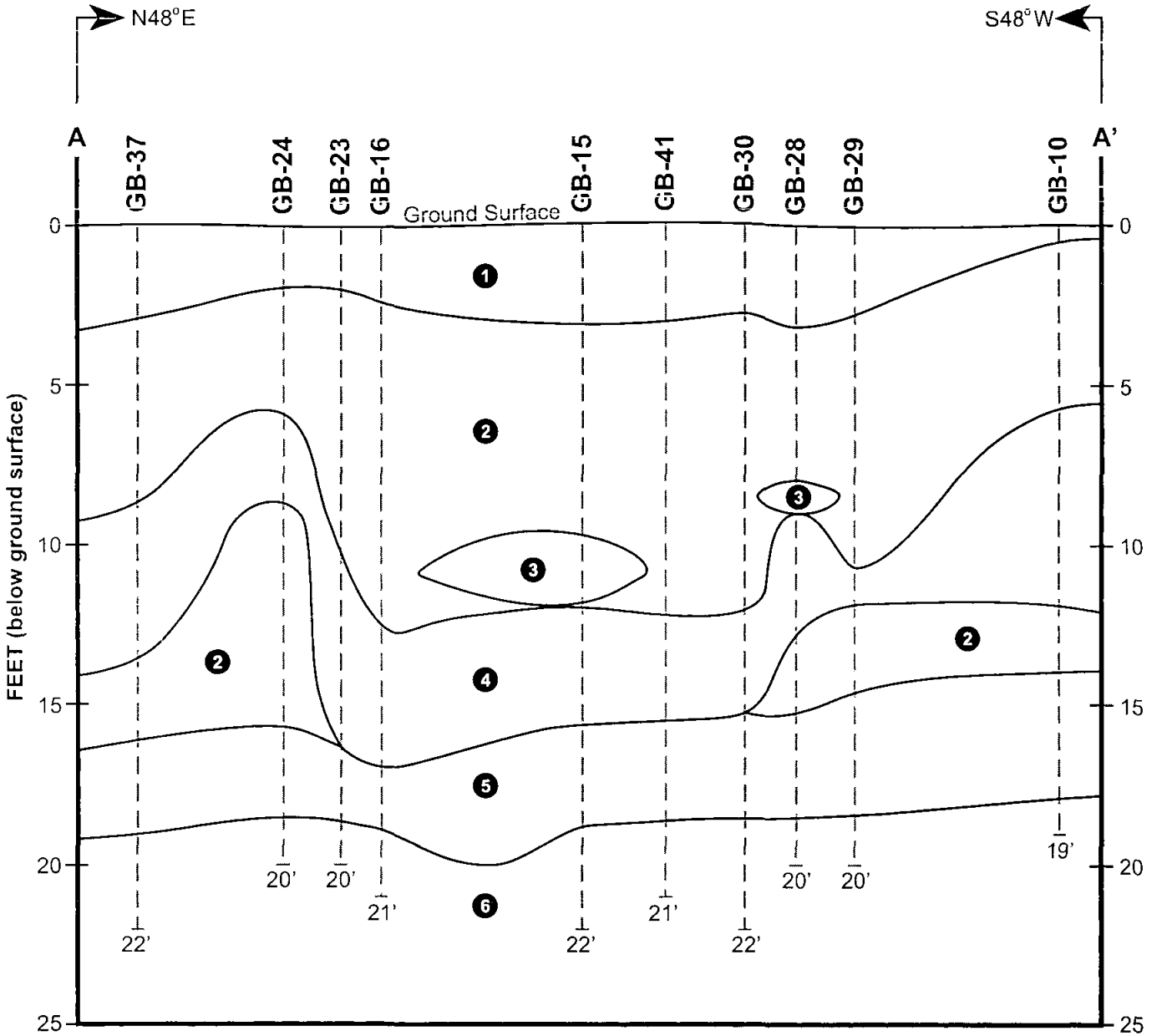
Drawn By: D. Shelhart
Project No. 47359-002

Date: 9-29-2004
Filename: 2856o.fh10

A-A' SECTION LINE

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
4



UNIT	MATERIAL DESCRIPTION
1	**Clayey SILT/Silty CLAY** (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity, some fine sand
2	**Sandy SILT** (ML): Light brown, moist, hard, fine sand, low plasticity, some iron oxidation, weakly cemented, some white caliche stringers throughout
3	**Silty SAND** (SM): Olive-brown, moist, medium dense, fine sand
4	**Clayey SILT/Silty CLAY** (ML/CL): Gray-brown, moist, hard, low plasticity, trace to with fine sand, weakly cemented, some white caliche stringers
5	**Silty SAND** (SM): Gray-green, saturated/wet, medium dense, fine sand, weakly cemented
6	**Sandy SILT** (ML): Light brown, moist, hard, very low plasticity, trace to some clay, white caliche stringers, weakly to moderately cemented

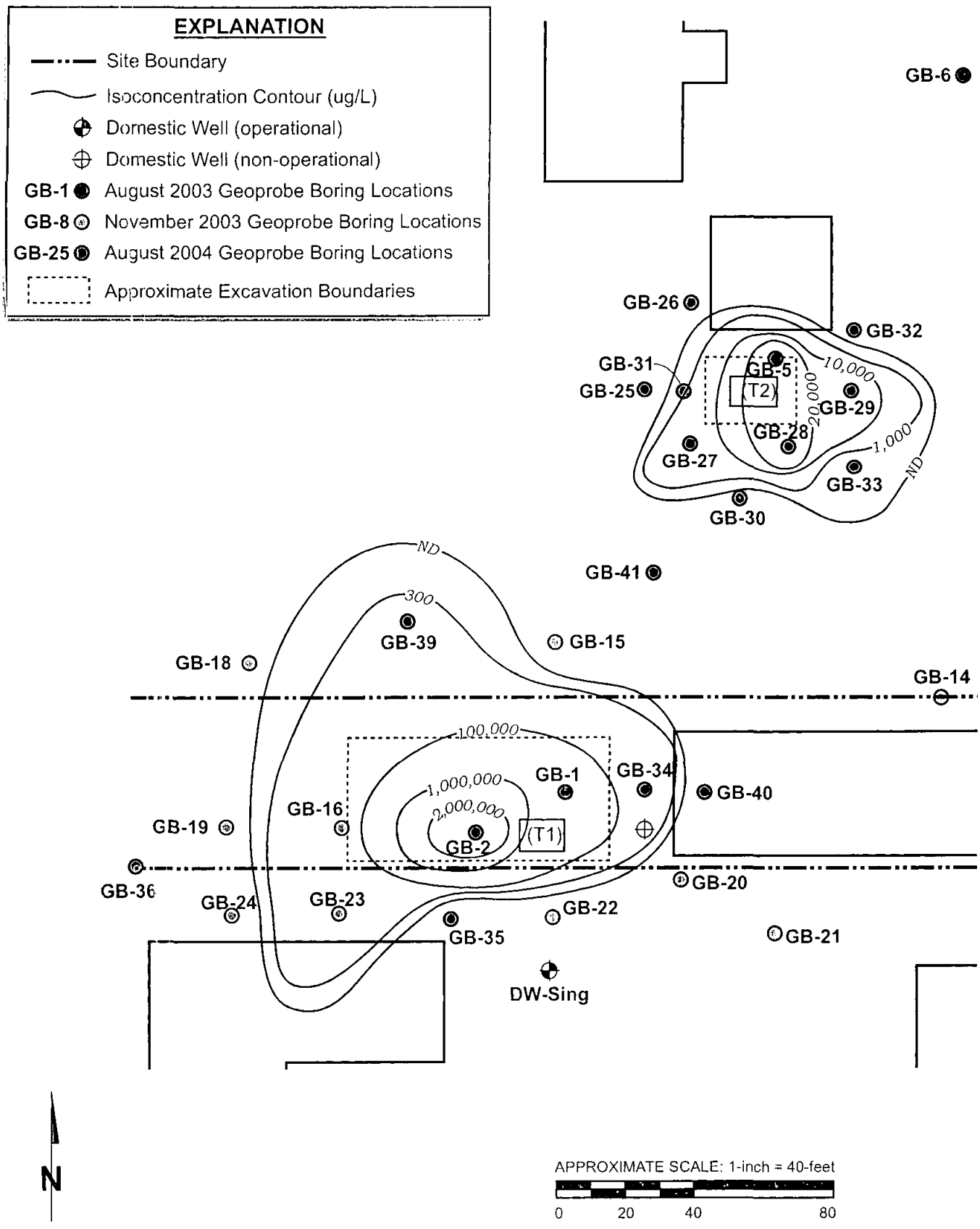
Horizontal Scale: 1"=70'
Vertical Scale: 1"=5'

KLEINFELDER

Drawn By: D. Shelhart
Project No. 47359-002
Date: 9-29-2004
Filename: 2856p.fh10

CROSS SECTION A-A'
MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
5



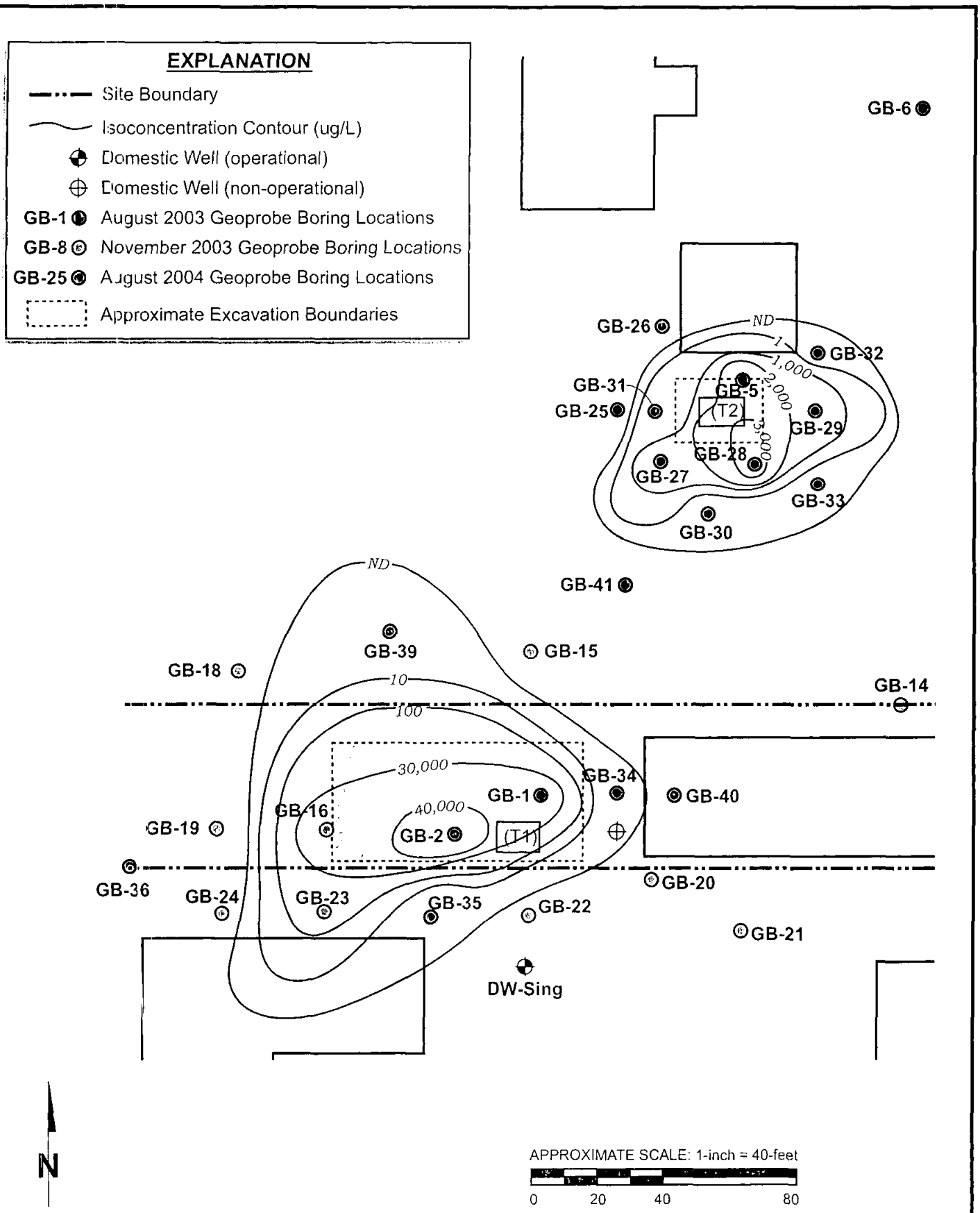
KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856j.fh10

TPH-GASOLINE ISOCONCENTRATION CONTOUR MAP (GROUNDWATER - AUGUST 2004)

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 6



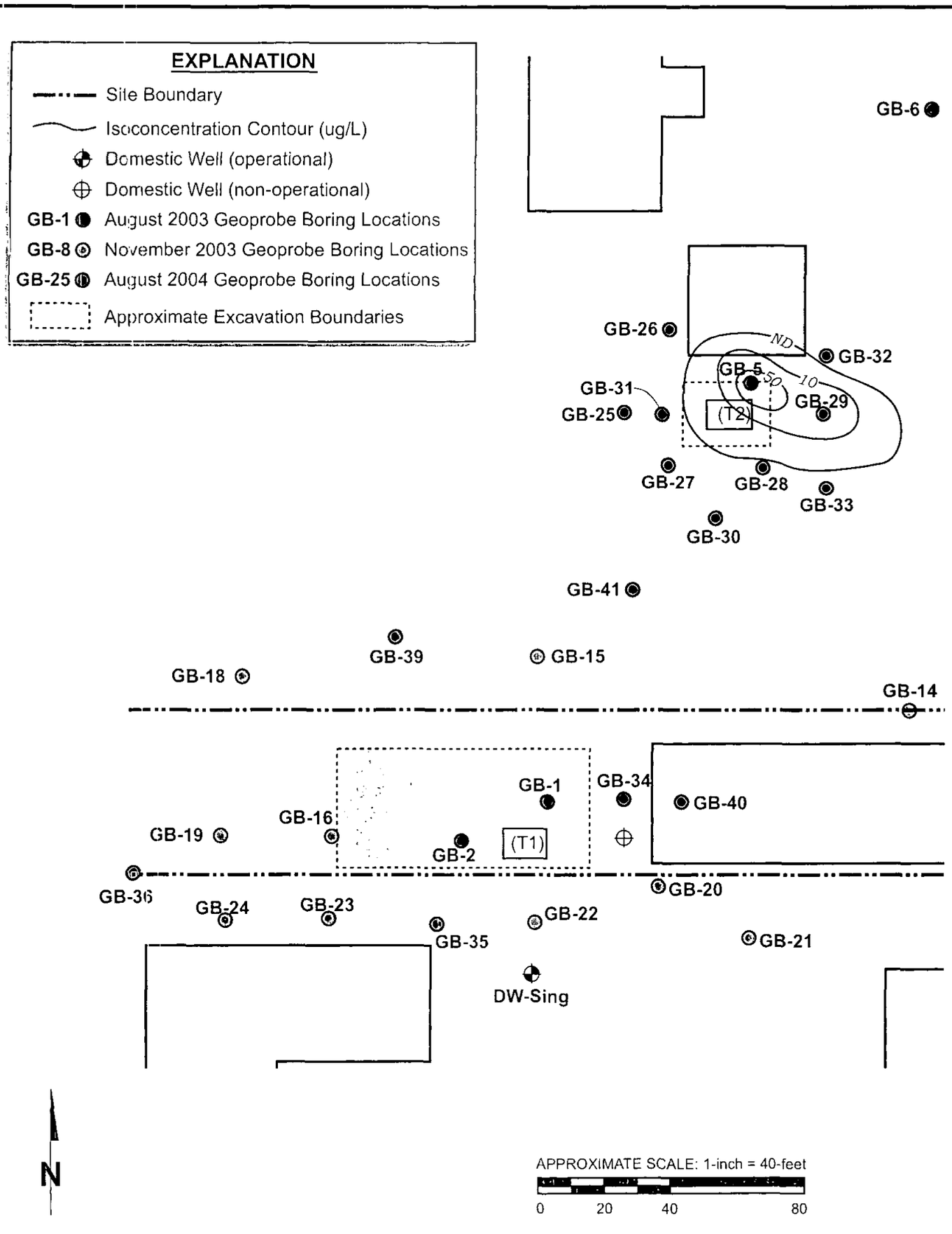
KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856k.fh10

BENZENE ISOCONCENTRATION CONTOUR MAP (GROUNDWATER - AUGUST 2004)

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 7



KLEINFELDER

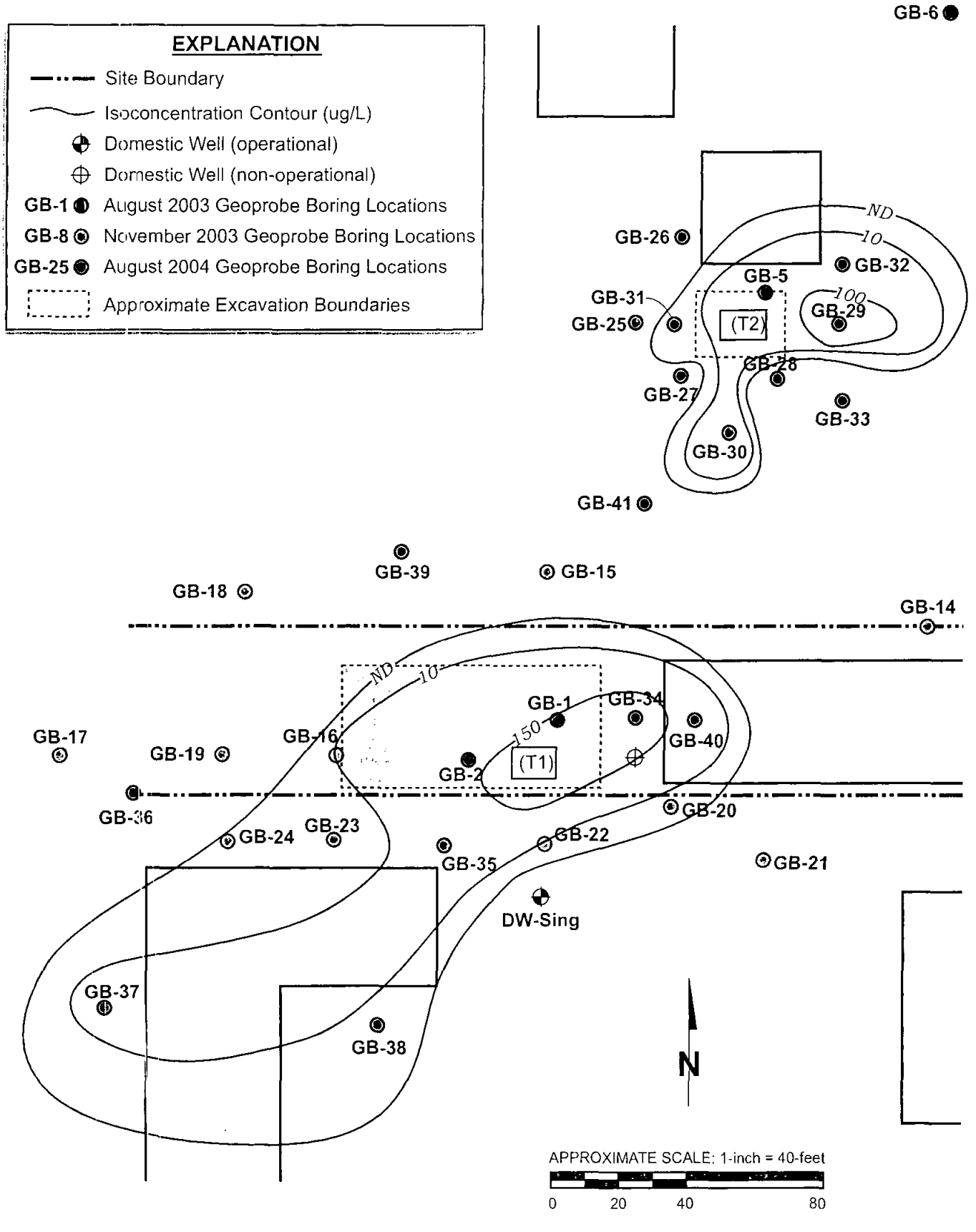
Drawn By: D. Shelhart
Project No. 47359-002

Date: 9-16-2004
Filename: 2856l.fh10

MTBE ISOCONCENTRATION CONTOUR MAP (GROUNDWATER - AUGUST 2004)

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
8



KLEINFELDER

Drawn By: D. Shelhart	Date: 9-16-2004
Project No. 47359-002	Filename: 2856m.fh10

TOTAL LEAD ISOCONCENTRATION CONTOUR MAP (GROUNDWATER - AUGUST 2004)

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 9

Table 1
Excavation Confirmation and Stockpile Sample Summary
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Sample ID	Sample Matrix	Sample Location	Sample Depth (Feet)	Sample Date	TPH Diesel (mg/kg)	TPH Motor Oil (mg/kg)	TPH Gasoline (ug/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Xylenes (ug/kg)	5 Oxygenates (ug/kg)	1,2-DCA (ug/kg)	Total Lead (mg/kg)
South UST (T1) Excavation Confirmation Samples														
T1-5	soil	below UST	5	8/3/2004	< 1.0	13	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	23
T1-A	soil	north end of west sidewall	8	8/6/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	9
T1-B	soil	north end of west sidewall	17	8/6/2004	440	< 1.0	210,000	< 250	430	3,200	15,000	< 10 (TBA < 100)	< 10	9.2
T1-C	soil	south end of west sidewall	8	8/6/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.6
T1-D	soil	south end of west sidewall	17	8/6/2004	540	< 1.0	75,000	ND	350	1,600	8,500	< 10 (TBA < 100)	< 10	11
T1-E	soil	west end of south sidewall	7	8/9/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.8
T1-F	soil	west end of south sidewall	16	8/9/2004	160	< 1.0	270,000	290	2,000	5,500	21,000	< 5.0 (TBA < 50)	12	5.2
T1-G	soil	west end of north sidewall	6	8/9/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.4
T1-H	soil	west end of north sidewall	16	8/9/2004	150	< 1.0	160,000	110	150	1,900	8,100	< 5.0 (TBA < 50)	< 5.0	3.8
T1-I	soil	central south sidewall	5	8/9/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	18	< 5.0 (TBA < 50)	< 5.0	4.7
T1-J	soil	central south sidewall	15	8/9/2004	620	< 1.0	690,000	3,300	45,000	16,000	81,000	< 5.0 (TBA < 50)	< 5.0	4.5
T1-K	soil	central north sidewall	5	8/10/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	6.8
T1-L	soil	central north sidewall	17	8/10/2004	590	< 1.0	620,000	2,900	16,000	8,100	39,000	< 12 (TBA < 120)	< 12	3.7
T1-M	soil	east end of south sidewall	3	8/10/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.9
T1-N	soil	east end of south sidewall	18	8/10/2004	2,800	< 1.0	110,000	2,100	6,900	1,800	8,000	< 12 (TBA < 120)	< 12	3.6
T1-O	soil	south end of east sidewall	4.5	8/10/2004	< 1.0	< 1.0	< 1,000	5.9	14	5.6	24	< 5.0 (TBA < 50)	< 5.0	3.8
T1-P	soil	south end of east sidewall	15.5	8/10/2004	270	< 1.0	120,000	240	3,700	980	6,600	< 25 (TBA < 250)	< 25	4.4
T1-Q	soil	north end of east sidewall	19	8/11/2004	57	< 1.0	2,200	55	130	34	220	< 25 (TBA < 250)	< 25	2.9
T1-R	soil	north end of east sidewall	4	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.7
T1-S	soil	east end of north sidewall	4.5	8/11/2004	< 1.0	19	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.4
T1-T	soil	east end of north sidewall	19	8/11/2004	330	< 1.0	560,000	2,200	14,000	3,900	36,000	< 25 (TBA < 250)	220	7.8
T1-GW	*water*	*southeast quarter of excavation*	*19*	*8/11/2004*	*11 mg/L*	*< 0.50 mg/L*	*79,000 ug/L*	*10,000 ug/L*	*14,000 ug/L*	*1,600 ug/L*	*9,600 ug/L*	*< 20 ug/L (TBA < 200 ug/L)*	*440 ug/L*	*56 ug/L*
North UST (T2) Excavation Confirmation Samples														
T2-6	soil	below UST	6	8/3/2004	1,800	< 1.0	1,500,000	1,400	52,000	37,000	140,000	62 (MTBE)	< 25	35
T2-18	soil	below UST	18	8/6/2004	2,000	< 1.0	2,000,000	18,000	110,000	50,000	240,000	< 2,500 (TBA < 25,000)	< 2,500	7.5
"Impacted" Stockpile (1,100 in-place cubic yards)														
SP1-(1-4)	soil	4-point composite	--	8/11/2004	110	< 1.0	160,000	< 250	4,000	2,400	16,000	< 50 (TBA < 500)	< 50	12
SP1-(5-8)	soil	4-point composite	--	8/11/2004	54	< 1.0	170,000	420	4,800	2,400	13,000	< 50 (TBA < 500)	< 50	6.8
SP1-(9-12)	soil	4-point composite	--	8/11/2004	230	< 1.0	260,000	520	9,900	5,000	25,000	< 50 (TBA < 500)	< 50	8.3
SP1-(13-16)	soil	4-point composite	--	8/11/2004	420	< 1.0	560,000	1,200	22,000	10,000	60,000	< 50 (TBA < 500)	< 50	9.5
SP1-(17-20)	soil	4-point composite	--	8/11/2004	880	< 1.0	430,000	900	18,000	7,700	40,000	< 50 (TBA < 500)	< 50	8.7
SP1-(21-24)	soil	4-point composite	--	8/11/2004	95	< 1.0	130,000	270	3,200	2,100	12,000	< 25 (TBA < 250)	< 25	9.1
SP1-(25-28)	soil	4-point composite	--	8/11/2004	700	< 1.0	770,000	2,400	35,000	14,000	82,000	< 25 (TBA < 250)	< 25	8.2
SP1-(29-32)	soil	4-point composite	--	8/11/2004	600	< 1.0	310,000	520	11,000	5,900	30,000	< 25 (TBA < 250)	< 25	9.5
SP1-(33-36)	soil	4-point composite	--	8/11/2004	93	< 1.0	82,000	< 250	940	1,200	6,900	< 25 (TBA < 250)	< 25	9.5
SP1-(37-40)	soil	4-point composite	--	8/11/2004	160	< 1.0	78,000	< 50	430	850	5,100	< 25 (TBA < 250)	< 25	9
SP1-(41-44)	soil	4-point composite	--	8/11/2004	76	< 1.0	200,000	150	3,100	2,500	14,000	< 25 (TBA < 250)	< 25	8.3
"Clean" Stockpile (800 in-place cubic yards)														
SP2-(1-4)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.3
SP2-(5-8)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	14
SP2-(9-12)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.1
SP2-(13-16)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.6
SP2-(17-20)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	10
SP2-(21-24)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	11
SP2-(25-28)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.9
SP2-(29-32)	soil	4-point composite	--	8/11/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.6
"Impacted" Stockpile (200 in-place cubic yards)														
SP3-(1-4)	soil	4-point composite	--	9/9/2004	1,100	< 1.0	85,000	< 250	< 250	< 250	2,000	< 500 (TBA < 5,000)	< 25	16
SP3-(5-8)	soil	4-point composite	--	9/9/2004	1,000	< 1.0	44,000	< 50	< 50	100	1,000	< 25 (TBA < 250)	< 25	26
Domestic Wells														
20001	*water*	*Machado Property (north well)*	--	*8/22/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*< 5.0 ug/L*	*NA*
DW-Sing	*water*	*Sing Property*	--	*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
DW-Sing04	*water*	*Sing Property*	--	*8/20/2004*	*< 0.050 mg/L*	***0.053 mg/L***	*< 50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*< 5.0 ug/L*

5 oxygenates : MTBE, ETBE, TAME, TBA, DIPE
< 0.5: laboratory reporting limit, non-detected above that limit

mg/kg : milligrams per kilogram (parts per million)
ug/L : micrograms per liter (parts per billion)

mg/L : milligrams per liter (parts per million)
ug/kg : micrograms per kilogram (parts per billion)

NA : not anaiyzed
Water samples are italicized

Table 2
Geoprobe Sample Summary
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Geoprobe Boring ID	Sample ID	Sample Matrix	Sample Depth (Feet)	Sample Date	TPH Diesel (mg/kg)	TPH Motor Oil (mg/kg)	TPH Gasoline (ug/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Xylenes (ug/kg)	5 Oxygenates (ug/kg)	1,2-DCA (ug/kg)	Total Lead (ug/kg)
Geoprobe Borings														
GB-1	30001	soil	9.5--10	8/20/2003	530	< 10	1,400,000	1,700	110,000	37,000	280,000	MTBE 4,500	NA	NA
	11112	*water*		*8/20/2003*	*5.6 mg/L*	*< 0.050 mg/L*	*120,000 ug/L*	*34,000 ug/L*	*27,000 ug/L*	*1,300 ug/L*	*4,400 ug/L*	*< 50 ug/L (TBA < 500 ug/L)*	*NA*	*NA*
GB-2	30002	soil	13.5--14	8/20/2003	200	< 10	880,000	3,000	69,000	20,000	100,000	< 500 (TBA < 5,000)	NA	NA
	11113	*water*		*8/20/2003*	*6 mg/L*	*< 0.050 mg/L*	*2,600,000 ug/L*	*47,000 ug/L*	*42,000 ug/L*	*2,300 ug/L*	*12,000 ug/L*	*< 50 ug/L (TBA < 500 ug/L)*	*NA*	*NA*
GB-3	30003	soil	3.5--4	8/20/2003	< 1.0	12	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	11114	*water*		*8/20/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-4	30004	soil	8.5--9	8/20/2003	< 1.0	7.8	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	11115	*water*		*8/20/2003*	*< 0.050 mg/L*	*2.3 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-5	30005	soil	3.5--4	8/20/2003	< 1.0	10	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	30006	soil	10.5--11	8/20/2003	19	< 1.0	1,400	8	5	21	83	MTBE 12	NA	NA
	11116	*water*		*8/20/2003*	*4.4 mg/L*	*< 0.050 mg/L*	*23,000 ug/L*	*2,500 ug/L*	*1,900 ug/L*	*970 ug/L*	*3,500 ug/L*	*MTBE 57 ug/L*	*NA*	*NA*
GB-6	30007	soil	1.5--2	8/22/2003	< 1.0	5.9	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	11119	*water*		*8/22/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-7	30008	soil	surface--0.5	8/22/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	65
	11120	*water*		*8/22/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 5.0 ug/L (TBA < 50 ug/L)*	*NA*	*NA*
GB-8	11111	soil	9.5--10	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00008	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-9	11112	soil	3.5--4	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00009	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-10	11113	soil	7.5--8	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00010	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-11	11114	soil	11.5--12	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00011	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-12	11115	soil	7.5--8	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00012	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-13	11116	soil	7.5--8	11/11/2003	< 1.0	3.5	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00013	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-14	11117	soil	11.5--12	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00014	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-15	30001	soil	15.5--16	11/12/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00015	*water*		*11/12/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-16	11118	soil	14.5--15	11/12/2003	110	< 1.0	50,000	< 0.50	370	380	1,800	< 5.0 (TBA < 50)	NA	NA
	00016	*water*		*11/12/2003*	*310 mg/L*	*< 0.25 mg/L*	*98,000 ug/L*	*32,000 ug/L*	*16,000 ug/L*	*1,400 ug/L*	*11,000 ug/L*	*< 50 ug/L (TBA < 500 ug/L)*	*NA*	*NA*
GB-17	*00017*	*water*	*11.5--12*	*11/12/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-18	11120	soil	14.5--15	11/12/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00018	*water*		*11/12/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-19	11121	soil	13--13.5	11/11/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00019	*water*		*11/11/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-20	11122	soil	15.5--16	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00020	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-21	11123	soil	11.5--12	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00021	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-22	11124	soil	12.5--13	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00022	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*0.71 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-23	11125	soil	13.5--14	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00023	*water*		*11/13/2003*	*3 mg/L*	*< 0.050 mg/L*	*10,000 ug/L*	*140 ug/L*	*110 ug/L*	*500 ug/L*	*290 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-24	11126	soil	11.5--12	11/13/2003	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	NA	NA
	00024	*water*		*11/13/2003*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*NA*	*NA*
GB-25	GB25-11	soil	10.5-11	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.5
	GB25-14.5	soil	14-14.5	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.1
	GB25-GW	*water*	*18.5*	*8/18/2004*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-26	GB26-15	soil	14.5-15	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.8
	GB26-22	soil	21.5-22	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	< 12
	GB26-GW	*water*	*18.5*	*8/18/2004*	*< 0.050 mg/L*	*< 0.050 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-27	GB27-11	soil	10.5-11	8/18/2004	< 1.0	11	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4
	GB27-14	soil	13.5-14	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.8
	GB27-22	soil	21.5-22	8/18/2004	< 1.0	5.2	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.1
	GB27-GW	*water*	*18*	*8/18/2004*	*2.5 mg/L*	*< 0.050 mg/L*	*5,300 ug/L*	*1,400 ug/L*	*9.0 ug/L*	*430 ug/L*	*230 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-28	GB28-15	soil	14.5-15	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	9.7	11	< 5.0 (TBA < 50)	< 5.0	4.7
	GB28-20	soil	19.5-20	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	6.7
	GB28-GW	*water*	*18*	*8/19/2004*	*< 0.050 mg/L*	*< 0.050 mg/L*	*26,000 ug/L*	*3,000 ug/L*	*89 ug/L*	*1,800 ug/L*	*2,200 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-29	GB29-13.5	soil	13-13.5	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	7.7
	GB29-20	soil	19.5-20	8/18/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8
	GB29-GW	*water*	*17.5*	*8/19/2004*	*4.8 mg/L*	*2.0 mg/L*	*12,000 ug/L*	*1,600 ug/L*	*25 ug/L*	*940 ug/L*	*1,800 ug/L*	*MTBE 12 ug/L*	*4.9 ug/L*	*110 ug/L*
GB-30	GB30-16	soil	15.5-16	8/19/2004	< 1.0	230	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	54
	GB30-GW	*water*	*18*	*8/19/2004*	*< 0.050 mg/L*	*5.9 mg/L*	*< 50 mg/L*	*0.82 ug/L*	*1.1 ug/L*	*0.77 ug/L*	*1.4 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*20 ug/L*
GB-31	GB31-15.5	soil	15-15.5	8/19/2004	< 1.0	8.4	< 1,000	21	< 5.0	6.6	< 10	< 5.0 (TBA < 50)	< 5.0	6.3
	GB31-20	soil	19.5-20	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.9
	GB31-GW	*water*	*18.5*	*8/19/2004*	*0.52 mg/L*	*31 mg/L*	*1,000 ug/L*	*170 ug/L*	*6.4 ug/L*	*24 ug/L*	*6.1 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*9.6 ug/L*
GB-32	GB32-12	soil	11.5-12	8/19/2004	< 1.0	2.4	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.8
	GB32-20	soil	19.5-20	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.6
	GB32-GW	*water*	*18*	*8/19/2004*	*< 0.050 mg/L*	*6.1 mg/L*	*< 50 mg/L*	*0.72 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*17 ug/L*
GB-33	GB33-15	soil	14.5-15	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	5.8
	GB33-20	soil	19.5-20	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.6
	GB33-GW	*water*	*18*	*8/19/2004*	*0.60 mg/L*	*30 mg/L*	*89 ug/L*	*0.70 ug/L*	*1.2 ug/L*	*1.0 ug/L*	*2.4 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-34	GB34-12	soil	11.5-12	8/19/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	4.6
	GB34-GW	*water*	*18.5*	*8/19/2004*	*11 mg/L*	*13 mg/L*	*12,000 ug/L*	*6.8 ug/L*	*20 ug/L*	*360 ug/L*	*940 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*160 ug/L*
GB-35	GB35-14	soil	13.5-14	8/20/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	8.5
	GB35-22	soil	21.5-22	8/20/2004	< 1.0	< 1.0	< 1,000	< 5.0	< 5.0	< 5.0	< 10	< 5.0 (TBA < 50)	< 5.0	< 2.5
	GB35-GW	*water*	*18.5*	*8/20/2004*	*< 0.050 mg/L*	*10 mg/L*	*< 50 mg/L*	*3.5 ug/L*	*< 0.50 ug/L*	*1.1 ug/L*	*1.4 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*7.8 ug/L*
GB-36	*GB36-GW*	*water*	*18.5*	*8/20/2004*	*< 0.050 mg/L*	*17 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*1.1 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-37	*GB37-GW*	*water*	*18*	*8/20/2004*	*< 0.050 mg/L*	*5.5 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*12 ug/L*
GB-38	*GB38-GW*	*water*	*18*	*8/20/2004*	*< 0.050 mg/L*	*5.6 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*9.7 ug/L*
GB-39	GB39-16	soil	15.5-16	8/20/2004	7.8	< 1.0	44,000	5.9	57	290	540	< 5.0 (TBA < 50)	< 5.0	< 2.5
	GB39-GW	*water*	*18.5*	*8/20/2004*	*0.41 mg/L*	*6.9 mg/L*	*340 ug/L*	*1.3 ug/L*	*5.6 ug/L*	*2.9 ug/L*	*15 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*
GB-40	*GB40-GW*	*water*	*18.5*	*8/20/2004*	*< 0.050 mg/L*	*4.0 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*14 ug/L*
GB-41	*GB41-GW*	*water*	*18*	*8/20/2004*	*< 0.050 mg/L*	*3.1 mg/L*	*< 50 mg/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 0.50 ug/L*	*< 1.0 ug/L*	*< 0.50 ug/L (TBA < 5.0 ug/L)*	*< 0.50 ug/L*	*< 5.0 ug/L*

5 oxygenates : MTBE, ETBE, TAME, TBA, DIPE
< 0.5: laboratory reporting limit, non-detected above that limit

mg/kg : milligrams per kilogram (parts per million)
ug/L : micrograms per liter (parts per billion)

mg/L : milligrams per liter (parts per million)
ug/kg : micrograms per kilogram (parts per billion)

NA : not analyzed
Water samples are italicized

COUNTY OF SACRAMENTO

Environmental Management Department
Mel Knight, Director

Richard Sanchez, Chief
Environmental Health
Dennis Green, Chief
Hazardous Materials
Cecilia Jensen, Chief
Water Protection Division

July 29, 2004

Beazer Homes
3721 Douglas Road
Roseville, CA 95661

To Whom It May Concern:

RE: REMOVE 2 UST's AT RESIDENCE, 3600 AIRPORT ROAD, SACRAMENTO, CA 95827
REMOVAL AUTHORITY NUMBER R04-033

Please refer to your application to remove the underground storage tanks at the site address listed above.

REMOVAL AUTHORITY

Authorization to remove the underground storage tanks is hereby granted with the following conditions:

1. The Hazardous Materials Division shall be notified at least 48 hours prior to removal. **Please have the removal authority number and site address ready when calling for your inspection appointment.** Tanks shall not be removed unless a representative from HMD is on site.

2. All encroachment, access or other permits (public agency or private) shall be the responsibility of the property owner/operator/contractor (or agent of) to research and obtain, prior to the UST removal.

3. Tanks shall be rinsed and inerted prior to removal.

4. Comply with the conditions set forth under Sections II & III of the "Consolidated Application for Authority to Remove Underground Storage Tanks."

5. The cutting of tanks on-site is prohibited under City of Sacramento Ordinance 7902.1.7.4.1.

6. Soil analytical results, performed by certified labs, shall be forwarded to the SCHMD as soon as possible (analytical results shall include copies of chain-of-custody, lab quality control data, and sampling plot map). No site can be closed until the analytical results have been reviewed.

7. ***This removal authority expires six months from the date of this letter.*** Commencing work under this authority to remove the underground storage tanks shall be deemed acceptance of all the conditions specified. This authorization does not allow violations of any applicable rule, regulation, or code. The owner shall be deemed responsible to secure the property and excavation from unauthorized personnel at all times.

If you have any questions, please call me at (916) 875-8553.

Sincerely,

Richard Leibold
Hazardous Materials Specialist

RL:dp

c: W.A. Craig, Inc.

W:\Data\Green\3600 AIRPORT RD REMOVAL APPROVAL.doc

Please print or type.

GCS CONSULTING & SERVICES
NON HAZARDOUS
WATER-SOIL
WASTE MANIFEST

EPA ID No. | Manifest Document No. | 2. Page of | Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number

B. State Generator's ID

4. Generator's Phone ( )

5. Transporter 1 Company Name | 6.

7. GCS CONSULTING & SERVICES CO
P.O BOX 3803
NAPA, CALIFORNIA
94558-0380

9.

GCS CONSULTING & SERVICES
NON HAZARDOUS
WATER-SOIL
WASTE MANIFEST

r's ID
one
r's ID
one

( )

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	7 DRUMS - NON HAZARDOUS WATER 450 RICHARDS ROAD, SAC. (TESTED) W.A. CRAIG ENV. (CALIVADA FOODS)	007	T	15	55 GAL	NON-HAZ WATER
b. X	2 DRUMS - NON-HAZARDOUS WATER 3600 AIRPORT RD, SAC. (TESTED) W.A. CRAIG ENV.	002	T	12	55 GAL	NON-HAZ WATER-SOIL
c.						
d.						

J. Additional Descriptions for Materials Listed Above

GCS CONSULTING & SERVICES
NON HAZARDOUS
WATER-SOIL
WASTE MANIFEST

10-55 GALLON SEALED WATER DRUMS

15. Special Handling Instructions and Additional Information

TESTED NON-HAZ - TRANSPORT - BULK PUMPED CLEARWATER ENVIR.
MAXUM ENVIR.
(FILTERED / TO WATER TREATMENT)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month Day Year
W.A. CRAIG	NON-HAZ (PAPERS)	

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
BRANDON GARDNER	Brandon Gardner	10/9/2014

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

NON-HAZ

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year

EPA Form 8700-22

GCS CONSULTING & SERVICES
NON HAZARDOUS
WATER-SOIL
WASTE MANIFEST

W. A. CRAIG, INC.
Environmental Contracting and Consulting
6940 Tremont Road
Dixon, California 95620
Contractor and Hazardous Substances License #455752
e-mail; tech@wacraig.com
(800) 522-7244
Dixon (707) 693-2929 Napa (707) 252-3353
Fax: (707) 693-2922

TANK DISPOSAL CERTIFICATION

DATE: 8-6-04 JOB# 4263 TIME: 12:00 PM

TANK OWNER: Machado Ranch SITE: 3600 Airport Rd Sacramento, CA

PERMIT ISSUED: Yes BY:

TANK DESCRIPTION: (2) 500 gallon Single Wall Steel Tanks.

RINSATE: Hot Water - High pressure Washer

INERTED: Dry ice MADE NON-HAZARDOUS: Yes

W. A. Craig certifies that this tank has been cleaned, made non-hazardous and has been hauled as a non-hazardous load to a metal recycler/licensed disposal site.

Signed: W. A. Craig II, President
R.E.A. #01414 (exp. 6/30/03)

8/6/04
Date

HAULED BY:

Signature

Kelly Lawrence
Print Name

DISPOSED AT: Simms Metals Sacramento

DATE: 8/6/04 Part of Large Load

C:\Peter\TANK DISPOSAL CERTIFICATE.doc

WEIGHMASTER CERTIFICATE

TRUCK SCALE ** MANUAL TICKET **

SIMS METAL

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster, whose signature is on this certificate, who is a registered weighmaster of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of California Business and Professions Code, and registered by the Division of Measurement Standards of the California Department of Food and Agriculture.

TICKET #: TBAVVH

Purchased From: MACR00
H.A.Craig, Inc.
6940 Treasure Rd
Dixon CA 95620

17 SACRAMENTO
130 NORTH 12TH STREET
SACRAMENTO CA 95814
916-444-3380

Veh # TK 9879295 TD # 9879295 Order # 8360 Ln 01 Vendor SO

SHPMNT#	COMMODITY	GROSS	TARE	NET	ADJ REASON	% DARS	RED G/W	RD EXT PD WT	PRICE	TOTAL AMT
091669	#1 Unprepared -	45500A	32640M	12860		.0	.00	12860	45.0000NT	289.35

ALL WEIGHTS ARE REPORTED IN POUNDS UNLESS OTHERWISE INDICATED. ALL NON-POUND WEIGHTS ARE ASSUMED TO BE MANUAL WEIGHTS

TOTALS	45500	32640	12860	.0	.00	12860	289.35

TICKET COMMENT: MOS79295-WILL CRAIG,II

WEIGHMASTER SIGNATURE (Evelyn Lopez)

CUSTOMER SIGNATURE

WMS Date 08/06/04 M.T.
WMS Time 13:46 5.8332
TRE Date 08/06/04
TRE Time 14:08

NOT REFUNDABLE MORE THAN 90 DAYS FROM DATE ABOVE

In accordance with the Clean Air Act, our scale mount complies the CFC Statement on the back of the yellow copy of this Weighmaster Certificate for any recyclables in this machine which may have contained CFC refrigerants.

PERSONAL VEHICLE SCALE: I hereby certify, under penalty of perjury, that any vehicles self have been cleared for demanding with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: Seller agrees to indemnify and hold buyer harmless from damages, demands and liabilities, including reasonable attorneys fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

WHOLESALE: I warrant that I have permit (Seller's representative) of the material described hereon and have the right to sell same, that it contains no Hazardous Material as defined on the reverse side of yellow copy of this form or otherwise by any federal or state law and that for payment hereby received, I sell and convey this to Sims Metal.

M-MANUAL WEIGHT

CUSTOMER RECEIPT

CONTROL NUMBER 3106515

PRINTED ON RECYCLED PAPER

SAMPLE DATA SHEET

KLEINFELDER

Project Name: Machado Ranch
Project No.: 47359-001
P.O. No.: / CHAIN-OF-CUSTODY #
Sampler Name, No.: Steve Dalton 1178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
South UST	8-3-04	1055	T1-5	5' bgs directly below UST	850	CLS		clayey silt
north UST	↓	1100	T2-6	16' bgs directly below UST	1025			clayey silt some sand
South UST	8-10-04	15:38	T1-A	(north) west sidewall 8' bgs "clean"	0			sandy silt w/some clay
		15:43	T1-B	(north) west sidewall 17' bgs "impacted"	767			sandy silt
		15:35	T1-C	(south) west sidewall 8' bgs "clean"	0			sandy silt
	↓	15:46	T1-D	(south) west sidewall 17' bgs "impacted"	1325			sandy silt
	8-9-04	0910	T1-E	(west) south sidewall 7' bgs "clean"	0			clayey silt
		0915	T1-F	(west) south sidewall 16' bgs "impacted"	830			sandy silt
		1045	T1-G	(west) north sidewall 10' bgs "clean"	5.0			silty clay/clayey silt
		1050	T1-H	(west) north sidewall 16' bgs "impacted"	870			sandy clayey silt
		1345	T1-I	(central) south sidewall 5' bgs "clean"	0			silty clay/clayey silt
	↓	1350	T1-J	(central) south sidewall 15' bgs "impacted"	975			clayey silt
	8-10-04	725	T1-K	central N 5' bgs Sidewall	158			clayey silt
		930	T1-L	Central N 17' bgs Sidewall	1282			clayey silt
		10 15	T1-M	East South 3' bgs wall	Ø			silty clay
		13 30	T1-N	East South 18' bgs wall	1115			silty clay
		10 58	T1-O	South East 4 1/2' bgs Sidewall	Ø			clayey silt
	↓	14 50	T1-P	South East 15 1/2' bgs Sidewall	1106			clayey silt/silt stone
	8-11-04	10 23	T1-Q	north East 19' bgs wall	423			clayey silt
		10 42	T1-R	north East 4' bgs wall	Ø			clayey silt
		1302	T1-S	East north 4 1/2' bgs wall	982			clayey silt
↓	↓	1307	T1-T	East north 19' bgs wall	9	↓		clayey silt

SAMPLE DATA SHEET

KLEINFELDER

Project Name Machado Ranch

Project No. 47359-001

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No. Sue Gardner / 4098 /

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
SP1	8-11-04	10:20	SP1-1		1280	CLS	see COC	SOIL
		10:21	SP1-2		870			
		10:22	SP1-3		1298			
		10:23	SP1-4		1495			
		10:24	SP1-5		1285			
		10:25	SP1-6		483			
		10:26	SP1-7		1172			
		10:27	SP1-8		1155			
		10:28	SP1-9		1141			
		10:29	SP1-10		1200			
		10:30	SP1-11		1178			
		10:31	SP1-12		1294			
		10:32	SP1-13		1626			
		10:33	SP1-14		1024			
		10:34	SP1-15		1420			
		10:35	SP1-16		1457			
		10:36	SP1-17		1604			
		10:37	SP1-18		1423			
		10:38	SP1-19		885			
		10:39	SP1-20		1024			
		10:40	SP1-21		1150			
		10:41	SP1-22		550			
		10:42	SP1-23		1324			
		10:43	SP1-24		890			
		13:15	SP1-25		1099			

SAMPLE DATA SHEET

KLEINFELDER

Project Name Machado Ranch

Project No. 47359-001

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No. Sue Gardner 4098

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
SP1	8-11-04	13:16	SP1-26		1138	CLS	see COC	Soil
		13:17	SP1-27		948			
		13:18	SP1-28		1022			
		13:19	SP1-29		1266			
		13:20	SP1-30		1240			
		13:21	SP1-31		1620			
		13:22	SP1-32		1321			
		13:23	SP1-33		1219			
		13:24	SP1-34		996			
		13:25	SP1-35		1181			
		13:26	SP1-36		860			
		13:27	SP1-37		861			
		13:28	SP1-38		866			
		13:29	SP1-39		1420			
		13:30	SP1-40		991			
		13:31	SP1-41		906			
		13:32	SP1-42		1663			
		13:33	SP1-43		693			
		13:34	SP1-44		1423			
				end				

Forms89-37

SAMPLE DATA SHEET KLEINFELDER

Project Name Machado Ranch

Project No. 47359-001

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No. Sue Gardner/4098

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
SP2	8-11-04	14:20	SP2-1		4.0	CLS	See COC	Soil
		14:21	SP2-2		6.4			
		14:22	SP2-3		3.3			
		14:23	SP2-4		4.8			
		14:24	SP2-5		Ø			
		14:25	SP2-6		3.1			
		14:26	SP2-7		2.2			
		14:27	SP2-8		4.2			
		14:28	SP2-9		2.2			
		14:29	SP2-10		2.3			
		14:30	SP2-11		1.6			
		14:31	SP2-12		1.3			
		14:32	SP2-13		1.4			
		14:33	SP2-14		1.6			
		14:34	SP2-15		1.3			
		14:35	SP2-16		1.5			
		14:36	SP2-17		1.3			
		14:37	SP2-18		0.3			
		14:38	SP2-19		0.8			
		14:39	SP2-20		0.7			
		14:40	SP2-21		0.6			
		14:41	SP2-22		0.8			
		14:42	SP2-23		0.9			
		14:43	SP2-24		0.7			
↓	↓	14:44	SP2-25		0.6	↓	↓	↓

SAMPLE DATA SHEET KLEINFELDER

Project Name Machado Ranch
Project No. 47359-001
P.O. No. / CHAIN-OF-CUSTODY #
Sampler Name, No. Sue Gardner/ 4098 /

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
SP2	8-11-04	14:45	SP2-26		0.8	CLS	see COC	SOIL
↓	↓	14:46	SP2-27		1.1	↓	↓	↓
		14:47	SP2-28		1.3			
		14:48	SP2-29		1.3			
		14:49	SP2-30		0.7			
		14:50	SP2-31		0.3			
↓	↓	14:51	SP-32		0.5	↓	↓	↓

end

SAMPLE DATA SHEET KLEINFELDER

Project Name Machado Ranch
Project No. 47359-2
P.O. No. / CHAIN-OF-CUSTODY #
Sampler Name, No. Steve Dalton 4178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-25	8-18-04	0835		3.5-4	0			soil
		0840		6.5-7	10.1			
		0845	GB25-11	10.5-11	0			
		0850	GB25-14.5	14-14.5	5.6			
		0900		16.5-17	44			
		0915		19.5-20	0.2			
↓		1105	GB25-GW	▽ 18.5	—			water
GB-26		0950		3.5-4	5.0			soil
		0955		6.5-7	2.7			
		1000		10.5-11	1.3			
		1010	GB26-15	14.5-15	1.0			
		1015		16.5-17	0			
		1025		19.5-20	0			
		1030	GB26-22	21.5-22	0			
↓		1055	GB26-GW	▽ 18.5	—			water
GB-27		1130		3.5-4	0			soil
		1134		6.5-7	0			
		1140	GB27-11	10.5-11	0			
		1142		12.5-13	0			
		1150	GB27-14	13.5-14	377			
		1200		14.5-15	35.7			
		1210		16.5-17	43			
		1215	GB27-14	21.5-22	0			
↓	↓	1225	GB27-GW	▽ 18	—			water

SAMPLE DATA SHEET KLEINFELDER

Project Name Machado Ranch
Project No. 47359-2
P.O. No. / CHAIN-OF-CUSTODY #
Sampler Name, No. Steve Dalton 4178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-28	8-18-04	1255		3.5-4	0			Soil
		1310		6.5-7	0			
		1315		10.5-11	0			
		1320		12.5-13	0			
		1325	GB28-15	14.5-15	25.5			
		1335		17-17.5	1158			
	↓	1345	GB28-20	19.5-20	49			↓
↓	8-19-04	0800	GB28-GW	▽ 18	—			water
GB-29	8-18-04	1445		3.5-4	0			Soil
		1448		6.5-7	0			
		1450		10.5-11	0			
		1455	GB29-13.5	13-13.5	0			
		1505		15.5-16	497			
	↓	1515	GB29-20	19.5-20	174			↓
↓	8-19-04	0815	GB29-GW	▽ 17.5	—			water
GB-30		0920		4.5-5	0			Soil
		0925		7.5-8	0			
		0930		11.5-12	0			
		0940	GB30-16	15.5-16	0			↓
↓	↓	1010	GB30-GW	▽ 18	—			water

SAMPLE DATA SHEET KLEINFELDER

Project Name Machado Ranch
Project No. 47359-2
P.O. No. / CHAIN-OF-CUSTODY #
Sampler Name, No. Steve Dalton 4178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-31	8-19-04	1030		3.5-4	0			soil
		1035		7.5-8	0			
		1040		11.5-12	0			
		1045	GB31-15.5	15-15.5	55			
		1050	GB31-20	19.5-20	0			
		1110	GB31-GW	▽ 18.5	—			water
GB-32		1130		3.5-4	0			soil
		1135		7.5-8	0			
		1145	GB32-12	11.5-12	0			
		1155	GB32-20	19.5-20	0			
		1210	GB32-GW	▽ 18	—			water
GB-33		1310		3.5-4	0			soil
		1313		7.5-8	0			
		1320		11.5-12	0			
		1325		14.5-15	0			
		1330		19.5-20	0			
		1345	GB33-GW	▽ 18	—			water
GB-34		1440		3.5-4	0			soil
		1445		7.5-8	0			
		1450		9.5-10	19.7			
		1458	GB34-12	11.5-12	33			
		1500		14.5-15	759			
		1530	GB34-GW	▽ 18.5	—			water

SAMPLE DATA SHEET KLEINFELDER

Project Name Machado Ranch

Project No. 47359-2

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No. Steve Dalton 4178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-35	8-20-04	0755		3.5-4	0			soil
↓	↓	0800		6.5-7	0			↓
		0805		10.5-11	0			
		0810	GB35-14	13.5-14	0			
		0815		16.5-17	10			
		0820	GB35-22	21.5-22	0			↓
↓		0830	GB35-GW	▽ 18.5	—			water
GB-36		0855		3.5-4	0			soil
↓		0900		7.5-8	0			↓
		0905		10.5-11	0			
		0910		13.5-14	0			
		0915		16.5-17	0			
		0920		21.5-22	0			↓
↓		0935	GB36-GW	▽ 18.5	—			water
GB-37		0955		3.5-4	0			soil
↓		1000		6.5-7	0			↓
		1005		11.5-12	0			
		1010		14.5-15	0			
		1015		17.5-18	0			
		1020		21.5-22	0			↓
↓	↓	1030	GB37-GW	▽ 18	—			water

SAMPLE DATA SHEET KLEINFELDER

Project Name Machado Ranch

Project No. 47359-2

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No. Steve Dalton 4178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-38	8-20-04	1045		3.5-4	0			Soil
		1050		7.5-8	0			
		1055		11.5-12	0			
		1100		15.5-16	0			
		1105		19.5-20	0			
		1115	GB38-GW	▽ 18	—			water
GB-39		1233		3.5-4	0			Soil
		1240		7.8-8	0			
		1245		11.5-12	0			
		1250		13.5-14	12			
		1255	GB39-16	15.5-16	120			
		1305	GB39-GW	▽18.5	—			water
GB-40		1330		3.5-4	7.8			Soil
		1335		7.5-8	0			
		1340		11.5-12	0			
		1345		15.5-16	0			
		1350		21.5-22	0			
		1355	GB40-GW	▽ 18.5	—			water
GB-41		1445		3.5-4	0			Soil
		1450		7.5-8	0			
		1455		11.5-12	0			
		1500		15.5-16	0			
		1510	GB41-GW	▽18	—			water
Singapore well		1600	DW-Sing04	—	—			

Forms89-37

SAMPLE DATA SHEET

KLEINFELDER

Project Name Machado Ranch

Project No. 47359-001

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No. Dave Aubel 15536

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
SP-3	9/9/04	14:16	SP3(1-4)		NA	CLS	See COC	soil
↓	↓	14:35	SP3(5-8)		↓	↓	↓	↓

SAMPLE DATA SHEET

KLEINFELDER

Project Name Machado Ranch

Project No. 47359-001

P.O. No. CHAIN-OF-CUSTODY #

Sampler Name, No. Steve Dalton / 4178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
T2	9-16-04	13:50	T2-18		980	CLS	See COC	Soil

Forms89-37

KLEINFELDER

CNH0169

PROJECT NO.	PROJECT NAME
47359-001	Machado Ranch

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)
as above	Steve Dalton / 4178

RECEIVING LAB: Attn: Scott F. CLS

INSTRUCTIONS/REMARKS

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CON-TAINERS	TYPE OF CON-TAINERS	ANALYSIS: TPH-Extractable (Motor Oil/Diesel)	TPH-Purgeable (Gasoline)	BTEX	5 Oxygenates	1,2-DCA	Total Lead
1	8-3-04	1055	T1-5	soil	1	brass tub	X	X	X	X	X	
2	↓	1100	T2-6	↓	↓	↓	X	X	X	X	X	
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	8-5-04 / 1430	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Sue Gardner	8-5-04 / 1550	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	8-5-04 / 1550	

Instructions/Remarks:

Rush 48 hr TAT.

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Steve Dalton

M-60

White – Sampler

Canary – Return Copy To Shipper

Pink – Lab Copy

CHAIN OF CUSTODY

№ 16083

CALIFORNIA LABORATORY SERVICES

08/11/04 14:23

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0164**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16083

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-5 (CNH0164-01) Soil Sampled: 08/03/04 10:55 Received: 08/05/04 15:50									
Diesel	ND	1.0	mg/kg	1	CN06077	08/06/04	08/09/04	EPA 8015M	
Motor Oil	**13**	1.0	"	"	"	"	"	"	
T2-6 (CNH0164-02) Soil Sampled: 08/03/04 11:00 Received: 08/05/04 15:50									
Diesel	**1800**	50	mg/kg	50	CN06077	08/06/04	08/09/04	EPA 8015M	D-02
Motor Oil	ND	1.0	"	1	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:23

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0164**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16083

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-5 (CNH0164-01) Soil Sampled: 08/03/04 10:55 Received: 08/05/04 15:50									
Gasoline	ND	1000	µg/kg	1	CN06122	08/06/04	08/06/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*70-130*		"	"	"	"	
T2-6 (CNH0164-02) Soil Sampled: 08/03/04 11:00 Received: 08/05/04 15:50									
Gasoline	**1500000**	250000	µg/kg	250	CN06122	08/06/04	08/06/04	8015GRO/8021 B	GAS-1
Benzene	**1400**	1200	"	"	"	"	"	"	
Toluene	**52000**	1200	"	"	"	"	"	"	
Ethylbenzene	**37000**	1200	"	"	"	"	"	"	
Xylenes (total)	**140000**	2500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*151 %*	*70-130*		"	"	"	"	*S-04*

CALIFORNIA LABORATORY SERVICES

08/11/04 14:23

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0164**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16083

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-5 (CNH0164-01) Soil Sampled: 08/03/04 10:55 Received: 08/05/04 15:50									
Lead	23	2.5	mg/kg	1	CN06089	08/06/04	08/06/04	EPA 6010B	
T2-6 (CNH0164-02) Soil Sampled: 08/03/04 11:00 Received: 08/05/04 15:50									
Lead	35	2.5	mg/kg	1	CN06089	08/06/04	08/06/04	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:23

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0164**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16083

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-5 (CNH0164-01) Soil Sampled: 08/03/04 10:55 Received: 08/05/04 15:50									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06072	08/05/04	08/05/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*60-140*		"	"	"	"	
T2-6 (CNH0164-02) Soil Sampled: 08/03/04 11:00 Received: 08/05/04 15:50									
Di-isopropyl ether	ND	25	µg/kg	5	CN06072	08/05/04	08/05/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**62**	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*60-140*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:23

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0164**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16083

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06077 - LUFT-DHS GCNV										
Blank (CN06077-BLK1)				Prepared: 08/06/04 Analyzed: 08/09/04						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
LCS (CN06077-BS1)				Prepared: 08/06/04 Analyzed: 08/09/04						
Diesel	53.5	1.0	mg/kg	50.0		107	65-135			
LCS Dup (CN06077-BSD1)				Prepared: 08/06/04 Analyzed: 08/09/04						
Diesel	50.0	1.0	mg/kg	50.0		100	65-135	6.76	30	
Matrix Spike (CN06077-MS1)		Source: CNH0164-01		Prepared: 08/06/04 Analyzed: 08/09/04						
Diesel	52.7	1.0	mg/kg	50.0	ND	105	59-138			
Matrix Spike Dup (CN06077-MSD1)		Source: CNH0164-01		Prepared: 08/06/04 Analyzed: 08/09/04						
Diesel	53.6	1.0	mg/kg	50.0	ND	107	59-138	1.69	37	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:23

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0164**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16083

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06122 - EPA 5030 Soil GC										
Blank (CN06122-BLK1)				Prepared & Analyzed: 08/06/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*102*		"	*100*		*102*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*106*		"	*100*		*106*	*70-130*			
LCS (CN06122-BS1)				Prepared & Analyzed: 08/06/04						
Benzene	103	5.0	µg/kg	100		103	69-120			
Toluene	104	5.0	"	100		104	74-120			
Ethylbenzene	106	5.0	"	100		106	76-121			
Xylenes (total)	322	10	"	300		107	81-121			
Surrogate: o-Chlorotoluene (BTEX)	*100*		"	*100*		*100*	*70-130*			
LCS Dup (CN06122-BSD1)				Prepared & Analyzed: 08/06/04						
Benzene	103	5.0	µg/kg	100		103	69-120	0.00	30	
Toluene	102	5.0	"	100		102	74-120	1.94	30	
Ethylbenzene	106	5.0	"	100		106	76-121	0.00	30	
Xylenes (total)	321	10	"	300		107	81-121	0.311	30	
Surrogate: o-Chlorotoluene (BTEX)	*100*		"	*100*		*100*	*70-130*			
Matrix Spike (CN06122-MS1)		**Source: CNH0164-01**		Prepared & Analyzed: 08/06/04						
Benzene	103	5.0	µg/kg	100	ND	103	51-123			
Toluene	106	5.0	"	100	ND	106	61-123			
Ethylbenzene	105	5.0	"	100	ND	105	65-124			
Xylenes (total)	319	10	"	300	ND	106	66-125			
Surrogate: o-Chlorotoluene (BTEX)	*99.8*		"	*100*		*99.8*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/11/04 14:23

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0164**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16083

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06122 - EPA 5030 Soil GC										
Matrix Spike Dup (CN06122-MSD1)		**Source: CNH0164-01**		Prepared & Analyzed: 08/06/04						
Benzene	106	5.0	µg/kg	100	ND	106	51-123	2.87	30	
Toluene	108	5.0	"	100	ND	108	61-123	1.87	30	
Ethylbenzene	107	5.0	"	100	ND	107	65-124	1.89	30	
Xylenes (total)	325	10	"	300	ND	108	66-125	1.86	30	
Surrogate: o-Chlorotoluene (BTEX)	*101*		"	*100*		*101*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/11/04 14:23

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0164**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16083

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06089 - EPA 3050B										
Blank (CN06089-BLK1)				Prepared & Analyzed: 08/06/04						
Lead	ND	2.5	mg/kg							
LCS (CN06089-BS1)				Prepared & Analyzed: 08/06/04						
Lead	25.3	2.5	mg/kg	25.0		101	75-125			
LCS Dup (CN06089-BSD1)				Prepared & Analyzed: 08/06/04						
Lead	24.6	2.5	mg/kg	25.0		98.4	75-125	2.81	25	
Matrix Spike (CN06089-MS1)			Source: CNH0164-01	Prepared & Analyzed: 08/06/04						
Lead	46.1	2.5	mg/kg	25.0	23	92.4	75-125			
Matrix Spike Dup (CN06089-MSD1)			Source: CNH0164-01	Prepared & Analyzed: 08/06/04						
Lead	43.4	2.5	mg/kg	25.0	23	81.6	75-125	6.03	30	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:23

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0164**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16083

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06072 - Volatiles										
Blank (CN06072-BLK1)				Prepared & Analyzed: 08/05/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
1,2-Dichloroethane	ND	5.0	"							
Surrogate: Toluene-d8	*56.1*		"	*50.0*		*112*	*60-140*			
LCS (CN06072-BS1)				Prepared & Analyzed: 08/05/04						
Methyl tert-butyl ether	40.0	5.0	µg/kg	50.0		80.0	60-140			
Surrogate: Toluene-d8	*45.4*		"	*50.0*		*90.8*	*60-140*			
LCS Dup (CN06072-BSD1)				Prepared & Analyzed: 08/05/04						
Methyl tert-butyl ether	41.4	5.0	µg/kg	50.0		82.8	60-140	3.44	30	
Surrogate: Toluene-d8	*45.1*		"	*50.0*		*90.2*	*60-140*			

CALIFORNIA LABORATORY SERVICES

08/11/04 14:23

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0164**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16083

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GAS-1	Although sample contains compounds in the retention time range associated with gasoline, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on gasoline.
D-02	Hydrocarbon pattern present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

KLEINFELDER

ENVIRO

PROJECT NO.	PROJECT NAME
47359-001	Machado Ranch

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)
as above	Steve Dalton/4178

RECEIVING LAB: CLS (Attn: Scott)

INSTRUCTIONS/REMARKS

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CON-TAINERS	TYPE OF CON-TAINERS	ANALYSIS: TPH-Purgeable (Gasoline)	BTEX	5 Oxygenates	1,2-DCA	TPH-Extractable (Diesel)	Total Lead
1	8-9-04	0910	T1-E	Soil	1	brass tube	X	X	X	X	X	X
2		0915	T1-F									
3		1045	T1-G									
4		1050	T1-H									
5		1345	T1-I									
6		1350	T1-J									
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15												
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17												
18												
19												
20												

* Fax draft results to Steve Dalton & Ron Hill 316-[redacted]7013

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	8-12-04 08:17	CLS
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	8/12/04 08:35	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	8-12-04 835	

Instructions/Remarks:

~~Standard 5-DAY TAT~~

Rush 3-Day TAT

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Steve Dalton
sdalton@Kleinfelder.com

M-60

White – Sampler

Canary – Return Copy To Shipper

Pink – Lab Copy

CHAIN OF CUSTODY

№ 16236

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-E (CNH0392-01) Soil	**Sampled: 08/09/04 09:10**	**Received: 08/12/04 08:35**							
Diesel	ND	1.0	mg/kg	1	CN06266	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
T1-F (CNH0392-02) Soil	**Sampled: 08/09/04 09:15**	**Received: 08/12/04 08:35**							
Diesel	**160**	5.0	mg/kg	5	CN06266	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	1	"	"	"	"	
T1-G (CNH0392-03) Soil	**Sampled: 08/09/04 10:45**	**Received: 08/12/04 08:35**							
Diesel	ND	1.0	mg/kg	1	CN06266	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
T1-H (CNH0392-04) Soil	**Sampled: 08/09/04 10:50**	**Received: 08/12/04 08:35**							
Diesel	**150**	5.0	mg/kg	5	CN06266	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	1	"	"	"	"	
T1-I (CNH0392-05) Soil	**Sampled: 08/09/04 13:45**	**Received: 08/12/04 08:35**							
Diesel	ND	1.0	mg/kg	1	CN06266	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
T1-J (CNH0392-06) Soil	**Sampled: 08/09/04 13:50**	**Received: 08/12/04 08:35**							
Diesel	**620**	10	mg/kg	10	CN06266	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	1	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-E (CNH0392-01) Soil Sampled: 08/09/04 09:10 Received: 08/12/04 08:35									
Gasoline	ND	1000	µg/kg	1	CN06322	08/16/04	08/16/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*107 %*	*70-130*		"	"	"	"	
T1-F (CNH0392-02) Soil Sampled: 08/09/04 09:15 Received: 08/12/04 08:35									
Gasoline	**270000**	50000	µg/kg	50	CN06364	08/17/04	08/17/04	8015GRO/8021 B	GAS-1
Benzene	**290**	250	"	"	"	"	"	"	
Toluene	**2000**	250	"	"	"	"	"	"	
Ethylbenzene	**5500**	250	"	"	"	"	"	"	
Xylenes (total)	**21000**	500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*129 %*	*70-130*		"	"	"	"	
T1-G (CNH0392-03) Soil Sampled: 08/09/04 10:45 Received: 08/12/04 08:35									
Gasoline	ND	1000	µg/kg	1	CN06322	08/16/04	08/16/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*100 %*	*70-130*		"	"	"	"	
T1-H (CNH0392-04) Soil Sampled: 08/09/04 10:50 Received: 08/12/04 08:35									
Gasoline	**160000**	20000	µg/kg	20	CN06364	08/17/04	08/17/04	8015GRO/8021 B	GAS-1
Benzene	**110**	100	"	"	"	"	"	"	
Toluene	**150**	100	"	"	"	"	"	"	
Ethylbenzene	**1900**	100	"	"	"	"	"	"	
Xylenes (total)	**8100**	200	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*151 %*	*70-130*		"	"	"	"	*S-04*
T1-I (CNH0392-05) Soil Sampled: 08/09/04 13:45 Received: 08/12/04 08:35									
Gasoline	ND	1000	µg/kg	1	CN06322	08/16/04	08/16/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-I (CNH0392-05) Soil Sampled: 08/09/04 13:45 Received: 08/12/04 08:35									
Xylenes (total)	**18**	10	µg/kg	1	CN06322	08/16/04	08/16/04	8015GRO/8021 B	
Surrogate: o-Chlorotoluene (Gas)		*109 %*	*70-130*		"	"	"	"	
T1-J (CNH0392-06) Soil Sampled: 08/09/04 13:50 Received: 08/12/04 08:35									
Gasoline	**690000**	250000	µg/kg	250	CN06364	08/17/04	08/17/04	8015GRO/8021 B	
Benzene	**3300**	1200	"	"	"	"	"	"	
Toluene	**45000**	1200	"	"	"	"	"	"	
Ethylbenzene	**16000**	1200	"	"	"	"	"	"	
Xylenes (total)	**81000**	2500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*107 %*	*70-130*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-E (CNH0392-01) Soil	**Sampled: 08/09/04 09:10**	**Received: 08/12/04 08:35**							
Lead	4.8	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-F (CNH0392-02) Soil	**Sampled: 08/09/04 09:15**	**Received: 08/12/04 08:35**							
Lead	5.2	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-G (CNH0392-03) Soil	**Sampled: 08/09/04 10:45**	**Received: 08/12/04 08:35**							
Lead	4.4	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-H (CNH0392-04) Soil	**Sampled: 08/09/04 10:50**	**Received: 08/12/04 08:35**							
Lead	3.8	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-I (CNH0392-05) Soil	**Sampled: 08/09/04 13:45**	**Received: 08/12/04 08:35**							
Lead	4.7	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-J (CNH0392-06) Soil	**Sampled: 08/09/04 13:50**	**Received: 08/12/04 08:35**							
Lead	4.5	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-E (CNH0392-01) Soil **Sampled: 08/09/04 09:10** **Received: 08/12/04 08:35**									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*90.0 %*	*60-140*		"	"	"	"	
T1-F (CNH0392-02) Soil **Sampled: 08/09/04 09:15** **Received: 08/12/04 08:35**									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*60-140*		"	"	"	"	
T1-G (CNH0392-03) Soil **Sampled: 08/09/04 10:45** **Received: 08/12/04 08:35**									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*90.2 %*	*60-140*		"	"	"	"	
T1-H (CNH0392-04) Soil **Sampled: 08/09/04 10:50** **Received: 08/12/04 08:35**									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*91.8 %*	*60-140*		"	"	"	"	
T1-I (CNH0392-05) Soil **Sampled: 08/09/04 13:45** **Received: 08/12/04 08:35**									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-I (CNH0392-05) Soil Sampled: 08/09/04 13:45 Received: 08/12/04 08:35									
Tert-butyl alcohol	ND	50	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*85.2 %*	*60-140*		"	"	"	"	
T1-J (CNH0392-06) Soil Sampled: 08/09/04 13:50 Received: 08/12/04 08:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*91.8 %*	*60-140*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06266 - LUFT-DHS GCNV										
Blank (CN06266-BLK1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
LCS (CN06266-BS1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	45.3	1.0	mg/kg	50.0		90.6	65-135			
LCS Dup (CN06266-BSD1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	41.5	1.0	mg/kg	50.0		83.0	65-135	8.76	30	
Matrix Spike (CN06266-MS1)	Source: CNH0388-01			Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	43.1	1.0	mg/kg	50.0	ND	86.2	59-138			
Matrix Spike Dup (CN06266-MSD1)	Source: CNH0388-01			Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	39.9	1.0	mg/kg	50.0	ND	79.8	59-138	7.71	37	

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06322 - EPA 5030 Soil GC										
Blank (CN06322-BLK1)				Prepared & Analyzed: 08/16/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*101*		"	*100*		*101*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*104*		"	*100*		*104*	*70-130*			
LCS (CN06322-BS1)				Prepared & Analyzed: 08/16/04						
Gasoline	2690	1000	µg/kg	2500		108	65-135			
Surrogate: o-Chlorotoluene (Gas)	*117*		"	*100*		*117*	*70-130*			
LCS Dup (CN06322-BSD1)				Prepared & Analyzed: 08/16/04						
Gasoline	2310	1000	µg/kg	2500		92.4	65-135	15.2	30	
Surrogate: o-Chlorotoluene (Gas)	*101*		"	*100*		*101*	*70-130*			
Matrix Spike (CN06322-MS1)		Source: CNH0388-08		Prepared & Analyzed: 08/16/04						
Gasoline	4250	1000	µg/kg	2500	ND	170	63-124			QM-05
Surrogate: o-Chlorotoluene (Gas)	*267*		"	*100*		*267*	*70-130*			*S-04*
Matrix Spike Dup (CN06322-MSD1)		Source: CNH0388-08		Prepared & Analyzed: 08/16/04						
Gasoline	2960	1000	µg/kg	2500	ND	118	63-124	35.8	35	QM-05
Surrogate: o-Chlorotoluene (Gas)	*255*		"	*100*		*255*	*70-130*			*S-04*
Batch CN06364 - EPA 5030 Soil GC										
Blank (CN06364-BLK1)				Prepared & Analyzed: 08/17/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*106*		"	*100*		*106*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*103*		"	*100*		*103*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06364 - EPA 5030 Soil GC										
LCS (CN06364-BS1)				Prepared & Analyzed: 08/17/04						
Gasoline	2790	1000	µg/kg	2500		112	65-135			
Surrogate: o-Chlorotoluene (Gas)	*108*		"	*100*		*108*	*70-130*			
LCS Dup (CN06364-BSD1)				Prepared & Analyzed: 08/17/04						
Gasoline	2690	1000	µg/kg	2500		108	65-135	3.65	30	
Surrogate: o-Chlorotoluene (Gas)	*108*		"	*100*		*108*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06336 - EPA 3050B										
Blank (CN06336-BLK1)				Prepared: 08/16/04 Analyzed: 08/17/04						
Lead	ND	2.5	mg/kg							
LCS (CN06336-BS1)				Prepared: 08/16/04 Analyzed: 08/17/04						
Lead	21.6	2.5	mg/kg	25.0		86.4	75-125			
LCS Dup (CN06336-BSD1)				Prepared: 08/16/04 Analyzed: 08/17/04						
Lead	22.7	2.5	mg/kg	25.0		90.8	75-125	4.97	25	
Matrix Spike (CN06336-MS1)		Source: CNH0478-01		Prepared: 08/16/04 Analyzed: 08/17/04						
Lead	223	12	mg/kg	25.0	140	332	75-125			QM-4X
Matrix Spike Dup (CN06336-MSD1)		Source: CNH0478-01		Prepared: 08/16/04 Analyzed: 08/17/04						
Lead	226	12	mg/kg	25.0	140	344	75-125	1.34	30	QM-4X

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06099 - Volatiles										
Blank (CN06099-BLK1)				Prepared & Analyzed: 08/12/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
1,2-Dichloroethane	ND	5.0	"							
Surrogate: Toluene-d8	*52.0*		"	*50.0*		*104*	*60-140*			
LCS (CN06099-BS1)				Prepared & Analyzed: 08/12/04						
Methyl tert-butyl ether	48.4	5.0	µg/kg	50.0		96.8	60-140			
Surrogate: Toluene-d8	*55.6*		"	*50.0*		*111*	*60-140*			
LCS Dup (CN06099-BSD1)				Prepared & Analyzed: 08/12/04						
Methyl tert-butyl ether	48.3	5.0	µg/kg	50.0		96.6	60-140	0.207	30	
Surrogate: Toluene-d8	*52.4*		"	*50.0*		*105*	*60-140*			

CALIFORNIA LABORATORY SERVICES

08/23/04 13:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0392**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16236

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
GAS-1	Although sample contains compounds in the retention time range associated with gasoline, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on gasoline.
DSL-1	Although sample contains compounds in the retention time range associated with diesel, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on diesel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

KLEINFELDER

EnHoLo

PROJECT NO.	PROJECT NAME
47359	Machado Ranch

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)
as above	Steve Dalton 4178

RECEIVING LAB: CLS (Attn: Scott)

INSTRUCTIONS/REMARKS

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CON-TAINERS	TYPE OF CON-TAINERS	ANALYSIS: TPH-Extractable (Diesel)	TPH-Gasoline	BTEX	1,2-DCA	5 Oxygenates	Total Lead
1	8-6-04	1538	T1-A	soil	1	brass tube	X	X	X	X	X	X
2	"	1543	T1-B	"	"	"	X	X	X	X	X	X
3	"	1535	T1-C	"	"	"	X	X	X	X	X	X
4	"	1546	T1-D	"	"	"	X	X	X	X	X	X
5												
6												
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18												
19												
20												

* Please fax draft results to Steve Dalton + Ron Hill @

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	8-6-04 1550	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	8-6-04 16:43	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	8-6-04 1643	

Instructions/Remarks:

Rush 24 hr TAT

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Steve Dalton

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

№ 16240

CALIFORNIA LABORATORY SERVICES

08/11/04 14:31

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-A (CNH0200-01) Soil	**Sampled: 08/06/04 15:38**	**Received: 08/06/04 16:43**							
Diesel	ND	1.0	mg/kg	1	CN06077	08/06/04	08/09/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
T1-B (CNH0200-02) Soil	**Sampled: 08/06/04 15:43**	**Received: 08/06/04 16:43**							
Diesel	**440**	10	mg/kg	10	CN06077	08/06/04	08/09/04	EPA 8015M	
Motor Oil	ND	1.0	"	1	"	"	"	"	
T1-C (CNH0200-03) Soil	**Sampled: 08/06/04 15:35**	**Received: 08/06/04 16:43**							
Diesel	ND	1.0	mg/kg	1	CN06077	08/06/04	08/09/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
T1-D (CNH0200-04) Soil	**Sampled: 08/06/04 15:46**	**Received: 08/06/04 16:43**							
Diesel	**540**	10	mg/kg	10	CN06077	08/06/04	08/09/04	EPA 8015M	
Motor Oil	ND	1.0	"	1	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:31

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-A (CNH0200-01) Soil Sampled: 08/06/04 15:38 Received: 08/06/04 16:43									
Gasoline	ND	1000	µg/kg	1	CN06146	08/09/04	08/09/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.4 %*	*70-130*		"	"	"	"	
T1-B (CNH0200-02) Soil Sampled: 08/06/04 15:43 Received: 08/06/04 16:43									
Gasoline	**210000**	50000	µg/kg	50	CN06146	08/09/04	08/09/04	8015GRO/8021 B	D-12, GAS-1
Benzene	ND	250	"	"	"	"	"	"	R-06M
Toluene	**430**	250	"	"	"	"	"	"	
Ethylbenzene	**3200**	250	"	"	"	"	"	"	
Xylenes (total)	**15000**	500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*163 %*	*70-130*		"	"	"	"	*S-04*
T1-C (CNH0200-03) Soil Sampled: 08/06/04 15:35 Received: 08/06/04 16:43									
Gasoline	ND	1000	µg/kg	1	CN06146	08/09/04	08/09/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*99.9 %*	*70-130*		"	"	"	"	
T1-D (CNH0200-04) Soil Sampled: 08/06/04 15:46 Received: 08/06/04 16:43									
Gasoline	**75000**	20000	µg/kg	20	CN06146	08/09/04	08/09/04	8015GRO/8021 B	D-12, GAS-1
Benzene	ND	100	"	"	"	"	"	"	R-06M
Toluene	**350**	100	"	"	"	"	"	"	
Ethylbenzene	**1600**	100	"	"	"	"	"	"	
Xylenes (total)	**8500**	200	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*138 %*	*70-130*		"	"	"	"	*S-04*

CALIFORNIA LABORATORY SERVICES

08/11/04

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
T1-D (CNH0200-04) Soil Sampled: 08/06/04 15:46 Received: 08/06/04 16:43								

CALIFORNIA LABORATORY SERVICES

08/11/04 14:31

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-A (CNH0200-01) Soil	**Sampled: 08/06/04 15:38**	**Received: 08/06/04 16:43**							
Lead	**9.0**	2.5	mg/kg	1	CN06113	08/09/04	08/09/04	EPA 6010B	
T1-B (CNH0200-02) Soil	**Sampled: 08/06/04 15:43**	**Received: 08/06/04 16:43**							
Lead	**9.2**	2.5	mg/kg	1	CN06113	08/09/04	08/09/04	EPA 6010B	
T1-C (CNH0200-03) Soil	**Sampled: 08/06/04 15:35**	**Received: 08/06/04 16:43**							
Lead	**8.6**	2.5	mg/kg	1	CN06113	08/09/04	08/09/04	EPA 6010B	
T1-D (CNH0200-04) Soil	**Sampled: 08/06/04 15:46**	**Received: 08/06/04 16:43**							
Lead	**11**	2.5	mg/kg	1	CN06113	08/09/04	08/09/04	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:31

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-A (CNH0200-01) Soil	**Sampled: 08/06/04 15:38**	**Received: 08/06/04 16:43**							
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06159	08/09/04	08/09/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.6 %*	*60-140*		"	"	"	"	
T1-B (CNH0200-02) Soil	**Sampled: 08/06/04 15:43**	**Received: 08/06/04 16:43**							**R-01**
Di-isopropyl ether	ND	10	µg/kg	2	CN06159	08/09/04	08/09/04	EPA 8260B	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*60-140*		"	"	"	"	
T1-C (CNH0200-03) Soil	**Sampled: 08/06/04 15:35**	**Received: 08/06/04 16:43**							
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06159	08/09/04	08/09/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*91.0 %*	*60-140*		"	"	"	"	
T1-D (CNH0200-04) Soil	**Sampled: 08/06/04 15:46**	**Received: 08/06/04 16:43**							**R-01**
Di-isopropyl ether	ND	10	µg/kg	2	CN06159	08/09/04	08/09/04	EPA 8260B	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:31

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-D (CNH0200-04) Soil	**Sampled: 08/06/04 15:46**	**Received: 08/06/04 16:43**							**R-01**
Surrogate: Toluene-d8		*97.2 %*	*60-140*		*CN06159*	*08/09/04*	*08/09/04*	*EPA 8260B*	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:31

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06077 - LUFT-DHS GCNV										
Blank (CN06077-BLK1)				Prepared: 08/06/04 Analyzed: 08/09/04						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
LCS (CN06077-BS1)				Prepared: 08/06/04 Analyzed: 08/09/04						
Diesel	53.5	1.0	mg/kg	50.0		107	65-135			
LCS Dup (CN06077-BSD1)				Prepared: 08/06/04 Analyzed: 08/09/04						
Diesel	50.0	1.0	mg/kg	50.0		100	65-135	6.76	30	
Matrix Spike (CN06077-MS1)		Source: CNH0164-01		Prepared: 08/06/04 Analyzed: 08/09/04						
Diesel	52.7	1.0	mg/kg	50.0	ND	105	59-138			
Matrix Spike Dup (CN06077-MSD1)		Source: CNH0164-01		Prepared: 08/06/04 Analyzed: 08/09/04						
Diesel	53.6	1.0	mg/kg	50.0	ND	107	59-138	1.69	37	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:31

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06146 - EPA 5030 Soil GC										
Blank (CN06146-BLK1)				Prepared & Analyzed: 08/09/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (Gas)	*106*		"	*100*		*106*	*70-130*			
LCS (CN06146-BS1)				Prepared & Analyzed: 08/09/04						
Gasoline	2420	1000	µg/kg	2500		96.8	65-135			
Surrogate: o-Chlorotoluene (Gas)	*109*		"	*100*		*109*	*70-130*			
LCS Dup (CN06146-BSD1)				Prepared & Analyzed: 08/09/04						
Gasoline	2540	1000	µg/kg	2500		102	65-135	4.84	30	
Surrogate: o-Chlorotoluene (Gas)	*111*		"	*100*		*111*	*70-130*			
Matrix Spike (CN06146-MS1)			**Source: CNH0204-03**	Prepared & Analyzed: 08/09/04						
Gasoline	2180	1000	µg/kg	2500	ND	87.2	63-124			
Surrogate: o-Chlorotoluene (Gas)	*102*		"	*100*		*102*	*70-130*			
Matrix Spike Dup (CN06146-MSD1)			**Source: CNH0204-03**	Prepared & Analyzed: 08/09/04						
Gasoline	2270	1000	µg/kg	2500	ND	90.8	63-124	4.04	35	
Surrogate: o-Chlorotoluene (Gas)	*106*		"	*100*		*106*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/11/04 14:31

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06113 - EPA 3050B										
Blank (CN06113-BLK1)				Prepared & Analyzed: 08/09/04						
Lead	ND	2.5	mg/kg							
LCS (CN06113-BS1)				Prepared & Analyzed: 08/09/04						
Lead	22.1	2.5	mg/kg	25.0		88.4	75-125			
LCS Dup (CN06113-BSD1)				Prepared & Analyzed: 08/09/04						
Lead	21.9	2.5	mg/kg	25.0		87.6	75-125	0.909	25	
Matrix Spike (CN06113-MS1)		Source: CNH0186-01		Prepared & Analyzed: 08/09/04						
Lead	23.7	2.5	mg/kg	25.0	5.1	74.4	75-125			QM-05
Matrix Spike Dup (CN06113-MSD1)		Source: CNH0186-01		Prepared & Analyzed: 08/09/04						
Lead	25.2	2.5	mg/kg	25.0	5.1	80.4	75-125	6.13	30	

CALIFORNIA LABORATORY SERVICES

08/11/04 14:31

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06159 - EPA 5030 Soil MS										
Blank (CN06159-BLK1)				Prepared & Analyzed: 08/09/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
1,2-Dichloroethane	ND	5.0	"							
Surrogate: Toluene-d8	*55.1*		"	*50.0*		*110*	*60-140*			
LCS (CN06159-BS1)				Prepared & Analyzed: 08/09/04						
Methyl tert-butyl ether	27.7	5.0	µg/kg	23.0		120	60-140			
Surrogate: Toluene-d8	*56.7*		"	*50.0*		*113*	*60-140*			
LCS Dup (CN06159-BSD1)				Prepared & Analyzed: 08/09/04						
Methyl tert-butyl ether	21.0	5.0	µg/kg	23.0		91.3	60-140	27.5	30	
Surrogate: Toluene-d8	*52.9*		"	*50.0*		*106*	*60-140*			
Matrix Spike (CN06159-MS1)		Source: CNH0200-01		Prepared & Analyzed: 08/09/04						
Methyl tert-butyl ether	26.4	5.0	µg/kg	23.0	ND	115	60-140			
Surrogate: Toluene-d8	*37.2*		"	*50.0*		*74.4*	*60-140*			
Matrix Spike Dup (CN06159-MSD1)		Source: CNH0200-01		Prepared & Analyzed: 08/09/04						
Methyl tert-butyl ether	23.0	5.0	µg/kg	23.0	ND	100	60-140	13.8	30	
Surrogate: Toluene-d8	*47.2*		"	*50.0*		*94.4*	*60-140*			

CALIFORNIA LABORATORY SERVICES

08/11/04 14:31

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0200**
3077 Fite Circle	Project Number: 47359	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16240

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
R-06M	Sample had to be diluted due to high levels of multiple target analytes, which resulted in elevated reporting limits for all analytes in the sample.
R-01	The Reporting Limits for this sample have been raised to account for matrix interference.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
GAS-1	Although sample contains compounds in the retention time range associated with gasoline, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on gasoline.
D-12	Results in the Gasoline Range are primarily due to overlap from a heavier fuel hydrocarbon product.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

KLEINFELDER

CH10388

PROJECT NO.	PROJECT NAME
47359	Machado Ranch

L.P. NO. / P.O. NO.	SAMPLERS: (Signature/Number)
as above	Steve Dalton / 4178

RECEIVING LAB: CLS (Attn: Scott)

INSTRUCTIONS/REMARKS

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: TPH-Extractable (Diesel)	TPH-Purgeable (as Gasoline)	BTEX	5 oxygenates	1,2-DCA	Total Lead
1	8-10-04	0725	T1-K	soil	1	brass tube	X	X	X	X	X	X
2		0930	T1-L				X	X	X	X	X	X
3		1015	T1-M				X	X	X	X	X	X
4		1330	T1-N				X	X	X	X	X	X
5		1058	T1-O				X	X	X	X	X	X
6		1450	T1-P				X	X	X	X	X	X
7	8-11-04	1023	T1-Q				X	X	X	X	X	X
8		1042	T1-R				X	X	X	X	X	X
9		1302	T1-S				X	X	X	X	X	X
10		1307	T1-T				X	X	X	X	X	X
11		1130	T1-GW	water	8	40A poly vials	X	X	X	X	X	X
12												
13												
14												
15												
16												
17												
18												
19												
20												

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	8-12-04 0750	MARK SMITH
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Instructions/Remarks: Rush 3-Day TAT

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Ron Hill + Steve Dalton

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

№ 16237

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-K (CNH0388-01) Soil	**Sampled: 08/10/04 07:25**	**Received: 08/12/04 08:00**							
Diesel	ND	1.0	mg/kg	1	CN06266	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
T1-L (CNH0388-02) Soil	**Sampled: 08/10/04 09:30**	**Received: 08/12/04 08:00**							
Diesel	**590**	10	mg/kg	10	CN06266	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	1	"	"	"	"	
T1-M (CNH0388-03) Soil	**Sampled: 08/10/04 10:15**	**Received: 08/12/04 08:00**							
Diesel	ND	1.0	mg/kg	1	CN06266	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
T1-N (CNH0388-04) Soil	**Sampled: 08/10/04 13:30**	**Received: 08/12/04 08:00**							
Diesel	**2800**	100	mg/kg	100	CN06266	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	1	"	"	"	"	
T1-O (CNH0388-05) Soil	**Sampled: 08/10/04 10:58**	**Received: 08/12/04 08:00**							
Diesel	ND	1.0	mg/kg	1	CN06266	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
T1-P (CNH0388-06) Soil	**Sampled: 08/10/04 14:50**	**Received: 08/12/04 08:00**							
Diesel	**270**	10	mg/kg	10	CN06266	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	1	"	"	"	"	
T1-Q (CNH0388-07) Soil	**Sampled: 08/11/04 10:23**	**Received: 08/12/04 08:00**							
Diesel	**57**	1.0	mg/kg	1	CN06266	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	"	"	"	"	"	
T1-R (CNH0388-08) Soil	**Sampled: 08/11/04 10:42**	**Received: 08/12/04 08:00**							
Diesel	ND	1.0	mg/kg	1	CN06266	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
T1-S (CNH0388-09) Soil	**Sampled: 08/11/04 13:02**	**Received: 08/12/04 08:00**							
Diesel	ND	1.0	mg/kg	1	CN06266	08/12/04	08/14/04	EPA 8015M	
Motor Oil	**19**	1.0	"	"	"	"	"	"	
T1-T (CNH0388-10) Soil	**Sampled: 08/11/04 13:07**	**Received: 08/12/04 08:00**							
Diesel	**330**	10	mg/kg	10	CN06266	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	1	"	"	"	"	
T1-GW (CNH0388-11) Water	**Sampled: 08/11/04 11:30**	**Received: 08/12/04 08:00**							
Diesel	**11**	0.50	mg/L	10	CN06273	08/13/04	08/13/04	EPA 8015M	DSL-1
Motor Oil	ND	0.50	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-K (CNH0388-01) Soil Sampled: 08/10/04 07:25 Received: 08/12/04 08:00									
Gasoline	ND	1000	µg/kg	1	CN06298	08/13/04	08/13/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*96.8 %*	*70-130*		"	"	"	"	
T1-L (CNH0388-02) Soil Sampled: 08/10/04 09:30 Received: 08/12/04 08:00									
Gasoline	**620000**	100000	µg/kg	100	CN06364	08/17/04	08/17/04	8015GRO/8021 B	
Benzene	**2900**	500	"	"	"	"	"	"	
Toluene	**16000**	500	"	"	"	"	"	"	
Ethylbenzene	**8100**	500	"	"	"	"	"	"	
Xylenes (total)	**39000**	1000	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*140 %*	*70-130*		"	"	"	"	*S-04*
T1-M (CNH0388-03) Soil Sampled: 08/10/04 10:15 Received: 08/12/04 08:00									
Gasoline	ND	1000	µg/kg	1	CN06298	08/13/04	08/13/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*95.4 %*	*70-130*		"	"	"	"	
T1-N (CNH0388-04) Soil Sampled: 08/10/04 13:30 Received: 08/12/04 08:00									
Gasoline	**110000**	50000	µg/kg	50	CN06322	08/16/04	08/16/04	8015GRO/8021 B	
Benzene	**2100**	250	"	"	"	"	"	"	
Toluene	**6900**	250	"	"	"	"	"	"	
Ethylbenzene	**1800**	250	"	"	"	"	"	"	
Xylenes (total)	**8000**	500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*109 %*	*70-130*		"	"	"	"	
T1-O (CNH0388-05) Soil Sampled: 08/10/04 10:58 Received: 08/12/04 08:00									
Gasoline	ND	1000	µg/kg	1	CN06298	08/13/04	08/13/04	8015GRO/8021 B	
Benzene	**5.9**	5.0	"	"	"	"	"	"	
Toluene	**14**	5.0	"	"	"	"	"	"	
Ethylbenzene	**5.6**	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-O (CNH0388-05) Soil Sampled: 08/10/04 10:58 Received: 08/12/04 08:00									
Xylenes (total)	**24**	10	µg/kg	1	CN06298	08/13/04	08/13/04	8015GRO/8021 B	
Surrogate: o-Chlorotoluene (Gas)		*101 %*	*70-130*		"	"	"	"	
T1-P (CNH0388-06) Soil Sampled: 08/10/04 14:50 Received: 08/12/04 08:00									
Gasoline	**120000**	20000	µg/kg	20	CN06322	08/16/04	08/16/04	8015GRO/8021 B	
Benzene	**240**	100	"	"	"	"	"	"	
Toluene	**3700**	100	"	"	"	"	"	"	
Ethylbenzene	**980**	100	"	"	"	"	"	"	
Xylenes (total)	**6600**	200	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*143 %*	*70-130*		"	"	"	"	*S-04*
T1-Q (CNH0388-07) Soil Sampled: 08/11/04 10:23 Received: 08/12/04 08:00									
Gasoline	**2200**	1000	µg/kg	1	CN06322	08/16/04	08/16/04	8015GRO/8021 B	
Benzene	**55**	5.0	"	"	"	"	"	"	
Toluene	**130**	5.0	"	"	"	"	"	"	
Ethylbenzene	**34**	5.0	"	"	"	"	"	"	
Xylenes (total)	**220**	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*113 %*	*70-130*		"	"	"	"	
T1-R (CNH0388-08) Soil Sampled: 08/11/04 10:42 Received: 08/12/04 08:00									
Gasoline	ND	1000	µg/kg	1	CN06322	08/16/04	08/16/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*240 %*	*70-130*		"	"	"	"	*S-04*
T1-S (CNH0388-09) Soil Sampled: 08/11/04 13:02 Received: 08/12/04 08:00									
Gasoline	ND	1000	µg/kg	1	CN06322	08/16/04	08/16/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.2 %*	*70-130*		"	"	"	"	
T1-T (CNH0388-10) Soil Sampled: 08/11/04 13:07 Received: 08/12/04 08:00									

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-T (CNH0388-10) Soil Sampled: 08/11/04 13:07 Received: 08/12/04 08:00									
Gasoline	**560000**	100000	µg/kg	100	CN06364	08/17/04	08/18/04	8015GRO/8021 B	GC-25
Benzene	**2200**	250	"	50	"	"	08/17/04	"	
Toluene	**14000**	500	"	100	"	"	08/18/04	"	
Ethylbenzene	**3900**	250	"	50	"	"	08/17/04	"	
Xylenes (total)	**36000**	1000	"	100	"	"	08/18/04	"	
Surrogate: o-Chlorotoluene (Gas)		*131 %*	*70-130*		"	"	"	"	*S-04*
T1-GW (CNH0388-11) Water Sampled: 08/11/04 11:30 Received: 08/12/04 08:00									
Gasoline	**79000**	5000	µg/L	100	CN06299	08/13/04	08/13/04	8015GRO/8021 B	GAS-1
Benzene	**10000**	500	"	1000	"	"	08/16/04	"	
Toluene	**14000**	500	"	"	"	"	"	"	
Ethylbenzene	**1600**	50	"	100	"	"	08/13/04	"	
Xylenes (total)	**9600**	100	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*104 %*	*65-135*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-K (CNH0388-01) Soil	**Sampled: 08/10/04 07:25**	**Received: 08/12/04 08:00**							
Lead	**6.8**	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-L (CNH0388-02) Soil	**Sampled: 08/10/04 09:30**	**Received: 08/12/04 08:00**							
Lead	**3.7**	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-M (CNH0388-03) Soil	**Sampled: 08/10/04 10:15**	**Received: 08/12/04 08:00**							
Lead	**7.9**	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-N (CNH0388-04) Soil	**Sampled: 08/10/04 13:30**	**Received: 08/12/04 08:00**							
Lead	**3.6**	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-O (CNH0388-05) Soil	**Sampled: 08/10/04 10:58**	**Received: 08/12/04 08:00**							
Lead	**3.8**	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-P (CNH0388-06) Soil	**Sampled: 08/10/04 14:50**	**Received: 08/12/04 08:00**							
Lead	**4.4**	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-Q (CNH0388-07) Soil	**Sampled: 08/11/04 10:23**	**Received: 08/12/04 08:00**							
Lead	**2.9**	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-R (CNH0388-08) Soil	**Sampled: 08/11/04 10:42**	**Received: 08/12/04 08:00**							
Lead	**4.7**	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-S (CNH0388-09) Soil	**Sampled: 08/11/04 13:02**	**Received: 08/12/04 08:00**							
Lead	**5.4**	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	
T1-T (CNH0388-10) Soil	**Sampled: 08/11/04 13:07**	**Received: 08/12/04 08:00**							
Lead	**7.8**	2.5	mg/kg	1	CN06336	08/16/04	08/17/04	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-001 Project Manager: Steve Dalton	**CLS Work Order #: CNH0388** COC #: 16237

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-GW (CNH0388-11) Water	**Sampled: 08/11/04 11:30**	**Received: 08/12/04 08:00**							
Lead	**56**	5.0	µg/L	1	CN06280	08/13/04	08/16/04	EPA 200.8	

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-K (CNH0388-01) Soil Sampled: 08/10/04 07:25 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06275	08/13/04	08/13/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*114 %*	*60-140*		"	"	"	"	
T1-L (CNH0388-02) Soil Sampled: 08/10/04 09:30 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	12	µg/kg	2.5	CN06275	08/13/04	08/13/04	EPA 8260B	
Ethyl tert-butyl ether	ND	12	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	12	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	12	"	"	"	"	"	"	
Tert-butyl alcohol	ND	120	"	"	"	"	"	"	
1,2-Dichloroethane	ND	12	"	"	"	"	"	"	
Surrogate: Toluene-d8		*84.0 %*	*60-140*		"	"	"	"	
T1-M (CNH0388-03) Soil Sampled: 08/10/04 10:15 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06275	08/13/04	08/13/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*60-140*		"	"	"	"	
T1-N (CNH0388-04) Soil Sampled: 08/10/04 13:30 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	12	µg/kg	2.5	CN06275	08/13/04	08/13/04	EPA 8260B	
Ethyl tert-butyl ether	ND	12	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	12	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	12	"	"	"	"	"	"	
Tert-butyl alcohol	ND	120	"	"	"	"	"	"	
1,2-Dichloroethane	ND	12	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.6 %*	*60-140*		"	"	"	"	
T1-O (CNH0388-05) Soil Sampled: 08/10/04 10:58 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-O (CNH0388-05) Soil Sampled: 08/10/04 10:58 Received: 08/12/04 08:00									
Tert-butyl alcohol	ND	50	µg/kg	1	CN06289	08/12/04	08/12/04	EPA 8260B	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*75.2 %*	*60-140*		"	"	"	"	
T1-P (CNH0388-06) Soil Sampled: 08/10/04 14:50 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	25	µg/kg	5	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*	*60-140*		"	"	"	"	
T1-Q (CNH0388-07) Soil Sampled: 08/11/04 10:23 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	25	µg/kg	5	CN06275	08/13/04	08/13/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*60-140*		"	"	"	"	
T1-R (CNH0388-08) Soil Sampled: 08/11/04 10:42 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06275	08/13/04	08/13/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*60-140*		"	"	"	"	
T1-S (CNH0388-09) Soil Sampled: 08/11/04 13:02 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*70.2 %*	*60-140*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T1-T (CNH0388-10) Soil Sampled: 08/11/04 13:07 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	25	µg/kg	5	CN06275	08/13/04	08/13/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	**220**	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*60-140*		"	"	"	"	
T1-GW (CNH0388-11) Water Sampled: 08/11/04 11:30 Received: 08/12/04 08:00									
Di-isopropyl ether	ND	20	µg/L	40	CN06226	08/12/04	08/12/04	EPA 8260B	R-05
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	200	"	"	"	"	"	"	
1,2-Dichloroethane	**440**	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*72-125*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06266 - LUFT-DHS GCNV										
Blank (CN06266-BLK1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
LCS (CN06266-BS1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	45.3	1.0	mg/kg	50.0		90.6	65-135			
LCS Dup (CN06266-BSD1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	41.5	1.0	mg/kg	50.0		83.0	65-135	8.76	30	
Matrix Spike (CN06266-MS1)		Source: CNH0388-01		Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	43.1	1.0	mg/kg	50.0	ND	86.2	59-138			
Matrix Spike Dup (CN06266-MSD1)		Source: CNH0388-01		Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	39.9	1.0	mg/kg	50.0	ND	79.8	59-138	7.71	37	
Batch CN06273 - EPA 3510B GCNV										
Blank (CN06273-BLK1)				Prepared & Analyzed: 08/13/04						
Diesel	ND	0.050	mg/L							
Motor Oil	ND	0.050	"							
Hydraulic Oil	ND	0.050	"							
Mineral Oil	ND	0.050	"							
Kerosene	ND	0.050	"							
LCS (CN06273-BS1)				Prepared & Analyzed: 08/13/04						
Diesel	2.40	0.050	mg/L	2.50		96.0	65-135			

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06273 - EPA 3510B GCNV										
LCS Dup (CN06273-BSD1)				Prepared & Analyzed: 08/13/04						
Diesel	2.41	0.050	mg/L	2.50		96.4	65-135	0.416	30	
Matrix Spike (CN06273-MS1)		Source: CNH0414-01		Prepared & Analyzed: 08/13/04						
Diesel	1.72	0.050	mg/L	2.50	ND	68.8	46-137			
Matrix Spike Dup (CN06273-MSD1)		Source: CNH0414-01		Prepared & Analyzed: 08/13/04						
Diesel	1.66	0.050	mg/L	2.50	ND	66.4	46-137	3.55	30	

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06298 - EPA 5030 Soil GC										
Blank (CN06298-BLK1)				Prepared & Analyzed: 08/13/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*110*		"	*100*		*110*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*101*		"	*100*		*101*	*70-130*			
LCS (CN06298-BS1)				Prepared & Analyzed: 08/13/04						
Gasoline	2510	1000	µg/kg	2500		100	65-135			
Surrogate: o-Chlorotoluene (Gas)	*109*		"	*100*		*109*	*70-130*			
LCS Dup (CN06298-BSD1)				Prepared & Analyzed: 08/13/04						
Gasoline	2410	1000	µg/kg	2500		96.4	65-135	4.07	30	
Surrogate: o-Chlorotoluene (Gas)	*104*		"	*100*		*104*	*70-130*			
Matrix Spike (CN06298-MS1)		Source: CNH0386-95		Prepared & Analyzed: 08/13/04						
Gasoline	2400	1000	µg/kg	2500	ND	96.0	63-124			
Surrogate: o-Chlorotoluene (Gas)	*104*		"	*100*		*104*	*70-130*			
Matrix Spike Dup (CN06298-MSD1)		Source: CNH0386-95		Prepared & Analyzed: 08/13/04						
Gasoline	2150	1000	µg/kg	2500	ND	86.0	63-124	11.0	35	
Surrogate: o-Chlorotoluene (Gas)	*96.1*		"	*100*		*96.1*	*70-130*			
Batch CN06299 - EPA 5030 Water GC										
Blank (CN06299-BLK1)				Prepared & Analyzed: 08/13/04						
Gasoline	ND	50	µg/L							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate: o-Chlorotoluene (BTEX)	*19.6*		"	*20.0*		*98.0*	*65-135*			
Surrogate: o-Chlorotoluene (Gas)	*21.2*		"	*20.0*		*106*	*65-135*			

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06299 - EPA 5030 Water GC										
LCS (CN06299-BS1)				Prepared & Analyzed: 08/13/04						
Benzene	22.4	0.50	µg/L	20.0		112	70-140			
Toluene	21.5	0.50	"	20.0		108	70-140			
Ethylbenzene	21.4	0.50	"	20.0		107	70-140			
Xylenes (total)	65.2	1.0	"	60.0		109	70-140			
Surrogate: o-Chlorotoluene (BTEX)	*19.6*		"	*20.0*		*98.0*	*65-135*			
LCS Dup (CN06299-BSD1)				Prepared & Analyzed: 08/13/04						
Benzene	22.9	0.50	µg/L	20.0		114	70-140	2.21	30	
Toluene	21.8	0.50	"	20.0		109	70-140	1.39	30	
Ethylbenzene	21.7	0.50	"	20.0		108	70-140	1.39	30	
Xylenes (total)	66.1	1.0	"	60.0		110	70-140	1.37	30	
Surrogate: o-Chlorotoluene (BTEX)	*19.8*		"	*20.0*		*99.0*	*65-135*			
Matrix Spike (CN06299-MS1)		**Source: CNH0402-08**		Prepared & Analyzed: 08/13/04						
Benzene	22.8	0.50	µg/L	20.0	ND	114	60-140			
Toluene	21.3	0.50	"	20.0	ND	106	60-140			
Ethylbenzene	20.9	0.50	"	20.0	ND	104	60-140			
Xylenes (total)	65.8	1.0	"	60.0	1.3	108	60-140			
Surrogate: o-Chlorotoluene (BTEX)	*19.4*		"	*20.0*		*97.0*	*65-135*			
Matrix Spike Dup (CN06299-MSD1)		**Source: CNH0402-08**		Prepared & Analyzed: 08/13/04						
Benzene	22.5	0.50	µg/L	20.0	ND	112	60-140	1.32	30	
Toluene	20.8	0.50	"	20.0	ND	104	60-140	2.38	30	
Ethylbenzene	20.6	0.50	"	20.0	ND	103	60-140	1.45	30	
Xylenes (total)	63.6	1.0	"	60.0	1.3	104	60-140	3.40	30	
Surrogate: o-Chlorotoluene (BTEX)	*19.5*		"	*20.0*		*97.5*	*65-135*			

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06322 - EPA 5030 Soil GC										
Blank (CN06322-BLK1)				Prepared & Analyzed: 08/16/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*101*		"	*100*		*101*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*104*		"	*100*		*104*	*70-130*			
LCS (CN06322-BS1)				Prepared & Analyzed: 08/16/04						
Gasoline	2690	1000	µg/kg	2500		108	65-135			
Surrogate: o-Chlorotoluene (Gas)	*117*		"	*100*		*117*	*70-130*			
LCS Dup (CN06322-BSD1)				Prepared & Analyzed: 08/16/04						
Gasoline	2310	1000	µg/kg	2500		92.4	65-135	15.2	30	
Surrogate: o-Chlorotoluene (Gas)	*101*		"	*100*		*101*	*70-130*			
Matrix Spike (CN06322-MS1)			**Source: CNH0388-08**	Prepared & Analyzed: 08/16/04						
Gasoline	4250	1000	µg/kg	2500	ND	170	63-124			QM-05
Surrogate: o-Chlorotoluene (Gas)	*267*		"	*100*		*267*	*70-130*			*S-04*
Matrix Spike Dup (CN06322-MSD1)			**Source: CNH0388-08**	Prepared & Analyzed: 08/16/04						
Gasoline	2960	1000	µg/kg	2500	ND	118	63-124	35.8	35	QM-05
Surrogate: o-Chlorotoluene (Gas)	*255*		"	*100*		*255*	*70-130*			*S-04*
Batch CN06364 - EPA 5030 Soil GC										
Blank (CN06364-BLK1)				Prepared & Analyzed: 08/17/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*106*		"	*100*		*106*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*103*		"	*100*		*103*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06364 - EPA 5030 Soil GC										
LCS (CN06364-BS1)				Prepared & Analyzed: 08/17/04						
Gasoline	2790	1000	µg/kg	2500		112	65-135			
Surrogate: o-Chlorotoluene (Gas)	*108*		"	*100*		*108*	*70-130*			
LCS Dup (CN06364-BSD1)				Prepared & Analyzed: 08/17/04						
Gasoline	2690	1000	µg/kg	2500		108	65-135	3.65	30	
Surrogate: o-Chlorotoluene (Gas)	*108*		"	*100*		*108*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06280 - EPA 3020A										
Blank (CN06280-BLK1)				Prepared: 08/13/04 Analyzed: 08/16/04						
Lead	ND	5.0	µg/L							
LCS (CN06280-BS1)				Prepared: 08/13/04 Analyzed: 08/16/04						
Lead	93.2	5.0	µg/L	100		93.2	80-120			
LCS Dup (CN06280-BSD1)				Prepared: 08/13/04 Analyzed: 08/16/04						
Lead	94.6	5.0	µg/L	100		94.6	80-120	1.49	20	
Matrix Spike (CN06280-MS1)		Source: CNH0349-01		Prepared: 08/13/04 Analyzed: 08/16/04						
Lead	97.1	5.0	µg/L	100	0.16	96.9	75-125			
Matrix Spike Dup (CN06280-MSD1)		Source: CNH0349-01		Prepared: 08/13/04 Analyzed: 08/16/04						
Lead	103	5.0	µg/L	100	0.16	103	75-125	5.90	25	

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06336 - EPA 3050B										
Blank (CN06336-BLK1)				Prepared: 08/16/04 Analyzed: 08/17/04						
Lead	ND	2.5	mg/kg							
LCS (CN06336-BS1)				Prepared: 08/16/04 Analyzed: 08/17/04						
Lead	21.6	2.5	mg/kg	25.0		86.4	75-125			
LCS Dup (CN06336-BSD1)				Prepared: 08/16/04 Analyzed: 08/17/04						
Lead	22.7	2.5	mg/kg	25.0		90.8	75-125	4.97	25	
Matrix Spike (CN06336-MS1)		Source: CNH0478-01		Prepared: 08/16/04 Analyzed: 08/17/04						
Lead	223	12	mg/kg	25.0	140	332	75-125			QM-4X
Matrix Spike Dup (CN06336-MSD1)		Source: CNH0478-01		Prepared: 08/16/04 Analyzed: 08/17/04						
Lead	226	12	mg/kg	25.0	140	344	75-125	1.34	30	QM-4X

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06226 - EPA 5030 Water MS										
Blank (CN06226-BLK1)				Prepared & Analyzed: 08/12/04						
Naphthalene	ND	0.50	µg/L							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	5.0	"							
Surrogate: Toluene-d8	*9.96*		"	*10.0*		*99.6*	*72-125*			
LCS (CN06226-BS1)				Prepared & Analyzed: 08/12/04						
Methyl tert-butyl ether	21.0	0.50	µg/L	20.0		105	52-130			
Surrogate: Toluene-d8	*11.7*		"	*10.0*		*117*	*72-125*			
LCS Dup (CN06226-BSD1)				Prepared & Analyzed: 08/12/04						
Methyl tert-butyl ether	21.0	0.50	µg/L	20.0		105	52-130	0.00	30	
Surrogate: Toluene-d8	*11.4*		"	*10.0*		*114*	*72-125*			
Batch CN06275 - Volatiles										
Blank (CN06275-BLK1)				Prepared & Analyzed: 08/13/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Surrogate: Toluene-d8	*54.2*		"	*50.0*		*108*	*60-140*			
LCS (CN06275-BS1)				Prepared & Analyzed: 08/13/04						
Methyl tert-butyl ether	41.1	5.0	µg/kg	50.0		82.2	60-140			
Surrogate: Toluene-d8	*61.6*		"	*50.0*		*123*	*60-140*			

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06275 - Volatiles										
LCS Dup (CN06275-BSD1)				Prepared & Analyzed: 08/13/04						
Methyl tert-butyl ether	47.9	5.0	µg/kg	50.0		95.8	60-140	15.3	30	
Surrogate: Toluene-d8	*59.6*		"	*50.0*		*119*	*60-140*			
Matrix Spike (CN06275-MS1)		**Source: CNH0388-03**		Prepared & Analyzed: 08/13/04						
Methyl tert-butyl ether	33.2	5.0	µg/kg	50.0	ND	66.4	60-140			
Surrogate: Toluene-d8	*32.9*		"	*50.0*		*65.8*	*60-140*			
Matrix Spike Dup (CN06275-MSD1)		**Source: CNH0388-03**		Prepared & Analyzed: 08/13/04						
Methyl tert-butyl ether	38.4	5.0	µg/kg	50.0	ND	76.8	60-140	14.5	30	
Surrogate: Toluene-d8	*20.1*		"	*50.0*		*40.2*	*60-140*			
Batch CN06289 - EPA 5030 Soil MS										
Blank (CN06289-BLK1)				Prepared & Analyzed: 08/12/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
1,2-Dichloroethane	ND	5.0	"							
Surrogate: Toluene-d8	*53.2*		"	*50.0*		*106*	*60-140*			
LCS (CN06289-BS1)				Prepared & Analyzed: 08/12/04						
Methyl tert-butyl ether	45.9	5.0	µg/kg	50.0		91.8	60-140			
Surrogate: Toluene-d8	*50.6*		"	*50.0*		*101*	*60-140*			
LCS Dup (CN06289-BSD1)				Prepared & Analyzed: 08/12/04						
Methyl tert-butyl ether	44.0	5.0	µg/kg	50.0		88.0	60-140	4.23	30	
Surrogate: Toluene-d8	*56.3*		"	*50.0*		*113*	*60-140*			

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06289 - EPA 5030 Soil MS										
Matrix Spike (CN06289-MS1)	**Source: CNH0388-09**			Prepared: 08/12/04		Analyzed: 08/13/04				
Methyl tert-butyl ether	103	5.0	µg/kg	100	ND	103	60-140			
Surrogate: Toluene-d8	*31.6*		"	*50.0*		*63.2*	*60-140*			
Matrix Spike Dup (CN06289-MSD1)	**Source: CNH0388-09**			Prepared: 08/12/04		Analyzed: 08/13/04				
Methyl tert-butyl ether	107	5.0	µg/kg	100	ND	107	60-140	3.81	30	
Surrogate: Toluene-d8	*30.9*		"	*50.0*		*61.8*	*60-140*			

CALIFORNIA LABORATORY SERVICES

08/20/04 15:45

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0388**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16237

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
GC-25	Weathered gasoline.
GAS-1	Although sample contains compounds in the retention time range associated with gasoline, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on gasoline.
DSL-1	Although sample contains compounds in the retention time range associated with diesel, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on diesel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

KLEINFELDER

CHAIN OF CUSTODY

PROJECT NO.	PROJECT NAME	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS	RECEIVING LAB:
47359	Machado Ranch				CLS (Attn Scott)
L.P. NO. (P.O. NO.) as above	SAMPLERS: (Signature/Number) Steve Dalton / 4178				INSTRUCTIONS/REMARKS

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	TPH Extractable (Diesel & Motor Oil)	TPH Purgeable (Gasoline)	BTEX	5 oxygenates	1,2-DCA	Total Lead	INSTRUCTIONS/REMARKS
1	8-11-04	1020-1023	SP1-(1-4)	Soil	4	brass tube	X	X	X	X	X	X	composite 4 tubes + analyze as 1 sample
2		1024-1027	SP1-(5-8)				X	X	X	X	X	X	
3		1028-1031	SP1-(9-12)				X	X	X	X	X	X	
4		1032-1035	SP1-(13-16)				X	X	X	X	X	X	
5		1036-1039	SP1-(17-20)				X	X	X	X	X	X	
6		1040-1043	SP1-(21-24)				X	X	X	X	X	X	
7		1315-1318	SP1-(25-28)				X	X	X	X	X	X	
8		1319-1322	SP1-(29-32)				X	X	X	X	X	X	
9		1323-1326	SP1-(33-36)				X	X	X	X	X	X	
10		1327-1330	SP1-(37-40)				X	X	X	X	X	X	
11		1330-1333	SP1-(41-44)				X	X	X	X	X	X	
12		1420-1423	SP2-(1-4)				X	X	X	X	X	X	
13		1424-1427	SP2-(5-8)				X	X	X	X	X	X	
14		1428-1431	SP2-(9-12)				X	X	X	X	X	X	
15		1432-1435	SP2-(13-16)				X	X	X	X	X	X	
16		1436-1439	SP2-(17-20)				X	X	X	X	X	X	
17		1440-1443	SP2-(21-24)				X	X	X	X	X	X	
18		1444-1447	SP2-(25-28)				X	X	X	X	X	X	
19		1448-1451	SP2-(29-32)				X	X	X	X	X	X	
20													

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	8-12-04	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
		MARK SMITH/CCS

Instructions/Remarks:

Rush 48 hr TAT.

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Ron Hill + Steve Dalton

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

5°C

№ 16238

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1-(1-4) Composite (CNH0386-05) Soil	**Sampled: 08/11/04 10:23**		**Received: 08/12/04 08:00**						
Diesel	**110**	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP1-(5-8) Composite (CNH0386-10) Soil	**Sampled: 08/11/04 10:23**		**Received: 08/12/04 08:00**						
Diesel	**54**	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP1-(9-12) Composite (CNH0386-15) Soil	**Sampled: 08/11/04 10:31**		**Received: 08/12/04 08:00**						
Diesel	**230**	10	mg/kg	10	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	10	"	"	"	"	"	"	
SP1-(13-16) Composite (CNH0386-20) Soil	**Sampled: 08/11/04 10:35**		**Received: 08/12/04 08:00**						
Diesel	**420**	10	mg/kg	10	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	10	"	"	"	"	"	"	
SP1-(17-20) Composite (CNH0386-25) Soil	**Sampled: 08/11/04 10:39**		**Received: 08/12/04 08:00**						
Diesel	**880**	10	mg/kg	10	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	10	"	"	"	"	"	"	
SP1-(21-24) Composite (CNH0386-30) Soil	**Sampled: 08/11/04 10:43**		**Received: 08/12/04 08:00**						
Diesel	**95**	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP1-(25-28) Composite (CNH0386-35) Soil	**Sampled: 08/11/04 13:18**		**Received: 08/12/04 08:00**						
Diesel	**700**	10	mg/kg	10	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	10	"	"	"	"	"	"	
SP1-(29-32) Composite (CNH0386-40) Soil	**Sampled: 08/11/04 13:22**		**Received: 08/12/04 08:00**						
Diesel	**600**	10	mg/kg	10	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	10	"	"	"	"	"	"	
SP1-(33-36) Composite (CNH0386-45) Soil	**Sampled: 08/11/04 13:26**		**Received: 08/12/04 08:00**						
Diesel	**93**	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP1-(37-40) Composite (CNH0386-50) Soil	**Sampled: 08/11/04 13:30**		**Received: 08/12/04 08:00**						
Diesel	**160**	10	mg/kg	10	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	10	"	"	"	"	"	"	
SP1-(41-44) Composite (CNH0386-55) Soil	**Sampled: 08/11/04 13:33**		**Received: 08/12/04 08:00**						
Diesel	**76**	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	"	"	"	"	"	

California Laboratory Services

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2-(1-4) Composite (CNH0386-60) Soil	**Sampled: 08/11/04 14:23**		**Received: 08/12/04 08:00**						
Diesel	ND	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP2-(5-8) Composite (CNH0386-65) Soil	**Sampled: 08/11/04 14:27**		**Received: 08/12/04 08:00**						
Diesel	ND	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP2-(9-12) Composite (CNH0386-70) Soil	**Sampled: 08/11/04 14:31**		**Received: 08/12/04 08:00**						
Diesel	ND	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP2-(13-16) Composite (CNH0386-75) Soil	**Sampled: 08/11/04 14:35**		**Received: 08/12/04 08:00**						
Diesel	ND	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP2-(17-20) Composite (CNH0386-80) Soil	**Sampled: 08/11/04 14:39**		**Received: 08/12/04 08:00**						
Diesel	ND	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP2-(21-25) Composite (CNH0386-85) Soil	**Sampled: 08/11/04 14:43**		**Received: 08/12/04 08:00**						
Diesel	ND	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP2-(25-28) Composite (CNH0386-90) Soil	**Sampled: 08/11/04 14:47**		**Received: 08/12/04 08:00**						
Diesel	ND	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
SP2-(29-32) Composite (CNH0386-95) Soil	**Sampled: 08/11/04 14:51**		**Received: 08/12/04 08:00**						
Diesel	ND	1.0	mg/kg	1	CN06250	08/12/04	08/14/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-001 Project Manager: Steve Dalton	**CLS Work Order #: CNH0386** COC #: 16238

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1-(1-4) Composite (CNH0386-05) Soil	**Sampled: 08/11/04 10:23**		**Received: 08/12/04 08:00**						
Gasoline	**160000**	50000	µg/kg	50	CN06264	08/12/04	08/12/04	8015GRO/8021 B	GC-25
Benzene	ND	250	"	"	"	"	"	"	R-05
Toluene	**4000**	250	"	"	"	"	"	"	
Ethylbenzene	**2400**	250	"	"	"	"	"	"	
Xylenes (total)	**16000**	500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*119 %*	*70-130*		"	"	"	"	
SP1-(5-8) Composite (CNH0386-10) Soil	**Sampled: 08/11/04 10:23**		**Received: 08/12/04 08:00**						
Gasoline	**170000**	50000	µg/kg	50	CN06264	08/12/04	08/12/04	8015GRO/8021 B	GC-25
Benzene	**420**	250	"	"	"	"	"	"	
Toluene	**4800**	250	"	"	"	"	"	"	
Ethylbenzene	**2400**	250	"	"	"	"	"	"	
Xylenes (total)	**13000**	500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*121 %*	*70-130*		"	"	"	"	
SP1-(9-12) Composite (CNH0386-15) Soil	**Sampled: 08/11/04 10:31**		**Received: 08/12/04 08:00**						
Gasoline	**260000**	50000	µg/kg	50	CN06264	08/12/04	08/12/04	8015GRO/8021 B	GC-25
Benzene	**520**	250	"	"	"	"	"	"	
Toluene	**9900**	250	"	"	"	"	"	"	
Ethylbenzene	**5000**	250	"	"	"	"	"	"	
Xylenes (total)	**25000**	500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*141 %*	*70-130*		"	"	"	"	*S-04*
SP1-(13-16) Composite (CNH0386-20) Soil	**Sampled: 08/11/04 10:35**		**Received: 08/12/04 08:00**						
Gasoline	**560000**	100000	µg/kg	100	CN06298	08/13/04	08/13/04	8015GRO/8021 B	GC-25
Benzene	**1200**	500	"	"	"	"	"	"	
Toluene	**22000**	500	"	"	"	"	"	"	
Ethylbenzene	**10000**	500	"	"	"	"	"	"	
Xylenes (total)	**60000**	1000	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*132 %*	*70-130*		"	"	"	"	*S-04*
SP1-(17-20) Composite (CNH0386-25) Soil	**Sampled: 08/11/04 10:39**		**Received: 08/12/04 08:00**						
Gasoline	**430000**	100000	µg/kg	100	CN06298	08/13/04	08/13/04	8015GRO/8021 B	GC-25
Benzene	**900**	500	"	"	"	"	"	"	
Toluene	**18000**	500	"	"	"	"	"	"	
Ethylbenzene	**7700**	500	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1-(17-20) Composite (CNH0386-25) Soil	**Sampled: 08/11/04 10:39**		**Received: 08/12/04 08:00**						
Xylenes (total)	**40000**	1000	µg/kg	100	CN06298	08/13/04	08/13/04	8015GRO/8021 B	
Surrogate: o-Chlorotoluene (Gas)		*131 %*	*70-130*		"	"	"	"	*S-04*
SP1-(21-24) Composite (CNH0386-30) Soil	**Sampled: 08/11/04 10:43**		**Received: 08/12/04 08:00**						
Gasoline	**130000**	50000	µg/kg	50	CN06264	08/12/04	08/12/04	8015GRO/8021 B	GC-25
Benzene	**270**	250	"	"	"	"	"	"	
Toluene	**3200**	250	"	"	"	"	"	"	
Ethylbenzene	**2100**	250	"	"	"	"	"	"	
Xylenes (total)	**12000**	500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*118 %*	*70-130*		"	"	"	"	
SP1-(25-28) Composite (CNH0386-35) Soil	**Sampled: 08/11/04 13:18**		**Received: 08/12/04 08:00**						
Gasoline	**770000**	250000	µg/kg	250	CN06298	08/13/04	08/13/04	8015GRO/8021 B	GC-25
Benzene	**2400**	1200	"	"	"	"	"	"	
Toluene	**35000**	1200	"	"	"	"	"	"	
Ethylbenzene	**14000**	1200	"	"	"	"	"	"	
Xylenes (total)	**82000**	2500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*115 %*	*70-130*		"	"	"	"	
SP1-(29-32) Composite (CNH0386-40) Soil	**Sampled: 08/11/04 13:22**		**Received: 08/12/04 08:00**						
Gasoline	**310000**	50000	µg/kg	50	CN06264	08/12/04	08/12/04	8015GRO/8021 B	GC-25
Benzene	**520**	250	"	"	"	"	"	"	
Toluene	**11000**	250	"	"	"	"	"	"	
Ethylbenzene	**5900**	250	"	"	"	"	"	"	
Xylenes (total)	**30000**	500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*154 %*	*70-130*		"	"	"	"	*S-04*
SP1-(33-36) Composite (CNH0386-45) Soil	**Sampled: 08/11/04 13:26**		**Received: 08/12/04 08:00**						
Gasoline	**82000**	50000	µg/kg	50	CN06264	08/12/04	08/12/04	8015GRO/8021 B	GC-25
Benzene	ND	250	"	"	"	"	"	"	R-05
Toluene	**940**	250	"	"	"	"	"	"	
Ethylbenzene	**1200**	250	"	"	"	"	"	"	
Xylenes (total)	**6900**	500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*113 %*	*70-130*		"	"	"	"	
SP1-(37-40) Composite (CNH0386-50) Soil	**Sampled: 08/11/04 13:30**		**Received: 08/12/04 08:00**						

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1-(37-40) Composite (CNH0386-50) Soil	**Sampled: 08/11/04 13:30**		**Received: 08/12/04 08:00**						
Gasoline	**78000**	10000	µg/kg	10	CN06298	08/13/04	08/13/04	8015GRO/8021 B	D-12, GAS-1
Benzene	ND	50	"	"	"	"	"	"	R-05
Toluene	**430**	50	"	"	"	"	"	"	
Ethylbenzene	**850**	50	"	"	"	"	"	"	
Xylenes (total)	**5100**	100	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*91.2 %*	*70-130*		"	"	"	"	
SP1-(41-44) Composite (CNH0386-55) Soil	**Sampled: 08/11/04 13:33**		**Received: 08/12/04 08:00**						
Gasoline	**200000**	25000	µg/kg	25	CN06298	08/13/04	08/13/04	8015GRO/8021 B	GC-25
Benzene	**150**	120	"	"	"	"	"	"	
Toluene	**3100**	120	"	"	"	"	"	"	
Ethylbenzene	**2500**	120	"	"	"	"	"	"	
Xylenes (total)	**14000**	250	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*169 %*	*70-130*		"	"	"	"	*S-04*
SP2-(1-4) Composite (CNH0386-60) Soil	**Sampled: 08/11/04 14:23**		**Received: 08/12/04 08:00**						
Gasoline	ND	1000	µg/kg	1	CN06264	08/12/04	08/12/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*104 %*	*70-130*		"	"	"	"	
SP2-(5-8) Composite (CNH0386-65) Soil	**Sampled: 08/11/04 14:27**		**Received: 08/12/04 08:00**						
Gasoline	ND	1000	µg/kg	1	CN06264	08/12/04	08/12/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.9 %*	*70-130*		"	"	"	"	
SP2-(9-12) Composite (CNH0386-70) Soil	**Sampled: 08/11/04 14:31**		**Received: 08/12/04 08:00**						
Gasoline	ND	1000	µg/kg	1	CN06264	08/12/04	08/12/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2-(9-12) Composite (CNH0386-70) Soil	**Sampled: 08/11/04 14:31**		**Received: 08/12/04 08:00**						
Xylenes (total)	ND	10	µg/kg	1	CN06264	08/12/04	08/12/04	8015GRO/8021 B	
Surrogate: o-Chlorotoluene (Gas)		*94.2 %*	*70-130*		"	"	"	"	
SP2-(13-16) Composite (CNH0386-75) Soil	**Sampled: 08/11/04 14:35**		**Received: 08/12/04 08:00**						
Gasoline	ND	1000	µg/kg	1	CN06298	08/13/04	08/13/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.0 %*	*70-130*		"	"	"	"	
SP2-(17-20) Composite (CNH0386-80) Soil	**Sampled: 08/11/04 14:39**		**Received: 08/12/04 08:00**						
Gasoline	ND	1000	µg/kg	1	CN06298	08/13/04	08/13/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*99.0 %*	*70-130*		"	"	"	"	
SP2-(21-25) Composite (CNH0386-85) Soil	**Sampled: 08/11/04 14:43**		**Received: 08/12/04 08:00**						
Gasoline	ND	1000	µg/kg	1	CN06298	08/13/04	08/13/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*101 %*	*70-130*		"	"	"	"	
SP2-(25-28) Composite (CNH0386-90) Soil	**Sampled: 08/11/04 14:47**		**Received: 08/12/04 08:00**						
Gasoline	ND	1000	µg/kg	1	CN06298	08/13/04	08/13/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.3 %*	*70-130*		"	"	"	"	
SP2-(29-32) Composite (CNH0386-95) Soil	**Sampled: 08/11/04 14:51**		**Received: 08/12/04 08:00**						

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2-(29-32) Composite (CNH0386-95) Soil	**Sampled: 08/11/04 14:51**		**Received: 08/12/04 08:00**						
Gasoline	ND	1000	µg/kg	1	CN06298	08/13/04	08/13/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*95.5 %*	*70-130*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1-(1-4) Composite (CNH0386-05) Soil	**Sampled: 08/11/04 10:23**		**Received: 08/12/04 08:00**						
Lead	12	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP1-(5-8) Composite (CNH0386-10) Soil	**Sampled: 08/11/04 10:23**		**Received: 08/12/04 08:00**						
Lead	6.8	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP1-(9-12) Composite (CNH0386-15) Soil	**Sampled: 08/11/04 10:31**		**Received: 08/12/04 08:00**						
Lead	8.3	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP1-(13-16) Composite (CNH0386-20) Soil	**Sampled: 08/11/04 10:35**		**Received: 08/12/04 08:00**						
Lead	9.5	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP1-(17-20) Composite (CNH0386-25) Soil	**Sampled: 08/11/04 10:39**		**Received: 08/12/04 08:00**						
Lead	8.7	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP1-(21-24) Composite (CNH0386-30) Soil	**Sampled: 08/11/04 10:43**		**Received: 08/12/04 08:00**						
Lead	9.1	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP1-(25-28) Composite (CNH0386-35) Soil	**Sampled: 08/11/04 13:18**		**Received: 08/12/04 08:00**						
Lead	8.2	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP1-(29-32) Composite (CNH0386-40) Soil	**Sampled: 08/11/04 13:22**		**Received: 08/12/04 08:00**						
Lead	9.5	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP1-(33-36) Composite (CNH0386-45) Soil	**Sampled: 08/11/04 13:26**		**Received: 08/12/04 08:00**						
Lead	9.5	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP1-(37-40) Composite (CNH0386-50) Soil	**Sampled: 08/11/04 13:30**		**Received: 08/12/04 08:00**						
Lead	9.0	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP1-(41-44) Composite (CNH0386-55) Soil	**Sampled: 08/11/04 13:33**		**Received: 08/12/04 08:00**						
Lead	8.3	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP2-(1-4) Composite (CNH0386-60) Soil	**Sampled: 08/11/04 14:23**		**Received: 08/12/04 08:00**						
Lead	7.3	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP2-(5-8) Composite (CNH0386-65) Soil	**Sampled: 08/11/04 14:27**		**Received: 08/12/04 08:00**						
Lead	14	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP2-(9-12) Composite (CNH0386-70) Soil	**Sampled: 08/11/04 14:31**		**Received: 08/12/04 08:00**						
Lead	8.1	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP2-(13-16) Composite (CNH0386-75) Soil	**Sampled: 08/11/04 14:35**		**Received: 08/12/04 08:00**						
Lead	8.6	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP2-(17-20) Composite (CNH0386-80) Soil	**Sampled: 08/11/04 14:39**		**Received: 08/12/04 08:00**						

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2-(17-20) Composite (CNH0386-80) Soil	**Sampled: 08/11/04 14:39 Received: 08/12/04 08:00**								
Lead	**10**	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP2-(21-25) Composite (CNH0386-85) Soil	**Sampled: 08/11/04 14:43 Received: 08/12/04 08:00**								
Lead	**11**	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP2-(25-28) Composite (CNH0386-90) Soil	**Sampled: 08/11/04 14:47 Received: 08/12/04 08:00**								
Lead	**8.9**	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	
SP2-(29-32) Composite (CNH0386-95) Soil	**Sampled: 08/11/04 14:51 Received: 08/12/04 08:00**								
Lead	**7.6**	2.5	mg/kg	1	CN06265	08/13/04	08/16/04	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1-(1-4) Composite (CNH0386-05) Soil	**Sampled: 08/11/04 10:23**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	50	µg/kg	10	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.6 %*	*60-140*		"	"	"	"	
SP1-(5-8) Composite (CNH0386-10) Soil	**Sampled: 08/11/04 10:23**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	50	µg/kg	10	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*69.6 %*	*60-140*		"	"	"	"	
SP1-(9-12) Composite (CNH0386-15) Soil	**Sampled: 08/11/04 10:31**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	50	µg/kg	10	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*82.2 %*	*60-140*		"	"	"	"	
SP1-(13-16) Composite (CNH0386-20) Soil	**Sampled: 08/11/04 10:35**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	50	µg/kg	10	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*79.2 %*	*60-140*		"	"	"	"	
SP1-(17-20) Composite (CNH0386-25) Soil	**Sampled: 08/11/04 10:39**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	50	µg/kg	10	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	50	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1-(17-20) Composite (CNH0386-25) Soil	**Sampled: 08/11/04 10:39**		**Received: 08/12/04 08:00**						
Tert-butyl alcohol	ND	500	µg/kg	10	CN06289	08/12/04	08/12/04	EPA 8260B	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*71.4 %*	*60-140*		"	"	"	"	
SP1-(21-24) Composite (CNH0386-30) Soil	**Sampled: 08/11/04 10:43**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	25	µg/kg	5	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*70.2 %*	*60-140*		"	"	"	"	
SP1-(25-28) Composite (CNH0386-35) Soil	**Sampled: 08/11/04 13:18**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	25	µg/kg	5	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*91.6 %*	*60-140*		"	"	"	"	
SP1-(29-32) Composite (CNH0386-40) Soil	**Sampled: 08/11/04 13:22**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	25	µg/kg	5	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*60-140*		"	"	"	"	
SP1-(33-36) Composite (CNH0386-45) Soil	**Sampled: 08/11/04 13:26**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	25	µg/kg	5	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.4 %*	*60-140*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1-(37-40) Composite (CNH0386-50) Soil	**Sampled: 08/11/04 13:30**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	25	µg/kg	5	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*88.8 %*	*60-140*		"	"	"	"	
SP1-(41-44) Composite (CNH0386-55) Soil	**Sampled: 08/11/04 13:33**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	25	µg/kg	5	CN06289	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.0 %*	*60-140*		"	"	"	"	
SP2-(1-4) Composite (CNH0386-60) Soil	**Sampled: 08/11/04 14:23**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*60-140*		"	"	"	"	
SP2-(5-8) Composite (CNH0386-65) Soil	**Sampled: 08/11/04 14:27**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*60-140*		"	"	"	"	
SP2-(9-12) Composite (CNH0386-70) Soil	**Sampled: 08/11/04 14:31**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2-(9-12) Composite (CNH0386-70) Soil	**Sampled: 08/11/04 14:31**		**Received: 08/12/04 08:00**						
Tert-butyl alcohol	ND	50	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.4 %*	*60-140*		"	"	"	"	
SP2-(13-16) Composite (CNH0386-75) Soil	**Sampled: 08/11/04 14:35**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*60-140*		"	"	"	"	
SP2-(17-20) Composite (CNH0386-80) Soil	**Sampled: 08/11/04 14:39**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*60-140*		"	"	"	"	
SP2-(21-25) Composite (CNH0386-85) Soil	**Sampled: 08/11/04 14:43**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.4 %*	*60-140*		"	"	"	"	
SP2-(25-28) Composite (CNH0386-90) Soil	**Sampled: 08/11/04 14:47**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.2 %*	*60-140*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2-(29-32) Composite (CNH0386-95) Soil	**Sampled: 08/11/04 14:51**		**Received: 08/12/04 08:00**						
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06099	08/12/04	08/12/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.4 %*	*60-140*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06250 - LUFT-DHS GCNV										
Blank (CN06250-BLK1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
LCS (CN06250-BS1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	44.1	1.0	mg/kg	50.0		88.2	65-135			
LCS Dup (CN06250-BSD1)				Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	50.1	1.0	mg/kg	50.0		100	65-135	12.7	30	
Matrix Spike (CN06250-MS1)		Source: CNH0386-95		Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	44.3	1.0	mg/kg	50.0	ND	88.6	59-138			
Matrix Spike Dup (CN06250-MSD1)		Source: CNH0386-95		Prepared: 08/12/04 Analyzed: 08/14/04						
Diesel	44.1	1.0	mg/kg	50.0	ND	88.2	59-138	0.452	37	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento CA, 95827

Project: Machado Ranch
Project Number: 47359-001
Project Manager: Steve Dalton

CLS Work Order #: CNH0386

COC #: 16238

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06264 - EPA 5030 Soil GC										
Blank (CN06264-BLK1)				Prepared & Analyzed: 08/12/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*106*		"	*100*		*106*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*105*		"	*100*		*105*	*70-130*			
LCS (CN06264-BS1)				Prepared & Analyzed: 08/12/04						
Gasoline	2590	1000	µg/kg	2500		104	65-135			
Surrogate: o-Chlorotoluene (Gas)	*109*		"	*100*		*109*	*70-130*			
LCS Dup (CN06264-BSD1)				Prepared & Analyzed: 08/12/04						
Gasoline	2390	1000	µg/kg	2500		95.6	65-135	8.03	30	
Surrogate: o-Chlorotoluene (Gas)	*109*		"	*100*		*109*	*70-130*			
Matrix Spike (CN06264-MS1)		**Source: CNH0386-70**		Prepared & Analyzed: 08/12/04						
Gasoline	2380	1000	µg/kg	2500	ND	95.2	63-124			
Surrogate: o-Chlorotoluene (Gas)	*103*		"	*100*		*103*	*70-130*			
Matrix Spike Dup (CN06264-MSD1)		**Source: CNH0386-70**		Prepared & Analyzed: 08/12/04						
Gasoline	2490	1000	µg/kg	2500	ND	99.6	63-124	4.52	35	
Surrogate: o-Chlorotoluene (Gas)	*105*		"	*100*		*105*	*70-130*			
Batch CN06298 - EPA 5030 Soil GC										
Blank (CN06298-BLK1)				Prepared & Analyzed: 08/13/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*110*		"	*100*		*110*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*101*		"	*100*		*101*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06298 - EPA 5030 Soil GC										
LCS (CN06298-BS1)				Prepared & Analyzed: 08/13/04						
Gasoline	2510	1000	µg/kg	2500		100	65-135			
Surrogate: o-Chlorotoluene (Gas)	*109*		"	*100*		*109*	*70-130*			
LCS Dup (CN06298-BSD1)				Prepared & Analyzed: 08/13/04						
Gasoline	2410	1000	µg/kg	2500		96.4	65-135	4.07	30	
Surrogate: o-Chlorotoluene (Gas)	*104*		"	*100*		*104*	*70-130*			
Matrix Spike (CN06298-MS1)		**Source: CNH0386-95**		Prepared & Analyzed: 08/13/04						
Gasoline	2400	1000	µg/kg	2500	ND	96.0	63-124			
Surrogate: o-Chlorotoluene (Gas)	*104*		"	*100*		*104*	*70-130*			
Matrix Spike Dup (CN06298-MSD1)		**Source: CNH0386-95**		Prepared & Analyzed: 08/13/04						
Gasoline	2150	1000	µg/kg	2500	ND	86.0	63-124	11.0	35	
Surrogate: o-Chlorotoluene (Gas)	*96.1*		"	*100*		*96.1*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06265 - EPA 3050B										
Blank (CN06265-BLK1)				Prepared: 08/13/04 Analyzed: 08/16/04						
Lead	ND	2.5	mg/kg							
LCS (CN06265-BS1)				Prepared: 08/13/04 Analyzed: 08/16/04						
Lead	23.2	2.5	mg/kg	25.0		92.8	75-125			
LCS Dup (CN06265-BSD1)				Prepared: 08/13/04 Analyzed: 08/16/04						
Lead	23.3	2.5	mg/kg	25.0		93.2	75-125	0.430	25	
Matrix Spike (CN06265-MS1)		Source: CNH0386-05		Prepared: 08/13/04 Analyzed: 08/16/04						
Lead	28.4	2.5	mg/kg	25.0	12	65.6	75-125			QM-05
Matrix Spike Dup (CN06265-MSD1)		Source: CNH0386-05		Prepared: 08/13/04 Analyzed: 08/16/04						
Lead	32.0	2.5	mg/kg	25.0	12	80.0	75-125	11.9	30	

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06099 - Volatiles										
Blank (CN06099-BLK1)				Prepared & Analyzed: 08/12/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
1,2-Dichloroethane	ND	5.0	"							
Surrogate: Toluene-d8	*52.0*		"	*50.0*		*104*	*60-140*			
LCS (CN06099-BS1)				Prepared & Analyzed: 08/12/04						
Methyl tert-butyl ether	48.4	5.0	µg/kg	50.0		96.8	60-140			
Surrogate: Toluene-d8	*55.6*		"	*50.0*		*111*	*60-140*			
LCS Dup (CN06099-BSD1)				Prepared & Analyzed: 08/12/04						
Methyl tert-butyl ether	48.3	5.0	µg/kg	50.0		96.6	60-140	0.207	30	
Surrogate: Toluene-d8	*52.4*		"	*50.0*		*105*	*60-140*			
Batch CN06289 - EPA 5030 Soil MS										
Blank (CN06289-BLK1)				Prepared & Analyzed: 08/12/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
1,2-Dichloroethane	ND	5.0	"							
Surrogate: Toluene-d8	*53.2*		"	*50.0*		*106*	*60-140*			

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06289 - EPA 5030 Soil MS										
LCS (CN06289-BS1)				Prepared & Analyzed: 08/12/04						
Methyl tert-butyl ether	45.9	5.0	µg/kg	50.0		91.8	60-140			
Surrogate: Toluene-d8	*50.6*		"	*50.0*		*101*	*60-140*			
LCS Dup (CN06289-BSD1)				Prepared & Analyzed: 08/12/04						
Methyl tert-butyl ether	44.0	5.0	µg/kg	50.0		88.0	60-140	4.23	30	
Surrogate: Toluene-d8	*56.3*		"	*50.0*		*113*	*60-140*			
Matrix Spike (CN06289-MS1)		**Source: CNH0388-09**		Prepared: 08/12/04 Analyzed: 08/13/04						
Methyl tert-butyl ether	103	5.0	µg/kg	100	ND	103	60-140			
Surrogate: Toluene-d8	*31.6*		"	*50.0*		*63.2*	*60-140*			
Matrix Spike Dup (CN06289-MSD1)		**Source: CNH0388-09**		Prepared: 08/12/04 Analyzed: 08/13/04						
Methyl tert-butyl ether	107	5.0	µg/kg	100	ND	107	60-140	3.81	30	
Surrogate: Toluene-d8	*30.9*		"	*50.0*		*61.8*	*60-140*			

CALIFORNIA LABORATORY SERVICES

08/20/04 09:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0386**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16238

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
GC-25	Weathered gasoline.
GAS-1	Although sample contains compounds in the retention time range associated with gasoline, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on gasoline.
DSL-1	Although sample contains compounds in the retention time range associated with diesel, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on diesel.
D-12	Results in the Gasoline Range are primarily due to overlap from a heavier fuel hydrocarbon product.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

KLEINFELDER

PROJECT NO.	PROJECT NAME
47359-2	MacMado Ranch

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)
as above	Steve Dalton 4178

RECEIVING LAB: CLS Attn: Scott

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: TPH Extractable (Diesel)	TPH Purgeable (Gasoline)	BTEX	5 Oxygenates	1,2-DCA	Total Lead	INSTRUCTIONS/REMARKS
1	8-18-04	0815	GB25-11	S	1		X	X	X	X	X	X	
2	↓	0850	GB25-14.5	↓	↓		X	X	X	X	X	X	
3		1105	GB25-GW	W	6		X	X	X	X	X	X	
4		1010	GB26-15	S	1		X	X	X	X	X	X	
5		1030	GB26-22	↓	↓		X	X	X	X	X	X	
6		1055	GB26-GW	W	6		X	X	X	X	X	X	
7		1140	GB27-11	S	1		X	X	X	X	X	X	
8		1150	GB27-14	↓	↓		X	X	X	X	X	X	
9		1215	GB27-22	↓	↓		X	X	X	X	X	X	
10		1225	GB27-GW	W	6		X	X	X	X	X	X	
11		1325	GB28-15	S	1		X	X	X	X	X	X	
12	↓	1345	GB28-20	↓	↓		X	X	X	X	X	X	
13	8-19-04	0800	GB28-GW	W	6		X	X	X	X	X	X	
14	8-18-04	1455	GB29-13.5	S	1		X	X	X	X	X	X	
15	↓	1515	GB29-20	↓	↓		X	X	X	X	X	X	
16	8-19-04	0815	GB29-GW	W	6		X	X	X	X	X	X	
17		0940	GB30-16	S	1		X	X	X	X	X	X	
18		1010	GB30-GW	W	6		X	X	X	X	X	X	
19		1045	GB31-15.5	S	1		X	X	X	X	X	X	
20		1050	GB31-20	↓	↓		X	X	X	X	X	X	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	08-23-04 1545	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	8/23/04 1535	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	8/23/04 1535	

Instructions/Remarks: Standard TAT

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Steve Dalton & Ron Hill

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

№ 16250

KLEINFELDER

PROJECT NO.	PROJECT NAME
47359-2	Machado Ranch

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)
as above	Steve Dalton 4178

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CON-TAINERS	TYPE OF CON-TAINERS
1	8/9/04	1110	GB31-GW	W	6	
2		1145	GB32-12	S	1	
3		1155	GB32-20			
4		1210	GB32-GW	W	6	
5		1325	GB33-15	S	1	
6		1330	GB33-20			
7		1345	GB33-GW	W	6	
8		1458	GB34-12	S	1	
9		1534	GB34-GW	W	6	
10	8-2004	0810	GB35-[illegible]	S	1	
11		0830	GB35-GW	W	6	
12		0835	GB36-GW			
13		1030	GB37-GW			
14		1115	GB38-GW			
15		1305	GB39-GW			
16		1355	GB40-GW			
17		1510	GB41-GW			
18		1255	GB39-16			
19		0820	GB35-22	S	1	
20						

ANALYSIS: TPH-Extractable (Diesel & Motor Oil); TPH-Purgeable (Gasoline); BTEX; 5 Oxygenates; 1,2-DCA; Total Lead

RECEIVING LAB: CLS: Attn Scott

INSTRUCTIONS/REMARKS

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	8-23-04 1525	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	8/23/04 1525	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	8-23-04 1535	

Instructions/Remarks: Standard TAT

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Steve Dalton

M-60

White – Sampler

Canary – Return

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB25 - 11 (CNH0737-01) Soil Sampled: 08/18/04 08:45 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
GB25 - 14.5 (CNH0737-02) Soil Sampled: 08/18/04 08:50 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
GB25 - GW (CNH0737-03) Water Sampled: 08/18/04 11:05 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
GB26 - 15 (CNH0737-04) Soil Sampled: 08/18/04 10:10 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
GB26 - 22 (CNH0737-05) Soil Sampled: 08/18/04 10:30 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
GB26 - GW (CNH0737-06) Water Sampled: 08/18/04 10:55 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
GB27 - 11 (CNH0737-07) Soil Sampled: 08/18/04 11:40 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	**11**	1.0	"	"	"	"	"	"	
GB27 - 14 (CNH0737-08) Soil Sampled: 08/18/04 11:50 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
GB27 - 22 (CNH0737-09) Soil Sampled: 08/18/04 12:15 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	**5.2**	1.0	"	"	"	"	"	"	
GB27 - GW (CNH0737-10) Water Sampled: 08/18/04 12:25 Received: 08/23/04 15:35									
Diesel	**2.5**	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	DSL-1
Motor Oil	ND	0.050	"	"	"	"	"	"	
GB28 - 15 (CNH0737-11) Soil Sampled: 08/18/04 13:25 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B28 - 20 (CNH0737-12) Soil Sampled: 08/18/04 13:45 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
B28 - GW (CNH0737-13) Water Sampled: 08/19/04 08:00 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
B29 - 13.5 (CNH0737-14) Soil Sampled: 08/18/04 14:55 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
B29 - 20 (CNH0737-15) Soil Sampled: 08/18/04 15:15 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/26/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
B29 - GW (CNH0737-16) Water Sampled: 08/19/04 08:15 Received: 08/23/04 15:35									
Diesel	**4.8**	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	DSL-1
Motor Oil	**2.0**	0.050	"	"	"	"	"	"	DSL-3
B30 - 16 (CNH0737-17) Soil Sampled: 08/19/04 09:40 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/27/04	EPA 8015M	
Motor Oil	**230**	5.0	"	5	"	"	"	"	
B30 - GW (CNH0737-18) Water Sampled: 08/19/04 10:10 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	**5.9**	0.050	"	"	"	"	"	"	DSL-3
B31 - 15.5 (CNH0737-19) Soil Sampled: 08/19/04 10:45 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/27/04	EPA 8015M	
Motor Oil	**8.4**	1.0	"	"	"	"	"	"	
B31 - 20 (CNH0737-20) Soil Sampled: 08/19/04 10:50 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/27/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
B31 - GW (CNH0737-21) Water Sampled: 08/19/04 11:10 Received: 08/23/04 15:35									
Diesel	**0.52**	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	DSL-1
Motor Oil	**31**	0.50	"	10	"	"	"	"	DSL-3
B32 - 12 (CNH0737-22) Soil Sampled: 08/19/04 11:45 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/27/04	EPA 8015M	
Motor Oil	**2.4**	1.0	"	"	"	"	"	"	
B32 - 20 (CNH0737-23) Soil Sampled: 08/19/04 11:55 Received: 08/23/04 15:35									

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08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB32 - 20 (CNH0737-23) Soil Sampled: 08/19/04 11:55 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/27/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
GB32 - GW (CNH0737-24) Water Sampled: 08/19/04 12:10 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	**6.1**	0.25	"	5	"	"	"	"	DSL-3
GB33 - 15 (CNH0737-25) Soil Sampled: 08/19/04 13:25 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/27/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
GB33 - 20 (CNH0737-26) Soil Sampled: 08/19/04 13:30 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/27/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
GB33 - GW (CNH0737-27) Water Sampled: 08/19/04 13:45 Received: 08/23/04 15:35									
Diesel	**0.60**	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	DSL-1
Motor Oil	**30**	0.50	"	10	"	"	"	"	DSL-3
GB34 - 12 (CNH0737-28) Soil Sampled: 08/19/04 14:58 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/27/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
GB34 - GW (CNH0737-29) Water Sampled: 08/19/04 15:34 Received: 08/23/04 15:35									
Diesel	**11**	0.25	mg/L	5	CN06544	08/24/04	08/25/04	EPA 8015M	DSL-1
Motor Oil	**13**	0.25	"	"	"	"	"	"	DSL-3
GB35 - 14 (CNH0737-30) Soil Sampled: 08/20/04 08:10 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06619	08/25/04	08/27/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
GB35 - GW (CNH0737-31) Water Sampled: 08/20/04 08:30 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	**10**	0.25	"	5	"	"	"	"	DSL-3
GB36 - GW (CNH0737-32) Water Sampled: 08/20/04 09:35 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	**17**	0.50	"	10	"	"	"	"	DSL-3
GB37 - GW (CNH0737-33) Water Sampled: 08/20/04 10:30 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	**5.5**	0.050	"	"	"	"	"	"	DSL-3
GB38 - GW (CNH0737-34) Water Sampled: 08/20/04 11:15 Received: 08/23/04 15:35									

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08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B38 - GW (CNH0737-34) Water Sampled: 08/20/04 11:15 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	**5.6**	0.25	"	5	"	"	"	"	DSL-3
B39 - GW (CNH0737-35) Water Sampled: 08/20/04 13:05 Received: 08/23/04 15:35									
Diesel	**0.41**	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	DSL-1
Motor Oil	**6.9**	0.25	"	5	"	"	"	"	DSL-3
B40 - GW (CNH0737-36) Water Sampled: 08/20/04 13:55 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	**4.0**	0.050	"	"	"	"	"	"	DSL-3
B41 - GW (CNH0737-37) Water Sampled: 08/20/04 15:10 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	**3.1**	0.050	"	"	"	"	"	"	DSL-3
B39 - 16 (CNH0737-38) Soil Sampled: 08/20/04 12:55 Received: 08/23/04 15:35									
Diesel	**7.8**	1.0	mg/kg	1	CN06589	08/25/04	08/26/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	"	"	"	"	"	
B35 - 22 (CNH0737-39) Soil Sampled: 08/20/04 08:20 Received: 08/23/04 15:35									
Diesel	ND	1.0	mg/kg	1	CN06589	08/25/04	08/26/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
W -Sing 04 (CNH0737-40) Water Sampled: 08/20/04 16:00 Received: 08/23/04 15:35									
Diesel	ND	0.050	mg/L	1	CN06544	08/24/04	08/25/04	EPA 8015M	
Motor Oil	**0.053**	0.050	"	"	"	"	"	"	DSL-3

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08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB25 - 11 (CNH0737-01) Soil Sampled: 08/18/04 08:45 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*96.2 %*	*70-130*		"	"	"	"	
GB25 - 14.5 (CNH0737-02) Soil Sampled: 08/18/04 08:50 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*97.8 %*	*70-130*		"	"	"	"	
GB25 - GW (CNH0737-03) Water Sampled: 08/18/04 11:05 Received: 08/23/04 15:35									
Gasoline	ND	50	µg/L	1	CN06545	08/24/04	08/24/04	8015GRO/8021 B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*110 %*	*65-135*		"	"	"	"	
GB26 - 15 (CNH0737-04) Soil Sampled: 08/18/04 10:10 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*100 %*	*70-130*		"	"	"	"	
GB26 - 22 (CNH0737-05) Soil Sampled: 08/18/04 10:30 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB26 - 22 (CNH0737-05) Soil Sampled: 08/18/04 10:30 Received: 08/23/04 15:35									
Xylenes (total)	ND	10	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Surrogate: o-Chlorotoluene (Gas)		*95.8 %*	*70-130*		"	"	"	"	
GB26 - GW (CNH0737-06) Water Sampled: 08/18/04 10:55 Received: 08/23/04 15:35									
Gasoline	ND	50	µg/L	1	CN06545	08/24/04	08/24/04	8015GRO/8021 B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*107 %*	*65-135*		"	"	"	"	
GB27 - 11 (CNH0737-07) Soil Sampled: 08/18/04 11:40 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*99.6 %*	*70-130*		"	"	"	"	
GB27 - 14 (CNH0737-08) Soil Sampled: 08/18/04 11:50 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*103 %*	*70-130*		"	"	"	"	
GB27 - 22 (CNH0737-09) Soil Sampled: 08/18/04 12:15 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*101 %*	*70-130*		"	"	"	"	
GB27 - GW (CNH0737-10) Water Sampled: 08/18/04 12:25 Received: 08/23/04 15:35									

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08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB27 - GW (CNH0737-10) Water Sampled: 08/18/04 12:25 Received: 08/23/04 15:35									
Gasoline	**5300**	500	µg/L	10	CN06545	08/24/04	08/25/04	8015GRO/8021 B	GAS-1
Benzene	**1400**	500	"	1000	"	"	08/26/04	"	
Toluene	**9.0**	0.50	"	1	"	"	08/24/04	"	
Ethylbenzene	**430**	5.0	"	10	"	"	08/25/04	"	
Xylenes (total)	**230**	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*104 %*	*65-135*		"	"	"	"	
GB28 - 15 (CNH0737-11) Soil Sampled: 08/18/04 13:25 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	**9.7**	5.0	"	"	"	"	"	"	
Xylenes (total)	**13**	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*108 %*	*70-130*		"	"	"	"	
GB28 - 20 (CNH0737-12) Soil Sampled: 08/18/04 13:45 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*97.8 %*	*70-130*		"	"	"	"	
GB28 - GW (CNH0737-13) Water Sampled: 08/19/04 08:00 Received: 08/23/04 15:35									
Gasoline	**26000**	5000	µg/L	100	CN06545	08/24/04	08/25/04	8015GRO/8021 B	GAS-1
Benzene	**3000**	500	"	1000	"	"	08/26/04	"	
Toluene	**89**	5.0	"	10	"	"	08/24/04	"	
Ethylbenzene	**1800**	50	"	100	"	"	08/25/04	"	
Xylenes (total)	**2200**	100	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*104 %*	*65-135*		"	"	"	"	
GB29 - 13.5 (CNH0737-14) Soil Sampled: 08/18/04 14:55 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB29 - 13.5 (CNH0737-14) Soil Sampled: 08/18/04 14:55 Received: 08/23/04 15:35									
Xylenes (total)	ND	10	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Surrogate: o-Chlorotoluene (Gas)		*94.7 %*		*70-130*	"	"	"	"	
GB29 - 20 (CNH0737-15) Soil Sampled: 08/18/04 15:15 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*97.3 %*		*70-130*	"	"	"	"	
GB29 - GW (CNH0737-16) Water Sampled: 08/19/04 08:15 Received: 08/23/04 15:35									
Gasoline	**12000**	2500	µg/L	50	CN06549	08/24/04	08/24/04	8015GRO/8021 B	GAS-1
Benzene	**1600**	25	"	"	"	"	08/25/04	"	
Toluene	**25**	5.0	"	10	"	"	08/24/04	"	
Ethylbenzene	**940**	25	"	50	"	"	08/25/04	"	
Xylenes (total)	**1800**	50	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*97.5 %*		*65-135*	"	"	"	"	
GB30 - 16 (CNH0737-17) Soil Sampled: 08/19/04 09:40 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*95.4 %*		*70-130*	"	"	"	"	
GB30 - GW (CNH0737-18) Water Sampled: 08/19/04 10:10 Received: 08/23/04 15:35									
Gasoline	ND	50	µg/L	1	CN06549	08/24/04	08/24/04	8015GRO/8021 B	
Benzene	**0.82**	0.50	"	"	"	"	"	"	
Toluene	**1.1**	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.77**	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.4**	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*101 %*		*65-135*	"	"	"	"	
GB31 - 15.5 (CNH0737-19) Soil Sampled: 08/19/04 10:45 Received: 08/23/04 15:35									

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08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB31 - 15.5 (CNH0737-19) Soil Sampled: 08/19/04 10:45 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	**21**	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	**6.6**	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*99.4 %*	*70-130*		"	"	"	"	
GB31 - 20 (CNH0737-20) Soil Sampled: 08/19/04 10:50 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*94.9 %*	*70-130*		"	"	"	"	
GB31 - GW (CNH0737-21) Water Sampled: 08/19/04 11:10 Received: 08/23/04 15:35									
Gasoline	**1000**	50	µg/L	1	CN06549	08/24/04	08/24/04	8015GRO/8021 B	GAS-1
Benzene	**170**	2.5	"	5	"	"	08/25/04	"	
Toluene	**6.4**	0.50	"	1	"	"	08/24/04	"	
Ethylbenzene	**24**	0.50	"	"	"	"	"	"	
Xylenes (total)	**6.1**	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.5 %*	*65-135*		"	"	"	"	
GB32 - 12 (CNH0737-22) Soil Sampled: 08/19/04 11:45 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*94.8 %*	*70-130*		"	"	"	"	
GB32 - 20 (CNH0737-23) Soil Sampled: 08/19/04 11:55 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB32 - 20 (CNH0737-23) Soil Sampled: 08/19/04 11:55 Received: 08/23/04 15:35									
Xylenes (total)	ND	10	µg/kg	1	CN06604	08/25/04	08/25/04	8015GRO/8021 B	
Surrogate: o-Chlorotoluene (Gas)		*95.3 %*	*70-130*		"	"	"	"	
GB32 - GW (CNH0737-24) Water Sampled: 08/19/04 12:10 Received: 08/23/04 15:35									
Gasoline	ND	50	µg/L	1	CN06549	08/24/04	08/24/04	8015GRO/8021 B	
Benzene	**0.72**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*100 %*	*65-135*		"	"	"	"	
GB33 - 15 (CNH0737-25) Soil Sampled: 08/19/04 13:25 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06632	08/26/04	08/26/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.2 %*	*70-130*		"	"	"	"	
GB33 - 20 (CNH0737-26) Soil Sampled: 08/19/04 13:30 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06632	08/26/04	08/26/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*97.9 %*	*70-130*		"	"	"	"	
GB33 - GW (CNH0737-27) Water Sampled: 08/19/04 13:45 Received: 08/23/04 15:35									
Gasoline	**89**	50	µg/L	1	CN06549	08/24/04	08/24/04	8015GRO/8021 B	GAS-1
Benzene	**0.70**	0.50	"	"	"	"	"	"	
Toluene	**1.2**	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.0**	0.50	"	"	"	"	"	"	
Xylenes (total)	**2.4**	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*152 %*	*65-135*		"	"	"	"	*S-04*
GB34 - 12 (CNH0737-28) Soil Sampled: 08/19/04 14:58 Received: 08/23/04 15:35									

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB34 - 12 (CNH0737-28) Soil Sampled: 08/19/04 14:58 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06632	08/26/04	08/26/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.6 %*	*70-130*		"	"	"	"	
GB34 - GW (CNH0737-29) Water Sampled: 08/19/04 15:34 Received: 08/23/04 15:35									
Gasoline	**12000**	1200	µg/L	25	CN06549	08/24/04	08/24/04	8015GRO/8021 B	GAS-1
Benzene	**6.8**	2.5	"	5	"	"	"	"	
Toluene	**20**	2.5	"	"	"	"	"	"	
Ethylbenzene	**360**	12	"	25	"	"	"	"	
Xylenes (total)	**940**	25	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*94.0 %*	*65-135*		"	"	"	"	
GB35 - 14 (CNH0737-30) Soil Sampled: 08/20/04 08:10 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06632	08/26/04	08/26/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*70-130*		"	"	"	"	
GB35 - GW (CNH0737-31) Water Sampled: 08/20/04 08:30 Received: 08/23/04 15:35									
Gasoline	ND	50	µg/L	1	CN06549	08/24/04	08/24/04	8015GRO/8021 B	
Benzene	**3.5**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.1**	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.4**	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*65-135*		"	"	"	"	
GB36 - GW (CNH0737-32) Water Sampled: 08/20/04 09:35 Received: 08/23/04 15:35									
Gasoline	ND	50	µg/L	1	CN06602	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB36 - GW (CNH0737-32) Water	**Sampled: 08/20/04 09:35**		**Received: 08/23/04 15:35**						
Xylenes (total)	**1.1**	1.0	µg/L	1	CN06602	08/25/04	08/25/04	8015GRO/8021 B	
Surrogate: o-Chlorotoluene (Gas)		*104 %*	*65-135*		"	"	"	"	
GB37 - GW (CNH0737-33) Water	**Sampled: 08/20/04 10:30**		**Received: 08/23/04 15:35**						
Gasoline	ND	50	µg/L	1	CN06602	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*112 %*	*65-135*		"	"	"	"	
GB38 - GW (CNH0737-34) Water	**Sampled: 08/20/04 11:15**		**Received: 08/23/04 15:35**						
Gasoline	ND	50	µg/L	1	CN06602	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*109 %*	*65-135*		"	"	"	"	
GB39 - GW (CNH0737-35) Water	**Sampled: 08/20/04 13:05**		**Received: 08/23/04 15:35**						
Gasoline	**340**	50	µg/L	1	CN06602	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	**1.3**	0.50	"	"	"	"	"	"	
Toluene	**5.6**	0.50	"	"	"	"	"	"	
Ethylbenzene	**2.9**	0.50	"	"	"	"	"	"	
Xylenes (total)	**15**	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*110 %*	*65-135*		"	"	"	"	
GB40 - GW (CNH0737-36) Water	**Sampled: 08/20/04 13:55**		**Received: 08/23/04 15:35**						
Gasoline	ND	50	µg/L	1	CN06602	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*109 %*	*65-135*		"	"	"	"	
GB41 - GW (CNH0737-37) Water	**Sampled: 08/20/04 15:10**		**Received: 08/23/04 15:35**						

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB41 - GW (CNH0737-37) Water Sampled: 08/20/04 15:10 Received: 08/23/04 15:35									
Gasoline	ND	50	µg/L	1	CN06602	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*106 %*	*65-135*		"	"	"	"	
GB39 - 16 (CNH0737-38) Soil Sampled: 08/20/04 12:55 Received: 08/23/04 15:35									
Gasoline	**44000**	10000	µg/kg	10	CN06632	08/26/04	08/27/04	8015GRO/8021 B	D-12, GAS-1
Benzene	**5.9**	5.0	"	1	"	"	08/26/04	"	
Toluene	**57**	50	"	10	"	"	08/27/04	"	
Ethylbenzene	**290**	50	"	"	"	"	"	"	
Xylenes (total)	**540**	100	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*131 %*	*70-130*		"	"	"	"	*S-04*
GB35 - 22 (CNH0737-39) Soil Sampled: 08/20/04 08:20 Received: 08/23/04 15:35									
Gasoline	ND	1000	µg/kg	1	CN06632	08/26/04	08/26/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*103 %*	*70-130*		"	"	"	"	
DW -Sing 04 (CNH0737-40) Water Sampled: 08/20/04 16:00 Received: 08/23/04 15:35									
Gasoline	ND	50	µg/L	1	CN06602	08/25/04	08/25/04	8015GRO/8021 B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*106 %*	*65-135*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB25 - GW (CNH0737-03) Water	**Sampled: 08/18/04 11:05**	**Received: 08/23/04 15:35**							
Lead	ND	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB26 - GW (CNH0737-06) Water	**Sampled: 08/18/04 10:55**	**Received: 08/23/04 15:35**							
Lead	ND	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB27 - GW (CNH0737-10) Water	**Sampled: 08/18/04 12:25**	**Received: 08/23/04 15:35**							
Lead	ND	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB28 - GW (CNH0737-13) Water	**Sampled: 08/19/04 08:00**	**Received: 08/23/04 15:35**							
Lead	ND	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB29 - GW (CNH0737-16) Water	**Sampled: 08/19/04 08:15**	**Received: 08/23/04 15:35**							
Lead	**110**	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB30 - GW (CNH0737-18) Water	**Sampled: 08/19/04 10:10**	**Received: 08/23/04 15:35**							
Lead	**20**	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB31 - GW (CNH0737-21) Water	**Sampled: 08/19/04 11:10**	**Received: 08/23/04 15:35**							
Lead	**9.6**	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB32 - GW (CNH0737-24) Water	**Sampled: 08/19/04 12:10**	**Received: 08/23/04 15:35**							
Lead	**17**	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB33 - GW (CNH0737-27) Water	**Sampled: 08/19/04 13:45**	**Received: 08/23/04 15:35**							
Lead	ND	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB34 - GW (CNH0737-29) Water	**Sampled: 08/19/04 15:34**	**Received: 08/23/04 15:35**							
Lead	**160**	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB35 - GW (CNH0737-31) Water	**Sampled: 08/20/04 08:30**	**Received: 08/23/04 15:35**							
Lead	**7.8**	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB36 - GW (CNH0737-32) Water	**Sampled: 08/20/04 09:35**	**Received: 08/23/04 15:35**							
Lead	ND	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB37 - GW (CNH0737-33) Water	**Sampled: 08/20/04 10:30**	**Received: 08/23/04 15:35**							
Lead	**12**	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB38 - GW (CNH0737-34) Water	**Sampled: 08/20/04 11:15**	**Received: 08/23/04 15:35**							
Lead	**9.7**	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB39 - GW (CNH0737-35) Water	**Sampled: 08/20/04 13:05**	**Received: 08/23/04 15:35**							
Lead	ND	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB40 - GW (CNH0737-36) Water	**Sampled: 08/20/04 13:55**	**Received: 08/23/04 15:35**							

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB40 - GW (CNH0737-36) Water	**Sampled: 08/20/04 13:55**	**Received: 08/23/04 15:35**							
Lead	**14**	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
GB41 - GW (CNH0737-37) Water	**Sampled: 08/20/04 15:10**	**Received: 08/23/04 15:35**							
Lead	ND	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	
DW -Sing 04 (CNH0737-40) Water	**Sampled: 08/20/04 16:00**	**Received: 08/23/04 15:35**							
Lead	ND	5.0	µg/L	1	CN06531	08/24/04	08/24/04	EPA 200.8	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB25 - 11 (CNH0737-01) Soil Sampled: 08/18/04 08:45 Received: 08/23/04 15:35									
Lead	5.5	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB25 - 14.5 (CNH0737-02) Soil Sampled: 08/18/04 08:50 Received: 08/23/04 15:35									
Lead	8.1	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB26 - 15 (CNH0737-04) Soil Sampled: 08/18/04 10:10 Received: 08/23/04 15:35									
Lead	5.8	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB26 - 22 (CNH0737-05) Soil Sampled: 08/18/04 10:30 Received: 08/23/04 15:35									**R-01**
Lead	ND	12	mg/kg	5	CN06532	08/24/04	08/24/04	EPA 6010B	
GB27 - 11 (CNH0737-07) Soil Sampled: 08/18/04 11:40 Received: 08/23/04 15:35									
Lead	4.0	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB27 - 14 (CNH0737-08) Soil Sampled: 08/18/04 11:50 Received: 08/23/04 15:35									
Lead	5.8	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB27 - 22 (CNH0737-09) Soil Sampled: 08/18/04 12:15 Received: 08/23/04 15:35									
Lead	7.1	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB28 - 15 (CNH0737-11) Soil Sampled: 08/18/04 13:25 Received: 08/23/04 15:35									
Lead	4.7	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB28 - 20 (CNH0737-12) Soil Sampled: 08/18/04 13:45 Received: 08/23/04 15:35									
Lead	6.7	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB29 - 13.5 (CNH0737-14) Soil Sampled: 08/18/04 14:55 Received: 08/23/04 15:35									
Lead	7.7	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB29 - 20 (CNH0737-15) Soil Sampled: 08/18/04 15:15 Received: 08/23/04 15:35									
Lead	8.0	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB30 - 16 (CNH0737-17) Soil Sampled: 08/19/04 09:40 Received: 08/23/04 15:35									
Lead	54	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB31 - 15.5 (CNH0737-19) Soil Sampled: 08/19/04 10:45 Received: 08/23/04 15:35									
Lead	6.3	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB31 - 20 (CNH0737-20) Soil Sampled: 08/19/04 10:50 Received: 08/23/04 15:35									
Lead	5.9	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB32 - 12 (CNH0737-22) Soil Sampled: 08/19/04 11:45 Received: 08/23/04 15:35									
Lead	4.8	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB32 - 20 (CNH0737-23) Soil Sampled: 08/19/04 11:55 Received: 08/23/04 15:35									

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB32 - 20 (CNH0737-23) Soil	**Sampled: 08/19/04 11:55**	**Received: 08/23/04 15:35**							
Lead	**8.6**	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB33 - 15 (CNH0737-25) Soil	**Sampled: 08/19/04 13:25**	**Received: 08/23/04 15:35**							
Lead	**5.8**	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB33 - 20 (CNH0737-26) Soil	**Sampled: 08/19/04 13:30**	**Received: 08/23/04 15:35**							
Lead	**4.6**	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB34 - 12 (CNH0737-28) Soil	**Sampled: 08/19/04 14:58**	**Received: 08/23/04 15:35**							
Lead	**4.6**	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB35 - 14 (CNH0737-30) Soil	**Sampled: 08/20/04 08:10**	**Received: 08/23/04 15:35**							
Lead	**8.5**	2.5	mg/kg	1	CN06532	08/24/04	08/24/04	EPA 6010B	
GB39 - 16 (CNH0737-38) Soil	**Sampled: 08/20/04 12:55**	**Received: 08/23/04 15:35**							
Lead	ND	2.5	mg/kg	1	CN06580	08/25/04	08/26/04	EPA 6010B	
GB35 - 22 (CNH0737-39) Soil	**Sampled: 08/20/04 08:20**	**Received: 08/23/04 15:35**							
Lead	ND	2.5	mg/kg	1	CN06580	08/25/04	08/26/04	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB25 - 11 (CNH0737-01) Soil Sampled: 08/18/04 08:45 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*72.0 %*	*60-140*		"	"	"	"	
GB25 - 14.5 (CNH0737-02) Soil Sampled: 08/18/04 08:50 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*108 %*	*60-140*		"	"	"	"	
GB25 - GW (CNH0737-03) Water Sampled: 08/18/04 11:05 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*72-125*		"	"	"	"	
GB26 - 15 (CNH0737-04) Soil Sampled: 08/18/04 10:10 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*60-140*		"	"	"	"	
GB26 - 22 (CNH0737-05) Soil Sampled: 08/18/04 10:30 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	

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08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB26 - 22 (CNH0737-05) Soil Sampled: 08/18/04 10:30 Received: 08/23/04 15:35									
Tert-butyl alcohol	ND	50	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*		*60-140*	"	"	"	"	
GB26 - GW (CNH0737-06) Water Sampled: 08/18/04 10:55 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.1 %*		*72-125*	"	"	"	"	
GB27 - 11 (CNH0737-07) Soil Sampled: 08/18/04 11:40 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*60-140*	"	"	"	"	
GB27 - 14 (CNH0737-08) Soil Sampled: 08/18/04 11:50 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.0 %*		*60-140*	"	"	"	"	
GB27 - 22 (CNH0737-09) Soil Sampled: 08/18/04 12:15 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*		*60-140*	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB27 - GW (CNH0737-10) Water Sampled: 08/18/04 12:25 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*72-125*		"	"	"	"	
GB28 - 15 (CNH0737-11) Soil Sampled: 08/18/04 13:25 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*111 %*	*60-140*		"	"	"	"	
GB28 - 20 (CNH0737-12) Soil Sampled: 08/18/04 13:45 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*	*60-140*		"	"	"	"	
GB28 - GW (CNH0737-13) Water Sampled: 08/19/04 08:00 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*72-125*		"	"	"	"	
GB29 - 13.5 (CNH0737-14) Soil Sampled: 08/18/04 14:55 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB29 - 13.5 (CNH0737-14) Soil Sampled: 08/18/04 14:55 Received: 08/23/04 15:35									
Tert-butyl alcohol	ND	50	µg/kg	1	CN06559	08/24/04	08/24/04	EPA 8260B	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*60-140*		"	"	"	"	
GB29 - 20 (CNH0737-15) Soil Sampled: 08/18/04 15:15 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.2 %*	*60-140*		"	"	"	"	
GB29 - GW (CNH0737-16) Water Sampled: 08/19/04 08:15 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**12**	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	**4.9**	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*72-125*		"	"	"	"	
GB30 - 16 (CNH0737-17) Soil Sampled: 08/19/04 09:40 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*76.0 %*	*60-140*		"	"	"	"	
GB30 - GW (CNH0737-18) Water Sampled: 08/19/04 10:10 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.9 %*	*72-125*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB31 - 15.5 (CNH0737-19) Soil Sampled: 08/19/04 10:45 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*86.4 %*	*60-140*		"	"	"	"	
GB31 - 20 (CNH0737-20) Soil Sampled: 08/19/04 10:50 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.2 %*	*60-140*		"	"	"	"	
GB31 - GW (CNH0737-21) Water Sampled: 08/19/04 11:10 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*72-125*		"	"	"	"	
GB32 - 12 (CNH0737-22) Soil Sampled: 08/19/04 11:45 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*60-140*		"	"	"	"	
GB32 - 20 (CNH0737-23) Soil Sampled: 08/19/04 11:55 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB32 - 20 (CNH0737-23) Soil Sampled: 08/19/04 11:55 Received: 08/23/04 15:35									
Tert-butyl alcohol	ND	50	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*117 %*	*60-140*		"	"	"	"	
GB32 - GW (CNH0737-24) Water Sampled: 08/19/04 12:10 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.9 %*	*72-125*		"	"	"	"	
GB33 - 15 (CNH0737-25) Soil Sampled: 08/19/04 13:25 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*60-140*		"	"	"	"	
GB33 - 20 (CNH0737-26) Soil Sampled: 08/19/04 13:30 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*60-140*		"	"	"	"	
GB33 - GW (CNH0737-27) Water Sampled: 08/19/04 13:45 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*72-125*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB34 - 12 (CNH0737-28) Soil Sampled: 08/19/04 14:58 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.4 %*	*60-140*		"	"	"	"	
GB34 - GW (CNH0737-29) Water Sampled: 08/19/04 15:34 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*72-125*		"	"	"	"	
GB35 - 14 (CNH0737-30) Soil Sampled: 08/20/04 08:10 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*60-140*		"	"	"	"	
GB35 - GW (CNH0737-31) Water Sampled: 08/20/04 08:30 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.3 %*	*72-125*		"	"	"	"	
GB36 - GW (CNH0737-32) Water Sampled: 08/20/04 09:35 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB36 - GW (CNH0737-32) Water	**Sampled: 08/20/04 09:35**	**Received: 08/23/04 15:35**							
Tert-butyl alcohol	ND	5.0	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.2 %*	*72-125*		"	"	"	"	
GB37 - GW (CNH0737-33) Water	**Sampled: 08/20/04 10:30**	**Received: 08/23/04 15:35**							
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.6 %*	*72-125*		"	"	"	"	
GB38 - GW (CNH0737-34) Water	**Sampled: 08/20/04 11:15**	**Received: 08/23/04 15:35**							
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.6 %*	*72-125*		"	"	"	"	
GB39 - GW (CNH0737-35) Water	**Sampled: 08/20/04 13:05**	**Received: 08/23/04 15:35**							
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.7 %*	*72-125*		"	"	"	"	
GB40 - GW (CNH0737-36) Water	**Sampled: 08/20/04 13:55**	**Received: 08/23/04 15:35**							
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.4 %*	*72-125*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GB41 - GW (CNH0737-37) Water Sampled: 08/20/04 15:10 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06555	08/24/04	08/24/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.5 %*	*72-125*		"	"	"	"	
GB39 - 16 (CNH0737-38) Soil Sampled: 08/20/04 12:55 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*60-140*		"	"	"	"	
GB35 - 22 (CNH0737-39) Soil Sampled: 08/20/04 08:20 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN06617	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.0 %*	*60-140*		"	"	"	"	
DW -Sing 04 (CNH0737-40) Water Sampled: 08/20/04 16:00 Received: 08/23/04 15:35									
Di-isopropyl ether	ND	0.50	µg/L	1	CN06610	08/25/04	08/25/04	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.7 %*	*72-125*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06544 - EPA 3510B GCNV										
Blank (CN06544-BLK1)				Prepared: 08/24/04 Analyzed: 08/25/04						
Diesel	ND	0.050	mg/L							
Motor Oil	ND	0.050	"							
LCS (CN06544-BS1)				Prepared: 08/24/04 Analyzed: 08/25/04						
Diesel	2.54	0.050	mg/L	2.50		102	65-135			
LCS Dup (CN06544-BSD1)				Prepared: 08/24/04 Analyzed: 08/25/04						
Diesel	2.58	0.050	mg/L	2.50		103	65-135	1.56	30	
Batch CN06589 - LUFT-DHS GCNV										
Blank (CN06589-BLK1)				Prepared: 08/25/04 Analyzed: 08/26/04						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
Hydraulic Oil	ND	1.0	"							
Mineral Oil	ND	1.0	"							
Kerosene	ND	1.0	"							
LCS (CN06589-BS1)				Prepared: 08/25/04 Analyzed: 08/26/04						
Diesel	46.7	1.0	mg/kg	50.0		93.4	65-135			
LCS Dup (CN06589-BSD1)				Prepared: 08/25/04 Analyzed: 08/26/04						
Diesel	48.7	1.0	mg/kg	50.0		97.4	65-135	4.19	30	
Matrix Spike (CN06589-MS1)		Source: CNH0770-08		Prepared: 08/25/04 Analyzed: 08/26/04						
Diesel	54.9	1.0	mg/kg	50.0	ND	110	59-138			

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06589 - LUFT-DHS GCNV										
Matrix Spike Dup (CN06589-MSD1)	**Source: CNH0770-08**			Prepared: 08/25/04		Analyzed: 08/26/04				
Diesel	47.8	1.0	mg/kg	50.0	ND	95.6	59-138	13.8	37	
Batch CN06619 - LUFT-DHS GCNV										
Blank (CN06619-BLK1)				Prepared: 08/25/04		Analyzed: 08/26/04				
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
LCS (CN06619-BS1)				Prepared: 08/25/04		Analyzed: 08/26/04				
Diesel	49.4	1.0	mg/kg	50.0		98.8	65-135			
LCS Dup (CN06619-BSD1)				Prepared: 08/25/04		Analyzed: 08/26/04				
Diesel	43.6	1.0	mg/kg	50.0		87.2	65-135	12.5	30	
Matrix Spike (CN06619-MS1)	**Source: CNH0737-22**			Prepared: 08/25/04		Analyzed: 08/26/04				
Diesel	49.9	1.0	mg/kg	50.0	ND	99.8	59-138			
Matrix Spike Dup (CN06619-MSD1)	**Source: CNH0737-22**			Prepared: 08/25/04		Analyzed: 08/26/04				
Diesel	49.7	1.0	mg/kg	50.0	ND	99.4	59-138	0.402	37	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06545 - EPA 5030 Water GC										
Blank (CN06545-BLK1)				Prepared & Analyzed: 08/24/04						
Gasoline	ND	50	µg/L							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate: o-Chlorotoluene (BTEX)	*19.9*		"	*20.0*		*99.5*	*65-135*			
Surrogate: o-Chlorotoluene (Gas)	*22.0*		"	*20.0*		*110*	*65-135*			
LCS (CN06545-BS1)				Prepared & Analyzed: 08/24/04						
Gasoline	542	50	µg/L	500		108	65-135			
Surrogate: o-Chlorotoluene (Gas)	*22.6*		"	*20.0*		*113*	*65-135*			
LCS Dup (CN06545-BSD1)				Prepared & Analyzed: 08/24/04						
Gasoline	540	50	µg/L	500		108	65-135	0.370	30	
Surrogate: o-Chlorotoluene (Gas)	*22.8*		"	*20.0*		*114*	*65-135*			
Matrix Spike (CN06545-MS1)		**Source: CNH0711-27**		Prepared & Analyzed: 08/24/04						
Gasoline	688	50	µg/L	500	240	89.6	65-135			
Surrogate: o-Chlorotoluene (Gas)	*22.4*		"	*20.0*		*112*	*65-135*			
Matrix Spike Dup (CN06545-MSD1)		**Source: CNH0711-27**		Prepared & Analyzed: 08/24/04						
Gasoline	680	50	µg/L	500	240	88.0	65-135	1.17	30	
Surrogate: o-Chlorotoluene (Gas)	*21.9*		"	*20.0*		*110*	*65-135*			
Batch CN06549 - EPA 5030 Water GC										
Blank (CN06549-BLK1)				Prepared & Analyzed: 08/24/04						
Gasoline	ND	50	µg/L							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate: o-Chlorotoluene (BTEX)	*21.9*		"	*20.0*		*110*	*65-135*			
Surrogate: o-Chlorotoluene (Gas)	*20.9*		"	*20.0*		*104*	*65-135*			

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06549 - EPA 5030 Water GC										
LCS (CN06549-BS1)				Prepared & Analyzed: 08/24/04						
Gasoline	524	50	µg/L	500		105	65-135			
Surrogate: o-Chlorotoluene (Gas)	*21.6*		"	*20.0*		*108*	*65-135*			
LCS Dup (CN06549-BSD1)				Prepared & Analyzed: 08/24/04						
Gasoline	517	50	µg/L	500		103	65-135	1.34	30	
Surrogate: o-Chlorotoluene (Gas)	*21.3*		"	*20.0*		*106*	*65-135*			
Matrix Spike (CN06549-MS1)			Source: CNH0732-01	Prepared & Analyzed: 08/24/04						
Gasoline	477	50	µg/L	500	ND	95.4	65-135			
Surrogate: o-Chlorotoluene (Gas)	*21.3*		"	*20.0*		*106*	*65-135*			
Matrix Spike Dup (CN06549-MSD1)			Source: CNH0732-01	Prepared & Analyzed: 08/24/04						
Gasoline	509	50	µg/L	500	ND	102	65-135	6.49	30	
Surrogate: o-Chlorotoluene (Gas)	*20.9*		"	*20.0*		*104*	*65-135*			
Batch CN06602 - EPA 5030 Water GC										
Blank (CN06602-BLK1)				Prepared & Analyzed: 08/25/04						
Gasoline	ND	50	µg/L							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate: o-Chlorotoluene (BTEX)	*19.8*		"	*20.0*		*99.0*	*65-135*			
Surrogate: o-Chlorotoluene (Gas)	*21.9*		"	*20.0*		*110*	*65-135*			
LCS (CN06602-BS1)				Prepared & Analyzed: 08/25/04						
Benzene	22.9	0.50	µg/L	20.0		114	70-140			
Toluene	21.4	0.50	"	20.0		107	70-140			
Ethylbenzene	21.3	0.50	"	20.0		106	70-140			
Xylenes (total)	65.2	1.0	"	60.0		109	70-140			
Surrogate: o-Chlorotoluene (BTEX)	*19.9*		"	*20.0*		*99.5*	*65-135*			

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06602 - EPA 5030 Water GC										
LCS Dup (CN06602-BSD1)				Prepared & Analyzed: 08/25/04						
Benzene	23.2	0.50	µg/L	20.0		116	70-140	1.30	30	
Toluene	21.7	0.50	"	20.0		108	70-140	1.39	30	
Ethylbenzene	21.6	0.50	"	20.0		108	70-140	1.40	30	
Xylenes (total)	65.9	1.0	"	60.0		110	70-140	1.07	30	
Surrogate: o-Chlorotoluene (BTEX)	*20.2*		"	*20.0*		*101*	*65-135*			
Matrix Spike (CN06602-MS1)		**Source: CNH0737-37**		Prepared & Analyzed: 08/25/04						
Benzene	19.8	0.50	µg/L	20.0	ND	99.0	60-140			
Toluene	19.2	0.50	"	20.0	ND	96.0	60-140			
Ethylbenzene	18.8	0.50	"	20.0	ND	94.0	60-140			
Xylenes (total)	58.3	1.0	"	60.0	ND	97.2	60-140			
Surrogate: o-Chlorotoluene (BTEX)	*19.5*		"	*20.0*		*97.5*	*65-135*			
Matrix Spike Dup (CN06602-MSD1)		**Source: CNH0737-37**		Prepared & Analyzed: 08/25/04						
Benzene	22.6	0.50	µg/L	20.0	ND	113	60-140	13.2	30	
Toluene	21.1	0.50	"	20.0	ND	106	60-140	9.43	30	
Ethylbenzene	21.0	0.50	"	20.0	ND	105	60-140	11.1	30	
Xylenes (total)	63.7	1.0	"	60.0	ND	106	60-140	8.85	30	
Surrogate: o-Chlorotoluene (BTEX)	*19.6*		"	*20.0*		*98.0*	*65-135*			
Batch CN06604 - EPA 5030 Soil GC										
Blank (CN06604-BLK1)				Prepared & Analyzed: 08/25/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*109*		"	*100*		*109*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*103*		"	*100*		*103*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06604 - EPA 5030 Soil GC										
LCS (CN06604-BS1)				Prepared & Analyzed: 08/25/04						
Benzene	108	5.0	µg/kg	100		108	69-120			
Toluene	110	5.0	"	100		110	74-120			
Ethylbenzene	109	5.0	"	100		109	76-121			
Xylenes (total)	336	10	"	300		112	81-121			
Surrogate: o-Chlorotoluene (BTEX)	*99.4*		"	*100*		*99.4*	*70-130*			
LCS Dup (CN06604-BSD1)				Prepared & Analyzed: 08/25/04						
Benzene	107	5.0	µg/kg	100		107	69-120	0.930	30	
Toluene	110	5.0	"	100		110	74-120	0.00	30	
Ethylbenzene	109	5.0	"	100		109	76-121	0.00	30	
Xylenes (total)	333	10	"	300		111	81-121	0.897	30	
Surrogate: o-Chlorotoluene (BTEX)	*100*		"	*100*		*100*	*70-130*			
Matrix Spike (CN06604-MS1)		**Source: CNH0737-09**		Prepared & Analyzed: 08/25/04						
Benzene	108	5.0	µg/kg	100	ND	108	51-123			
Toluene	110	5.0	"	100	ND	110	61-123			
Ethylbenzene	109	5.0	"	100	ND	109	65-124			
Xylenes (total)	332	10	"	300	ND	111	66-125			
Surrogate: o-Chlorotoluene (BTEX)	*98.5*		"	*100*		*98.5*	*70-130*			
Matrix Spike Dup (CN06604-MSD1)		**Source: CNH0737-09**		Prepared & Analyzed: 08/25/04						
Benzene	116	5.0	µg/kg	100	ND	116	51-123	7.14	30	
Toluene	117	5.0	"	100	ND	117	61-123	6.17	30	
Ethylbenzene	118	5.0	"	100	ND	118	65-124	7.93	30	
Xylenes (total)	357	10	"	300	ND	119	66-125	7.26	30	
Surrogate: o-Chlorotoluene (BTEX)	*104*		"	*100*		*104*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06632 - EPA 5030 Soil GC										
Blank (CN06632-BLK1)				Prepared & Analyzed: 08/26/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*107*		"	*100*		*107*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*103*		"	*100*		*103*	*70-130*			
LCS (CN06632-BS1)				Prepared & Analyzed: 08/26/04						
Gasoline	2600	1000	µg/kg	2500		104	65-135			
Surrogate: o-Chlorotoluene (Gas)	*106*		"	*100*		*106*	*70-130*			
LCS Dup (CN06632-BSD1)				Prepared & Analyzed: 08/26/04						
Gasoline	2520	1000	µg/kg	2500		101	65-135	3.12	30	
Surrogate: o-Chlorotoluene (Gas)	*106*		"	*100*		*106*	*70-130*			
Matrix Spike (CN06632-MS1)		**Source: CNH0739-04**		Prepared & Analyzed: 08/26/04						
Gasoline	2520	1000	µg/kg	2500	ND	101	63-124			
Surrogate: o-Chlorotoluene (Gas)	*102*		"	*100*		*102*	*70-130*			
Matrix Spike Dup (CN06632-MSD1)		**Source: CNH0739-04**		Prepared & Analyzed: 08/26/04						
Gasoline	2520	1000	µg/kg	2500	ND	101	63-124	0.00	35	
Surrogate: o-Chlorotoluene (Gas)	*105*		"	*100*		*105*	*70-130*			

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06531 - EPA 3020A										
Blank (CN06531-BLK1)				Prepared & Analyzed: 08/24/04						
Lead	ND	5.0	µg/L							
LCS (CN06531-BS1)				Prepared & Analyzed: 08/24/04						
Lead	91.7	5.0	µg/L	100		91.7	80-120			
LCS Dup (CN06531-BSD1)				Prepared & Analyzed: 08/24/04						
Lead	96.6	5.0	µg/L	100		96.6	80-120	5.20	20	
Matrix Spike (CN06531-MS1)		Source: CNH0737-03		Prepared & Analyzed: 08/24/04						
Lead	84.3	5.0	µg/L	100	0.35	84.0	75-125			
Matrix Spike Dup (CN06531-MSD1)		Source: CNH0737-03		Prepared & Analyzed: 08/24/04						
Lead	85.2	5.0	µg/L	100	0.35	84.8	75-125	1.06	25	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06532 - EPA 3050B										
Blank (CN06532-BLK1)				Prepared & Analyzed: 08/24/04						
Lead	ND	2.5	mg/kg							
LCS (CN06532-BS1)				Prepared & Analyzed: 08/24/04						
Lead	24.1	2.5	mg/kg	25.0		96.4	75-125			
LCS Dup (CN06532-BSD1)				Prepared & Analyzed: 08/24/04						
Lead	23.8	2.5	mg/kg	25.0		95.2	75-125	1.25	25	
Matrix Spike (CN06532-MS1)		Source: CNH0737-01		Prepared & Analyzed: 08/24/04						
Lead	23.8	2.5	mg/kg	25.0	5.5	73.2	75-125			QM-05
Matrix Spike Dup (CN06532-MSD1)		Source: CNH0737-01		Prepared & Analyzed: 08/24/04						
Lead	23.5	2.5	mg/kg	25.0	5.5	72.0	75-125	1.27	30	QM-05
Batch CN06580 - EPA 3050B										
Blank (CN06580-BLK1)				Prepared: 08/25/04 Analyzed: 08/26/04						
Lead	ND	2.5	mg/kg							
LCS (CN06580-BS1)				Prepared: 08/25/04 Analyzed: 08/26/04						
Lead	23.3	2.5	mg/kg	25.0		93.2	75-125			
LCS Dup (CN06580-BSD1)				Prepared: 08/25/04 Analyzed: 08/26/04						
Lead	23.9	2.5	mg/kg	25.0		95.6	75-125	2.54	25	
Matrix Spike (CN06580-MS1)		Source: CNH0739-01		Prepared: 08/25/04 Analyzed: 08/26/04						
Lead	24.2	2.5	mg/kg	25.0	3.0	84.8	75-125			

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06580 - EPA 3050B										
Matrix Spike Dup (CN06580-MSD1)	**Source: CNH0739-01**			Prepared: 08/25/04	Analyzed: 08/26/04					
Lead	26.1	2.5	mg/kg	25.0	3.0	92.4	75-125	7.55	30	

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06555 - EPA 5030 Water MS										
Blank (CN06555-BLK1)				Prepared & Analyzed: 08/24/04						
Di-isopropyl ether	ND	0.50	µg/L							
Ethyl tert-butyl ether	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Tert-Amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	5.0	"							
Surrogate: Toluene-d8	*9.75*		"	*10.0*		*97.5*	*72-125*			
LCS (CN06555-BS1)				Prepared & Analyzed: 08/24/04						
Methyl tert-butyl ether	16.0	0.50	µg/L	20.0		80.0	52-130			
Surrogate: Toluene-d8	*9.98*		"	*10.0*		*99.8*	*72-125*			
LCS Dup (CN06555-BSD1)				Prepared & Analyzed: 08/24/04						
Methyl tert-butyl ether	16.8	0.50	µg/L	20.0		84.0	52-130	4.88	30	
Surrogate: Toluene-d8	*9.81*		"	*10.0*		*98.1*	*72-125*			
Batch CN06559 - EPA 5030 Soil MS										
Blank (CN06559-BLK1)				Prepared & Analyzed: 08/24/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
Tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Surrogate: Toluene-d8	*50.7*		"	*50.0*		*101*	*60-140*			
LCS (CN06559-BS1)				Prepared & Analyzed: 08/24/04						
Methyl tert-butyl ether	48.6	5.0	µg/kg	50.0		97.2	60-140			
Surrogate: Toluene-d8	*49.4*		"	*50.0*		*98.8*	*60-140*			

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06559 - EPA 5030 Soil MS										
LCS Dup (CN06559-BSD1)				Prepared & Analyzed: 08/24/04						
Methyl tert-butyl ether	51.1	5.0	µg/kg	50.0		102	60-140	5.02	30	
Surrogate: Toluene-d8	*50.0*		"	*50.0*		*100*	*60-140*			
Matrix Spike (CN06559-MS1)		**Source: CNH0739-01**		Prepared & Analyzed: 08/24/04						
Methyl tert-butyl ether	53.8	5.0	µg/kg	50.0		108	60-140			QM-07
Surrogate: Toluene-d8	*34.2*		"	*50.0*		*68.4*	*60-140*			
Matrix Spike Dup (CN06559-MSD1)		**Source: CNH0739-01**		Prepared & Analyzed: 08/24/04						
Methyl tert-butyl ether	61.7	5.0	µg/kg	50.0		123	60-140	13.7	30	QM-07
Surrogate: Toluene-d8	*33.2*		"	*50.0*		*66.4*	*60-140*			
Batch CN06610 - EPA 5030 Water MS										
Blank (CN06610-BLK1)				Prepared & Analyzed: 08/25/04						
Di-isopropyl ether	ND	0.50	µg/L							
Ethyl tert-butyl ether	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
tert-butyl alcohol	ND	5.0	"							
Surrogate: Toluene-d8	*9.53*		"	*10.0*		*95.3*	*72-125*			
LCS (CN06610-BS1)				Prepared & Analyzed: 08/25/04						
Methyl tert-butyl ether	16.3	0.50	µg/L	20.0		81.5	52-130			
Surrogate: Toluene-d8	*9.63*		"	*10.0*		*96.3*	*72-125*			
LCS Dup (CN06610-BSD1)				Prepared & Analyzed: 08/25/04						
Methyl tert-butyl ether	17.5	0.50	µg/L	20.0		87.5	52-130	7.10	30	
Surrogate: Toluene-d8	*9.80*		"	*10.0*		*98.0*	*72-125*			

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNH0737**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16250, 16251

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06617 - EPA 5030 Soil MS										
Blank (CN06617-BLK1)				Prepared & Analyzed: 08/25/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
tert-butyl alcohol	ND	50	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
Surrogate: Toluene-d8	*40.0*		"	*50.0*		*80.0*	*60-140*			
LCS (CN06617-BS1)				Prepared & Analyzed: 08/25/04						
Methyl tert-butyl ether	48.5	5.0	µg/kg	50.0		97.0	60-140			
Surrogate: Toluene-d8	*48.0*		"	*50.0*		*96.0*	*60-140*			
LCS Dup (CN06617-BSD1)				Prepared & Analyzed: 08/25/04						
Methyl tert-butyl ether	40.0	5.0	µg/kg	50.0		80.0	60-140	19.2	30	
Surrogate: Toluene-d8	*50.0*		"	*50.0*		*100*	*60-140*			
Matrix Spike (CN06617-MS1)		**Source: CNH0737-38**		Prepared & Analyzed: 08/25/04						
Methyl tert-butyl ether	36.2	5.0	µg/kg	50.0	ND	72.4	60-140			
Surrogate: Toluene-d8	*54.2*		"	*50.0*		*108*	*60-140*			
Matrix Spike Dup (CN06617-MSD1)		**Source: CNH0737-38**		Prepared & Analyzed: 08/25/04						
Methyl tert-butyl ether	30.5	5.0	µg/kg	50.0	ND	61.0	60-140	17.1	30	
Surrogate: Toluene-d8	*47.2*		"	*50.0*		*94.4*	*60-140*			

CALIFORNIA LABORATORY SERVICES

08/30/04 16:52

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNH0737** COC #: 16250, 16251

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
R-01	The Reporting Limits for this sample have been raised to account for matrix interference.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/ LCSD recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
GAS-1	Although sample contains compounds in the retention time range associated with gasoline, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on gasoline.
DSL-3	Although sample contains compounds in the retention time range associated with motor oil, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on motor oil.
DSL-1	Although sample contains compounds in the retention time range associated with diesel, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on diesel.
D-12	Results in the Gasoline Range are primarily due to overlap from a heavier fuel hydrocarbon product.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

KLEINFELDER

CN10270

PROJECT NO.	PROJECT NAME
47359-001	Machado Ranch

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)
45 days	15536

RECEIVING LAB:

CLS Attn: Scott F.

INSTRUCTIONS/REMARKS

24 Hr TAT

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: TPH-Extractable (8015 Mod.)	TPH-Purgeable (8015 Mod.)	BTEX	5 Oxygenates	1,2 DCA	Total Lead					
1	09/09/04	1416:00	SP3-(1-4)	soil	4	brass tube	X	X	X	X	X	X					
2	↓	1435:00	SP3-(5-8)	↓	↓	↓	X	X	X	X	X	X					
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
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18																	
19																	
20																	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	9/9/04 1603	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	9-9-04/1603	

Instructions/Remarks:

Rush 24 Hr TAT

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: E. Findley

M-60

White – Sampler

Canary – Return Copy To Shipper

Pink – Lab Copy

CHAIN OF CUSTODY

10

№ 15257 (ICE)

CALIFORNIA LABORATORY SERVICES

09/14/04 15:14

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNI0290**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Eric Findlay	COC #: 15257

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3- (1-4) (CNI0290-01) Soil	**Sampled: 09/09/04 14:16**	**Received: 09/09/04 16:03**							
Diesel	**1100**	20	mg/kg	20	CN06973	09/09/04	09/09/04	EPA 8015M	
Motor Oil	ND	1.0	"	1	"	"	"	"	
SP3- (5-8) (CNI0290-02) Soil	**Sampled: 09/09/04 14:35**	**Received: 09/09/04 16:03**							
Diesel	**1000**	20	mg/kg	20	CN06973	09/09/04	09/10/04	EPA 8015M	
Motor Oil	ND	1.0	"	1	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

09/14/04 15:14

Kleinfelder (Sacramento)	Project: Machado Ranch	CLS Work Order #: CNI0290
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Eric Findlay	COC #: 15257

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3- (1-4) (CNI0290-01) Soil Sampled: 09/09/04 14:16 Received: 09/09/04 16:03									
Gasoline	**85000**	50000	µg/kg	50	CN06997	09/10/04	09/10/04	8015GRO/8021B	D-12, GAS-I
Benzene	ND	250	"	"	"	"	"	"	
Toluene	ND	250	"	"	"	"	"	"	
Ethylbenzene	ND	250	"	"	"	"	"	"	
Xylenes (total)	**2000**	500	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*136 %*	*70-130*		"	"	"	"	*S-04*
SP3- (5-8) (CNI0290-02) Soil Sampled: 09/09/04 14:35 Received: 09/09/04 16:03									
Gasoline	**44000**	10000	µg/kg	10	CN06997	09/10/04	09/10/04	8015GRO/8021B	D-12, GAS-I
Benzene	ND	50	"	"	"	"	"	"	
Toluene	ND	50	"	"	"	"	"	"	
Ethylbenzene	**100**	50	"	"	"	"	"	"	
Xylenes (total)	**1000**	100	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*148 %*	*70-130*		"	"	"	"	*S-04*

CALIFORNIA LABORATORY SERVICES

09/14/04 15:14

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNI0290**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Eric Findlay	COC #: 15257

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3- (1-4) (CNI0290-01) Soil	**Sampled: 09/09/04 14:16**	**Received: 09/09/04 16:03**							
Lead	16	2.5	mg/kg	1	CN06993	09/10/04	09/10/04	EPA 6010B	
SP3- (5-8) (CNI0290-02) Soil	**Sampled: 09/09/04 14:35**	**Received: 09/09/04 16:03**							
Lead	26	2.5	mg/kg	1	CN06993	09/10/04	09/10/04	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

09/14/04 15:14

Kleinfelder (Sacramento)	Project: Machado Ranch	CLS Work Order #: CN10290
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Eric Findlay	COC #: 15257

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3- (1-4) (CN10290-01) Soil	**Sampled: 09/09/04 14:16**	**Received: 09/09/04 16:03**							
Di-isopropyl ether	ND	25	µg/kg	5	CN07011	09/10/04	09/10/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*73.8 %*	*60-140*		"	"	"	"	
SP3- (5-8) (CN10290-02) Soil	**Sampled: 09/09/04 14:35**	**Received: 09/09/04 16:03**							
Di-isopropyl ether	ND	25	µg/kg	5	CN07011	09/10/04	09/10/04	EPA 8260B	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*70.0 %*	*60-140*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

09/14/04 15:14

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNI0290**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Eric Findlay	COC #: 15257

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06973 - LUFT-DHS GCNV										
Blank (CN06973-BLK1)				Prepared: 09/09/04 Analyzed: 09/10/04						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
LCS (CN06973-BS1)				Prepared & Analyzed: 09/09/04						
Diesel	57.2	1.0	mg/kg	50.0		114	65-135			
LCS Dup (CN06973-BSD1)				Prepared & Analyzed: 09/09/04						
Diesel	46.0	1.0	mg/kg	50.0		92.0	65-135	21.7	30	
Matrix Spike (CN06973-MS1)	Source: CNI0290-01			Prepared & Analyzed: 09/09/04						
Diesel	997	1.0	mg/kg	50.0	1100	NR	59-138			QM-4X
Matrix Spike Dup (CN06973-MSD1)	*Source: CNI0290-01*			Prepared & Analyzed: 09/09/04						
Diesel	1200	1.0	mg/kg	50.0	1100	200	59-138	18.5	37	QM-4X

CALIFORNIA LABORATORY SERVICES

09/14/04 15:14

Kleinfelder (Sacramento)	Project: Machado Ranch	CLS Work Order #: CN10290
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Eric Findlay	COC #: 15257

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06997 - EPA 5030 Soil GC										
Blank (CN06997-BLK1)				Prepared & Analyzed: 09/10/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (Gas)	*109*		"	*100*		*109*	*70-130*			
LCS (CN06997-BS1)				Prepared & Analyzed: 09/10/04						
Gasoline	2720	1000	µg/kg	2500		109	65-135			
Surrogate: o-Chlorotoluene (Gas)	*114*		"	*100*		*114*	*70-130*			
LCS (CN06997-BS2)				Prepared & Analyzed: 09/10/04						
Benzene	97.6	5.0	µg/kg	100		97.6	69-120			
Toluene	99.2	5.0	"	100		99.2	74-120			
Ethylbenzene	99.2	5.0	"	100		99.2	76-121			
Xylenes (total)	302	10	"	300		101	81-121			
Surrogate: o-Chlorotoluene (BTEX)	*98.4*		"	*100*		*98.4*	*70-130*			
LCS Dup (CN06997-BSD1)				Prepared & Analyzed: 09/10/04						
Gasoline	2600	1000	µg/kg	2500		104	65-135	4.51	30	
Surrogate: o-Chlorotoluene (Gas)	*110*		"	*100*		*110*	*70-130*			
LCS Dup (CN06997-BSD2)				Prepared & Analyzed: 09/10/04						
Benzene	100	5.0	µg/kg	100		100	69-120	2.43	30	
Toluene	102	5.0	"	100		102	74-120	2.78	30	
Ethylbenzene	102	5.0	"	100		102	76-121	2.78	30	
Xylenes (total)	311	10	"	300		104	81-121	2.94	30	
Surrogate: o-Chlorotoluene (BTEX)	*95.9*		"	*100*		*95.9*	*70-130*			

CALIFORNIA LABORATORY SERVICES

09/14/04 15:14

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA. 95827	Project: Machado Ranch Project Number: 47359-001 Project Manager: Eric Findlay	**CLS Work Order #: CNI0290** COC #: 15257

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06997 - EPA 5030 Soil GC										
Matrix Spike (CN06997-MS1)	Source: CNI0368-03			Prepared & Analyzed: 09/10/04						
Benzene	97.8	5.0	µg/kg	100	5.8	92.0	51-123			
Toluene	112	5.0	"	100	ND	112	61-123			
Ethylbenzene	107	5.0	"	100	ND	107	65-124			
Xylenes (total)	332	10	"	300	17	105	66-125			
Surrogate: o-Chlorotoluene (BTEX)	*97.8*		"	*100*		*97.8*	*70-130*			
Matrix Spike Dup (CN06997-MSD1)	Source: CNI0368-03			Prepared & Analyzed: 09/10/04						
Benzene	102	5.0	µg/kg	100	5.8	96.2	51-123	4.20	30	
Toluene	117	5.0	"	100	ND	117	61-123	4.37	30	
Ethylbenzene	111	5.0	"	100	ND	111	65-124	3.67	30	
Xylenes (total)	344	10	"	300	17	109	66-125	3.55	30	
Surrogate: o-Chlorotoluene (BTEX)	*97.8*		"	*100*		*97.8*	*70-130*			

CALIFORNIA LABORATORY SERVICES

09/14/04 15:14

Kleinfelder (Sacramento)	Project: Machado Ranch	CLS Work Order #: CN10290
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA, 95827	Project Manager: Eric Findlay	COC #: 15257

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN06993 - EPA 3050B										
Blank (CN06993-BLK1)				Prepared & Analyzed: 09/10/04						
Lead	ND	2.5	mg/kg							
LCS (CN06993-BS1)				Prepared & Analyzed: 09/10/04						
Lead	23.3	2.5	mg/kg	25.0		93.2	75-125			
LCS Dup (CN06993-BSD1)				Prepared & Analyzed: 09/10/04						
Lead	23.5	2.5	mg/kg	25.0		94.0	75-125	0.855	25	
Matrix Spike (CN06993-MS1)	Source: CN10264-21			Prepared & Analyzed: 09/10/04						
Lead	24.7	2.5	mg/kg	25.0	3.4	85.2	75-125			
Matrix Spike Dup (CN06993-MSD1)	Source: CN10264-21			Prepared & Analyzed: 09/10/04						
Lead	24.8	2.5	mg/kg	25.0	3.4	85.6	75-125	0.404	30	

CALIFORNIA LABORATORY SERVICES

09/14/04 15:14

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNI0290**
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA. 95827	Project Manager: Eric Findlay	COC #: 15257

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN07011 - EPA 5030 Soil MS										
Blank (CN07011-BLK1)				Prepared & Analyzed: 09/10/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Surrogate: Toluene-d8	*45.2*		"	*50.0*		*90.4*	*60-140*			
LCS (CN07011-BS1)				Prepared & Analyzed: 09/10/04						
Methyl tert-butyl ether	43.1	5.0	µg/kg	50.0		86.2	60-140			
Surrogate: Toluene-d8	*56.4*		"	*50.0*		*113*	*60-140*			
LCS Dup (CN07011-BSD1)				Prepared & Analyzed: 09/10/04						
Methyl tert-butyl ether	43.8	5.0	µg/kg	50.0		87.6	60-140	1.61	30	
Surrogate: Toluene-d8	*40.4*		"	*50.0*		*80.8*	*60-140*			

CALIFORNIA LABORATORY SERVICES

09/14/04 15:14

Kleinfelder (Sacramento)	Project: Machado Ranch	CLS Work Order #: CN10290
3077 Fite Circle	Project Number: 47359-001	
Sacramento CA. 95827	Project Manager: Eric Findlay	COC #: 15257

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
GAS-1	Although sample contains compounds in the retention time range associated with gasoline. the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However. the reported concentration is based on gasoline.
D-12	Results in the Gasoline Range are primarily due to overlap from a heavier fuel hydrocarbon product.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

KLEINFELDER

PROJECT NO.	PROJECT NAME
47359-1	Machado Ranch

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)
95 gbmc	Steve Dalton / 4178

RECEIVING LAB: CLS Attn: Scott

INSTRUCTIONS/REMARKS

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CON-TAINERS	TYPE OF CON-TAINERS	ANALYSIS: TPH-Extractable (Diesel and Motor oil)	TPH-Purgeable (Gasoline)	BTEX	5 Oxygenates	1,2-DCA	Total Lead					
1	9-16-04	1350	T1-18	Soil	1	brass liner	X	X	X	X	X	X					
2			T2-18														
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
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16																	
17																	
18																	
19																	
20																	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	9-17-04 1615	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	9 17 04 1615	

Instructions/Remarks: Standard TAT

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Ron Hill + Steve Dalton

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

№ 16242

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: Machado Ranch
Project Number: 47359-1
Project Manager: Steve Dalton

CLS Work Order#: CNI0619
COC #: 16242

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T2-18 (CNI0619-01) Soil Sampled: 09/17/04 13:15 Received: 09/17/04 16:15									
Diesel	**2000**	50	mg/kg	50	CN07326	09/21/04	09/22/04	EPA 8015M	DSL-1
Motor Oil	ND	1.0	"	1	"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: Machado Ranch
Project Number: 47359-1
Project Manager: Steve Dalton

CLS Work Order#: CNI0619
COC #: 16242

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T2-18 (CNI0619-01) Soil Sampled: 09/17/04 13:15 Received: 09/17/04 16:15									
Gasoline	**2000000**	500000	µg/kg	500	CN07337	09/21/04	09/21/04	8015GRO/8021B	
Benzene	**18000**	2500	"	"	"	"	"	"	
Toluene	**110000**	2500	"	"	"	"	"	"	
Ethylbenzene	**50000**	2500	"	"	"	"	"	"	
Xylenes (total)	**240000**	5000	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*118 %*	*70-130*		"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: Machado Ranch
Project Number: 47359-1
Project Manager: Steve Dalton

CLS Work Order#: CNI0619
COC #: 16242

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T2-18 (CNI0619-01) Soil Sampled: 09/17/04 13:15 Received: 09/17/04 16:15									
Lead	7.5	2.5	mg/kg	1	CN07303	09/21/04	09/22/04	EPA 6010B	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: Machado Ranch Project Number: 47359-1 Project Manager: Steve Dalton	**CLS Work Order#: CNI0619** COC #: 16242

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
T2-18 (CNI0619-01) Soil Sampled: 09/17/04 13:15 Received: 09/17/04 16:15									
Di-isopropyl ether	ND	2500	µg/kg	500	CN07376	09/22/04	09/23/04	EPA 8260B	
Ethyl tert-butyl ether	ND	2500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2500	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	2500	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25000	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.2 %*		*60-140*	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: Machado Ranch Project Number: 47359-1 Project Manager: Steve Dalton	**CLS Work Order#: CNI0619** COC #: 16242

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN07326 - LUFT-DHS GCNV										
Blank (CN07326-BLK1)				Prepared: 09/21/04 Analyzed: 09/22/04						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
Hydraulic Oil	ND	1.0	"							
Mineral Oil	ND	1.0	"							
JP-5/JP-8	ND	1.0	"							
LCS (CN07326-BS1)				Prepared: 09/21/04 Analyzed: 09/22/04						
Diesel	49.1	1.0	mg/kg	50.0		98.2	65-135			
LCS Dup (CN07326-BSD1)				Prepared: 09/21/04 Analyzed: 09/22/04						
Diesel	48.1	1.0	mg/kg	50.0		96.2	65-135	2.06	30	
Matrix Spike (CN07326-MS1)		Source: CNI0565-04		Prepared: 09/21/04 Analyzed: 09/22/04						
Diesel	51.7	1.0	mg/kg	50.0	ND	103	59-138			
Matrix Spike Dup (CN07326-MSD1)		Source: CNI0565-04		Prepared: 09/21/04 Analyzed: 09/22/04						
Diesel	50.1	1.0	mg/kg	50.0	ND	100	59-138	3.14	37	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: Machado Ranch
Project Number: 47359-1
Project Manager: Steve Dalton

CLS Work Order#: CNI0619
COC #: 16242

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN07337 - EPA 5030 Soil GC										
Blank (CN07337-BLK1)				Prepared & Analyzed: 09/21/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*104*		"	*100*		*104*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*101*		"	*100*		*101*	*70-130*			
LCS (CN07337-BS1)				Prepared & Analyzed: 09/21/04						
Gasoline	2360	1000	µg/kg	2500		94.4	65-135			
Surrogate: o-Chlorotoluene (Gas)	*102*		"	*100*		*102*	*70-130*			
LCS Dup (CN07337-BSD1)				Prepared & Analyzed: 09/21/04						
Gasoline	2570	1000	µg/kg	2500		103	65-135	8.52	30	
Surrogate: o-Chlorotoluene (Gas)	*111*		"	*100*		*111*	*70-130*			
Matrix Spike (CN07337-MS1)		Source: CNI0682-04		Prepared & Analyzed: 09/21/04						
Gasoline	2480	1000	µg/kg	2500	ND	99.2	63-124			
Surrogate: o-Chlorotoluene (Gas)	*102*		"	*100*		*102*	*70-130*			
Matrix Spike Dup (CN07337-MSD1)		Source: CNI0682-04		Prepared & Analyzed: 09/21/04						
Gasoline	2410	1000	µg/kg	2500	ND	96.4	63-124	2.86	35	
Surrogate: o-Chlorotoluene (Gas)	*122*		"	*100*		*122*	*70-130*			

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: Machado Ranch Project Number: 47359-1 Project Manager: Steve Dalton	**CLS Work Order#: CNI0619** COC #: 16242

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN07303 - EPA 3050B										
Blank (CN07303-BLK1)				Prepared: 09/21/04 Analyzed: 09/22/04						
Lead	ND	2.5	mg/kg							
LCS (CN07303-BS1)				Prepared: 09/21/04 Analyzed: 09/22/04						
Lead	25.3	2.5	mg/kg	25.0		101	75-125			
LCS Dup (CN07303-BSD1)				Prepared: 09/21/04 Analyzed: 09/22/04						
Lead	24.0	2.5	mg/kg	25.0		96.0	75-125	5.27	25	
Matrix Spike (CN07303-MS1)		Source: CNI0529-01		Prepared: 09/21/04 Analyzed: 09/22/04						
Lead	98.9	2.5	mg/kg	25.0	84	59.6	75-125			QM-05
Matrix Spike Dup (CN07303-MSD1)		Source: CNI0529-01		Prepared: 09/21/04 Analyzed: 09/22/04						
Lead	102	2.5	mg/kg	25.0	84	72.0	75-125	3.09	30	QM-05

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: Machado Ranch
Project Number: 47359-1
Project Manager: Steve Dalton

CLS Work Order#: CNI0619
COC #: 16242

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN07376 - EPA 5030 Soil MS										
Blank (CN07376-BLK1)				Prepared & Analyzed: 09/22/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Surrogate: Toluene-d8	*48.1*		"	*50.0*		*96.2*	*60-140*			
LCS (CN07376-BS1)				Prepared & Analyzed: 09/22/04						
Methyl tert-butyl ether	40.9	5.0	µg/kg	50.0		81.8	60-140			
Surrogate: Toluene-d8	*46.0*		"	*50.0*		*92.0*	*60-140*			
LCS Dup (CN07376-BSD1)				Prepared & Analyzed: 09/22/04						
Methyl tert-butyl ether	40.2	5.0	µg/kg	50.0		80.4	60-140	1.73	30	
Surrogate: Toluene-d8	*45.9*		"	*50.0*		*91.8*	*60-140*			
Matrix Spike (CN07376-MS1)		**Source: CNI0681-01**		Prepared & Analyzed: 09/22/04						
Methyl tert-butyl ether	36.8	5.0	µg/kg	50.0	ND	73.6	60-140			
Surrogate: Toluene-d8	*41.8*		"	*50.0*		*83.6*	*60-140*			
Matrix Spike Dup (CN07376-MSD1)		**Source: CNI0681-01**		Prepared & Analyzed: 09/22/04						
Methyl tert-butyl ether	30.5	5.0	µg/kg	50.0	ND	61.0	60-140	18.7	30	
Surrogate: Toluene-d8	*52.9*		"	*50.0*		*106*	*60-140*			

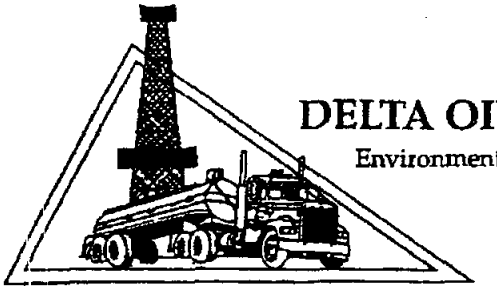
Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: Machado Ranch
Project Number: 47359-1
Project Manager: Steve Dalton

CLS Work Order#: CNI0619
COC #: 16242

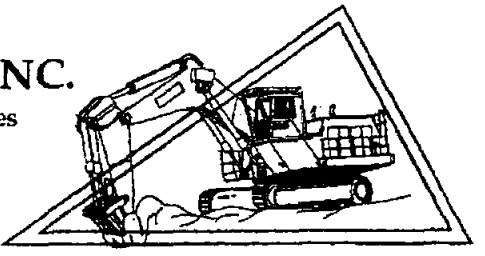
Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DSL-1	Although sample contains compounds in the retention time range associated with diesel, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on diesel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference



DELTA OILFIELD SERVICES, INC.

Environmental, Trucking and Demolition Services



LETTER OF TRANSMITTAL

DATE:	10/12/04	JOB NO.	Airport Road Project
TO:	Kleinfielder, Inc.	ATTENTION:	Steve Dalton
	3077 Fite Circle	CC:	
	Sacramento, CA 95827		
FAX:			

WE ARE SENDING YOU:

[x] Attached [ ] Under separate cover via:

[ ] Shop drawings [ ] Prints [ ] Plans [ ] Samples

[ ] Specifications [ ] Copy of Letter [ ] Change Order [ ] Submittals

[ ] Other:

COPIES	DATE	NO.	DESCRIPTION
1			Copies of manifests and weight tickets for soil disposal

THESE ARE TRANSMITTED AS CHECKED BELOW:

[ ] For approval [ ] Approved as Submitted [ ] Resubmit ____ copies for approval

[x] For your use [ ] Approved as noted [ ] Submit ___ copies for distribution

[ ] As requested [ ] Returned for corrections [ ] Returned ___ corrected prints

[ ] For review and comment [ ] Prints returned after loan to us

[ ] For bids due [ ] Other:

REMARKS

106 loads

Beverly Sandoval

SIGNED: Beverly Sandoval

P.O. BOX 1675 • WOODLAND, CALIFORNIA • 95776-1675

PHONE: (530) 662-2841 • FAX: (530) 662-1375 • E-MAIL: DeltaOfld@aol.com

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * Bob Wheatcroft — DATE: 9/21/01

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in *accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by* 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

Non Haz Waste Solid Soil

GENERATING FACILITY

Site Address: 3600 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Ostrom Landfill

5900 Ostrom Landfill

Wheatland, Ca 95692

530-743-6321

TRANSPORTER: ~~Shoemore Trucking~~ Delta

ADDRESS: 18 Hiller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER — DATE: *

NOTES: VEHICLE LICENSE NUMBER: 9B46568 — TRUCK NUMBER: 32

Delta 01 Load 5 of 5

END DUMP ☑ BOTTOM DUMP ☐ TRANSFER ☐

ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT — DATE: * [signature] 9/21/01

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294945

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Reazer Homes

MAILING ADDRESS: 3721 Douglas Blvd

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] DATE: 9/7/03

WASTE ACCEPTANCE NO.

— 3423

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER
☐ SPECIAL WASTE Non Haz Waste Solid Soil

GENERATING FACILITY

Site Address: 3600 Airport Rd., Sacramento

RECEIVING FACILITY

~~Ostrom Landfill~~

5900 Ostrom Landfill

~~Wheatland, Ca 95692~~

530-743-6321

TRANSPORTER: ~~Sisemore Trucking~~ DRIA Oil Field Services

ADDRESS: ~~18 Heller Ct.~~

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: ~~530-662-2841~~

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] DATE: 9-21-04

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9C19737	34

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] DATE: 9-21-04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☑ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294946

51413

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51932

Decal 9C19787
Customer DELTA OILFIELD
Account 0049304

Date 09/22/04
Time In 08:03
Time Out 08:24
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	75500	37.75	1
Tare	39060	19.53	1
Net	36440	18.22	
Total Fee		$210.64	

J#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51416

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51933

Decal 9046868
Customer DELTA OILFIELD
Account 0049304

Date 09/22/04
Time In 08:02
Time Out 08:42
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	69140	34.57	1
Tare	37860	18.93	1
Net	31280	15.64	
Total Fee		$187.68	

J#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-346-1701)

#3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Slesmor Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	PT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous-Waste Solid-Soil Acceptance # 3428

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Wendell Sullivan		10	9	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		10	14	04

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #2

(6)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address

Beazer Homes
3721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Slocum Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil			10T	1.5 Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Oroville, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Wendell Sellers agent for owner		10	14	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

1

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address: Beazer Homes, 3721 Douglas Blvd, Roseville, CA 95661 — # 3428

4. Generator's Phone (916-366-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sisemor Trucking	N/A	530-406-8622

7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill, 5900 Ostrom Rd, Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

GENERATOR

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name	Signature	Month	Day	Year
Ludvik Svimar agent for owner		6	9	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		7	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

8

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address

Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Slaemer Trucking	N/A	530-406-8622
Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	14	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento CA

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name	Signature	Month	Day	Year
Lisa Gill Project Engineering Consultant		09	14	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steve Cardenas		09	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		09	14	04

GENERATOR → TRANSPORTER → FACILITY

TRANSPORTER #1

(4)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address: Beazer Homes, 3721 Douglas Blvd, Roseville, CA 95661 — # 3428

4. Generator's Phone (916-366-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sisemor Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill, 5900 Ostrom Rd, Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 663-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address: 3600 Airport Road Stevenson, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Donald Sevone agent for Beaz		09	14	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steve Cardenas		9	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		9	14	04

GENERATOR / TRANSPORTER / FACILITY

TRANSPORTER #1

RECEIVED SEP 1 5 2004

7

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address

Beazer Homes
3721 Douglas Blvd.
Roseville, CA 95661

3428

4. Generator's Phone (916-346-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Slemmer Trucking	N/A	530-406-9622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5990 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	1	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
	3

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address: 5990 Ostrom Road Wheatland, CA

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Mitchell Sievers agent for owner		09	14	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		9	15	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		9	15	04

TRANSPORTER # 1

RECEIVED SEP 15 2004

3

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3423

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sisemor Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5500 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	10	T	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3423

Site Address: 3660 Airport Road Wheatland, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Wendell Stevens agent for owner		09	14	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Brian Mapes				

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR TRANSPORTER FACILITY

TRANSPORTER #1

10

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address

Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-346-1701)

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sherman Trucking	N/A	530-306-8677
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	19	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
	N/A

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address: 5900 Ostrom Road Wheatland, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Linda M. Collins Agent for		5	14	08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steve				

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

9

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

#3428

4. Generator's Phone (916-366-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sizemor Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	10. US EPA ID Number N/A	C. Facility's Phone 530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	14	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Wendell Sawyer agent for owner		09	14	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Norman Bain		09	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR TRANSPORTER FACILITY

(5)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd.
Roseville, CA 95661
#3428

4. Generator's Phone (916-306-1701)

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sizemore Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	8. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	0.0	D.T	15	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Suite 100, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Wendell Sellers agent for owner		09	14	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		09	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		09	14	04

GENERATOR | TRANSPORTER | FACILITY

2

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name: Jim Sisemore Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 530-406-8622

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Ostrom Landfill
5900 Ostrom Rd.
Wheatland, CA 95692
10. US EPA ID Number: N/A
C. Facility's Phone: 530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Wendell Covert for Owner		9	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
S.C. Reed		9	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]		9	14	04

TRANSPORTER #1

50923

WEIGHTMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51441

Decal 09418
Customer DELTA OILFIELD
Account 0049304

Date 09/14/04
Time In 13:17
Time Out 13:37
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	75840	37.92	1
Tare	34100	17.05	1
Net	41740	20.87	
Total Fee		$250.44	

TH3420

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER

50894

WEIGHTMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51412

Decal 09418
Customer DELTA OILFIELD
Account 0049304

Date 09/14/04
Time In 09:16
Time Out 09:43
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	69600	34.80	1
Tare	33840	16.92	1
Net	35760	17.88	
Total Fee		$214.56	

TH3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER

50888

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51406

Decal 9B46903
Customer DELTA OILFIELD
Account 0049304

Date 09/14/04
Time In 08:50
Time Out 09:20
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	62880	31.44	1
Tare	31560	15.78	1
Net	31320	15.66	
Total Fee		$187.92	

J#3420

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 12

50907

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51425

Decal 9B46903
Customer DELTA OILFIELD
Account 0049304

Date 09/14/04
Time In 11:41
Time Out 11:57
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	68040	34.02	1
Tare	31740	15.87	1
Net	36300	18.15	
Total Fee		$217.80	

J#3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 15

50889

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51407

Decal 9B18341
Customer DELTA OILFIELD
Account 0049304

Date 09/14/04
Time In 09:01
Time Out 09:23
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	62260	31.13	1
Tare	30260	15.13	1
Net	32000	16.00	
Total Fee		$192.00	

J#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER 01

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

50908

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51426

Decal 9B18341
Customer DELTA OILFIELD
Account 0049304

Date 09/14/04
Time In 11:51
Time Out 12:06
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	69620	34.81	1
Tare	30320	15.16	1
Net	39300	19.65	
Total Fee		$235.00	

J#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER 06

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

50927

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51445

Decal 9846903
Customer DELTA OILFIELD
Account 0049304

Date 09/14/04
Time In 14:15
Time Out 14:26
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	67980	33.99	1
Tare	32240	16.12	1
Net	35740	17.87	
Total Fee		$214.44	

J#3420

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 10

50921

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51439

Decal 9018400
Customer DELTA OILFIELD
Account 0049304

Date 09/14/04
Time In 13:08
Time Out 13:31
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	78220	39.11	1
Tare	33020	16.51	1
Net	45200	22.60	
Total Fee		$271.20	

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 9

50929

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51447
Date 09/14/04
Time In 14:23
Time Out 14:38
Operator ARS/ARS

Decal 9018341
Customer DELTA OILFIELD
Account 0049304

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load 100
Origin(s) 200 - Sacramento, City of

	Lbs	Tons	Scale
Gross	75320	37.66	1
Tare	30080	15.04	1
Net	45240	22.62	
Total Fee		$271.44	

J#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER 11

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

50918

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51436
Date 09/14/04
Time In 12:46
Time Out 13:12
Operator ARS/ARS

Decal 9A79437
Customer DELTA OILFIELD
Account 0049304

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load 100
Origin(s) 200 - Sacramento, City of

	Lbs	Tons	Scale
Gross	65240	32.62	1
Tare	30660	15.33	1
Net	34580	17.29	
Total Fee		$207.48	

J#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER MP

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

50897

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51415

Decal 9A79437
Customer DELTA OILFIELD
Account 0049304

Date 09/14/04
Time In 09:40
Time Out 10:07
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	63480	31.74	1
Tare	30720	15.36	1
Net	32760	16.38	
Total Fee		$196.56	

TH3420

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beaver Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-306-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Skinner Trucking	N/A	530-406-3622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Dusty Tinsley @ (530) 662-1841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3400 Airport Road Compton, Ca

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	10	10	16

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	10	10	16

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	10	10	16

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

26

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address: Beazer Homes, 3721 Douglas Blvd, Roseville, CA 95661 — # 3428

4. Generator's Phone ( ): 916-366-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jeff Stanton Trucking	N/A	530-906-8622

7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill, 5900 Ostrom Rd, Wheatland, CA 95692	N/A	530-740-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name	Signature	Month	Day	Year
Kendall Squires agent for owner		09	15	24

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Randy Barnes		09	15	24

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR — TRANSPORTER — FACILITY

TRANSPORTER # 1

17 REC MS

23

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beaver Homes
7721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-797-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sherman Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-740-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY PLEASE CONTACT Donny Tinsley @ (530) 682-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Oroville, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Ruth Clapper Corporate		09	15	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Sherman		9	15	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR — TRANSPORTER — FACILITY

TRANSPORTER # 1

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
1721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-366-1701

#3423

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Bar Bizzer Trucking	N/A	530-101-3622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley @ (530) 662-2341

Non Hazardous Waste Solid-Soil Acceptance # 3423

Site Address: 3400 Airport Road Beaverville, CA

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name	Signature	Month	Day	Year
Bobbi Cordova		10	1	12

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

12-B-C-M5

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Denise Bonin
3721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-365-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shearer Trucking	N/A	530-406-3622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	CT	00045	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Doug Finley at (530) 682-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
		09	15	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		09	15	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		09	15	06

GENERATOR — TRANSPORTER — FACILITY

TRANSPORTER # 1

Please print or type in the unshaded areas (Elite type)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Bazzer Stores
3721 Douglas Blvd
Roseville, CA 95661
3423

4. Generator's Phone (916-786-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sleeper Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-749-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Bailey @ (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3423

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	10	10	15

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	10	10	15

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

EPA Form 8700-22 (Rev. 3-05)

(17)

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address

Beaver Homes
3721 Douglas Blvd.
Roseville, CA 95661

3428

4. Generator's Phone (916-365-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Skinner Trucking	N/A	530-426-9622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5996 Ostrom Rd. Wheatland, CA 95692	N/A	530-741-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	15	T
b.				
c.				
d.				

GENERATOR

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY PLEASE CONTACT Denny Tinsley at (530) 681-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 5996 Ostrom Road Wheatland, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Randall Oliver Contract Driver		08	16	05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER # 1

12-5 LC M5

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address

Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Tim Diesmor Trucking	N/A	530-406-2622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	MA	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	12	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (209) 662-1841

Non Hazardous Waste Solid-Soil Acceptance # 3428

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name	Signature	Month	Day	Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR TRANSPORTER FACILITY

12-81-C-M5

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address

Beazer Homes
3721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-746-1791

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Big Sisson Trucking	N/A	530-662-2841
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5500 Ostrom Rd. Wheatland, CA 95692	NA	530-740-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	1	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lindell Shaw agent for		10	14	05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR — TRANSPORTER — FACILITY

Please print or type
Form designed for use on elite (12-pitch) typewriter.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Reese Homes
3121 Douglas Blvd
Roseville, CA 95661
3428

4. Generator's Phone (916-306-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sinnor Trucking	N/A	530-406-3622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-740-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	00.07		15Y	
b.				
c.				
d.				

GENERATOR

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. GENERATOR'S CERTIFICATION: *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name	Signature	Month	Day	Year
		8		

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		8	15	

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

2/

Print or Type (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sisemor Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 9900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-4321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	0.04	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 443-2841

Non Hazardous Waste Solid-Soil Assignment # 3428

Site Address 2600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	10	10	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR TRANSPORTER FACILITY

PLEASE PRINT OR TYPE IN INK

TRANSPORTER # 1

12-81 CM5

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beacon Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-365-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Ken Sisemore Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	BT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 662-2941

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address: 1601 Airport Road Stevenson, CA

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	08	15	16

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	08	15	16

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	08	15	16

GENERATOR → TRANSPORTER → FACILITY

12-DEC M5

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address

Bruce Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-306-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shearer Trucking	N/A	530-406-8627
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	4.5	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 682-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address: 2600 Airport Road Commerce, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	10	09

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	10	09

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	10	09

GENERATOR

TRANSPORTER

FACILITY

12-BLC-M5

(1)

Non-hazardous waste only (e.g., non-regulated oil-field exploration and production waste, uncontaminated soil, rock, concrete, dredge spoil, drilling fluids, produced water)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address: Besser Homes, 3721 Douglas Blvd, Roseville, CA 95661 — # 3425

4. Generator's Phone: 916-365-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Stramer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

TRANSPORTER

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill, 5900 Ostrom Rd, Wheatland, CA 95692	N/A	530-743-6321

FACILITY

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	PT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3425

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	03	10	23

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jose Orozco	[signature]	3	10	23

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 12-05) Previous editions are obsolete.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Pearce Homes
3721 Douglas Blvd
Roseville, CA 95661
#3428

4. Generator's Phone (916-366-1791

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Skinner Trucking	N/A	530-406-3622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 3900 Ostrom Rd Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	BT	15	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		9	15	04

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER # 1

12-BLC-M5

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address

Beaver Homes
5721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-306-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sisemore Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	N/A	530-743-4321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	01	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Bailey at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3620 Airport Road Stevenson, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Donald Oliver Construction Manager		07	15	09

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		7	15	09

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER #1

24

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Bonner Homes
3701 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sinemor Trucking	N/A	530-406-8623
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Carson Landfill 5906 Carson Rd. Placerville, CA 95667	N/A	530-742-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	20	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY PLEASE CONTACT Danny Tinsley at (530) 962-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 7600 Airport Road Diamond Springs CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Ronald Bonner Agent for owner		09	15	08

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER #1

REC M5

(20)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beaver Homes
3721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-306-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Gleason Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	20	T		
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley @ (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 5900 Ostrom Road Wheatland, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

TRANSPORTER #1

10

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Skinner Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid-Soil	001	DT	10	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 5900 Airport Road Stonemeadow CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Mitchell Spencer agent for owner		6	9	06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		6	15	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		6	15	06

TRANSPORTER #1

DTSC-MS

(12)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-746-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sweeney Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 1900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	20	DT	1.0	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3640 Airport Road Oroville, Ca

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
		06	10	14

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

12-BCC-M5

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-306-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Bissmer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	1	DT	25	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	15	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	15	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	15	04

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

13

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Sierra Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-306-1701

3423

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shearer Trucking	N/A	530-406-3622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	004	DT	4.5	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3423

Ship Address 5900 Ostrom Road Wheatland, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	14	20

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	14	20

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	14	20

GENERATOR TRANSPORTER FACILITY

TRANSPORTER #1

(19)

Please print or type
Form designed for use on elite (12-pitch) typewriter

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Desert Bores
3721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-306-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jon Skinner Trucking	N/A	530-495-9622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	001	DT	10	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tasker at (530) 662-2341

Non Hazardous Waste Solid-Soil Acceptance # 3428

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Donny Tasker for Desert Bores		07	15	24

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

NCS 12-BLC-M5

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Omark Chemical
3721 Douglas Blvd.
Roseville, CA 95661
916-366-1701
4. Generator's Phone ( )

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Omark Chemical	N/A	916-786-2822
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 3540 Ostrom Rd. Wheatland, CA 95692	NA	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley @ (916) 661-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Ostrom, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Kenneth Simms agent for Omark		07	15	07

GENERATOR

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

Form Approved. OMB No. 2050-0039 Expires 9-30-88

TRANSPORTER # 1

12 BLC M5

(13)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-346-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sisemor Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

City Address 5900 Airport Road Stockton, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Randall Coleman agent for Beazer		09	15	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
S. Olea		09	15	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

(3)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address

Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

#3423

4. Generator's Phone (916-746-1701)

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sisemore Trucking	N/A	530-406-8627
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 6900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 682-2841

Non Hazardous Waste Solid-Soil Acceptance # 3423

Ship to Ostrom 6900 Ostrom Road Wheatland, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Mitchell Ostrom - Agent for Beazer		08	15	08

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		08	15	08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER #1

12-BEC-M5

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Raven Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-306-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shearer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 3000 Ostrom Rd. Wheatland, CA 95692	N/A	530-740-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	2	CY	10	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tanley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	15	24

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HAROLD [illegible]	[signature]	9	15	24

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address

Beazer Homes
7021 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-746-1700)

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shaffer Trucking	N/A	530-885-3662
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6721

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil				
b.	1	DT	15	T
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Donald Gregg Senior Engineer		09	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER # 1

M5

51017

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51535
Date 09/15/04
Time In 14:38
Time Out 15:01
Operator ARS/ARS

Decal 9814800
Customer DELTA OILFIELD
Account 0049304

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	72440	36.22	1
Tare	32960	16.48	1
Net	39480	19.74	
Total Fee		$236.88	

J#3424

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

50972

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51430
Date 09/15/04
Time In 09:24
Time Out 09:47
Operator ARS/ARS

Decal 9858411
Customer DELTA OILFIELD
Account 0049304

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	72800	36.40	1
Tare	33500	16.75	1
Net	39300	19.65	
Total Fee		$235.80	

J#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

50961

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51479
Date 09/15/04
Time In 08:41
Time Out 09:04
Operator ARS/ARS

Decal 9893895
Customer DELTA OILFIELD
Account 0049304

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	70980	35.49	1
Tare	32920	16.46	1
Net	38060	19.03	
Total Fee		$228.36	

T#3428 Harold Thompson
DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 13

50989

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51507
Date 09/15/04
Time In 11:26
Time Out 11:40
Operator ARS/ARS

Decal 9893895
Customer DELTA OILFIELD
Account 0049304

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	78020	39.01	1
Tare	32880	16.44	1
Net	45140	22.57	
Total Fee		$270.84	

T#3429 Harold Thompson
DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 1

51018

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51536

Decal 9B93895
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 14:48
Time Out 15:04
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	71780	35.89	1
Tare	33160	16.58	1
Net	38620	19.31	
Total Fee		$231.72	

J#3425 Harold Thompson

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 23

50981

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51499

Decal 9A79437
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 10:31
Time Out 10:56
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	70020	35.01	1
Tare	30720	15.36	1
Net	39300	19.65	
Total Fee		$235.80	

J#3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 8

51027

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51545
Date 09/15/04
Time In 15:26
Time Out 15:48
Operator ARS/ARS

ecal 9879437
ustomer DELTA OILFIELD
ccount 0049304

ransaction 40 - Special Waste - Manifest
laterial 1422 - Soil - Cont C Rate
estination 10 - Ostrom Road Sanita
ayment By 1 - Charge % of Load
rigin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	72040	36.02	1
Tare	31700	15.85	1
Net	40340	20.17	
Total Fee		$242.04	

#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER S

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

50998

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51516
Date 09/15/04
Time In 12:08
Time Out 12:34
Operator WFM/ARS

Decal 9852744
Customer DELTA OILFIELD
Account 0049304

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	69040	34.52	1
Tare	32340	16.17	1
Net	36700	18.35	
Total Fee		$220.20	

#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER S

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

50971

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9852744
Customer DELTA OILFIELD
Account 0049304

Transaction # 51489
Date 09/15/04
Time In 09:12
Time Out 09:41
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	69400	34.70	1
Tare	32440	16.22	1
Net	36960	18.48	
Total Fee		$221.75	

JR3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER S

51000

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9858411
Customer DELTA OILFIELD
Account 0049304

Transaction # 51518
Date 09/15/04
Time In 12:25
Time Out 12:44
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	71460	35.73	1
Tare	33660	16.83	1
Net	37800	18.90	
Total Fee		$226.80	

JR3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER C

51026

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51544

Decal 9858411
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 15:12
Time Out 15:38
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	62700	24.35	1
Tare	31940	15.97	1
Net	30760	18.38	
Total Fee		$220.56	

RM3459

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 25

50983

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51501

Decal 9818341
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 11:00
Time Out 11:20
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	75380	37.69	1
Tare	30580	15.29	1
Net	44800	22.40	
Total Fee		$268.80	

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 0

50942

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51460

Decal 9818341
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 05:06
Time Out 06:24
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	73540	36.77	1
Tare	30480	15.24	1
Net	43060	21.53	
Total Fee		$258.36	

J#3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 2

50960

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51478

Decal 9803062
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 08:39
Time Out 09:02
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	79900	39.95	1
Tare	32780	16.39	1
Net	47120	23.56	
Total Fee		$282.72	

J#3420

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 1

50988

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51506

Decal 9B83062
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 11:18
Time Out 11:37
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

	Lbs	Tons	Scale
Gross	79420	39.71	1
Tare	32720	16.36	1
Net	46700	23.35	
Total Fee		$280.20	

% of Load 100

J#3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 2

50994

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51512

Decal 9D32776
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 11:52
Time Out 12:11
Operator WFH/WFH

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

	Lbs	Tons	Scale
Gross	73940	36.97	1
Tare	32940	16.47	1
Net	41000	20.50	
Total Fee		$246.00	

% of Load 100

J# 3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 4

50970

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51488

Decal 9D32776
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 09:10
Time Out 09:38
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	74580	37.29	1
Tare	33140	16.57	1
Net	41440	20.72	
Total Fee		$248.64	

D#3428 [signature]
DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

[signature]
DEPUTY WEIGHMASTER 14

50977

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51495

Decal 9A67748
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 09:55
Time Out 10:27
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	74160	37.08	1
Tare	39240	19.62	1
Net	34920	17.46	
Total Fee		$209.52	

D#3448 [signature]
DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

[signature]
DEPUTY WEIGHMASTER 17

51024

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51542

Decal 9B52744
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 15:10
Time Out 15:32
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	66040	33.02	1
Tare	32260	16.13	1
Net	33780	16.89	
Total Fee		$202.68	

TH3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 5

51010

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51528

Decal 9B18341
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 14:09
Time Out 14:26
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	71400	35.70	1
Tare	30800	15.40	1
Net	40600	20.30	
Total Fee		$243.60	

TH3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 10

51008

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51526

Decal 9883062
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 13:53
Time Out 14:06
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

	Lbs	Tons	Scale
Gross	79620	39.81	1
Tare	32640	16.32	1
Net	46980	23.49	
Total Fee		$281.88	

% of Load 100

TM3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 9

50949

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51467

Decal 9879437
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 07:38
Time Out 08:12
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

	Lbs	Tons	Scale
Gross	69520	34.76	1
Tare	30720	15.36	1
Net	38800	19.40	
Total Fee		$232.80	

% of Load 100

TM3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 13

51005

WEIGHTMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51523

Decal 9A67748
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 12:50
Time Out 13:26
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	75080	37.54	1
Tare	38400	19.20	1
Net	36680	18.34	
Total Fee		$220.00	

JH3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHTMASTER 7

51011

WEIGHTMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51525

Decal 9D46903
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 14:15
Time Out 14:29
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	69600	34.80	1
Tare	32620	16.31	1
Net	36980	18.49	
Total Fee		$221.88	

JH3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHTMASTER 1

50959

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51477

Decal 9B46903
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 08:38
Time Out 08:59
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	66460	33.23	1
Tare	31600	15.80	1
Net	34860	17.43	
Total Fee		$209.16	

T#3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER

50990

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51508

Decal 9B46903
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 11:36
Time Out 11:47
Operator ARS/WFH

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	68780	34.39	1
Tare	32720	16.36	1
Net	36060	10.03	
Total Fee		$216.36	

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 3

50982

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 515202

Decal 9B18400
Customer DELTA OILFIELD
Account 0049304

Date 09/15/04
Time In 10:41
Time Out 11:09
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	76880	38.44	MAN WT
Tare	33140	16.57	1
Net	43740	21.87	
Total Fee		$262.44	

J#342A

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER

50950

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 514653

Decal 9B18400
Customer DELTA OILFIELD
Account 0043304

Date 09/15/04
Time In 07:49
Time Out 08:23
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	75400	37.70	1
Tare	35580	17.79	1
Net	39620	19.91	
Total Fee		$230.92	

J#342B

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER

51019

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51537

Decal 0032776
Customer DELTA OILFIELD
Account 0045304

Date 09/15/04
Time In 14:58
Time Out 15:15
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont'd
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

Rate 100

	Lbs	Tons	Scale
Gross	72180	36.09	1
Tare	32820	16.41	1
Net	39360	19.68	
Total Fee		$236.16	

JH3420

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER: 4

16

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Beazer Homes
3211 Douglas Blvd
Roseville, CA 95661
#3428

4. Generator's Phone (916-366-1701)

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JBI Steamer Trucking	N/A	530-406-8822
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	10. US EPA ID Number N/A	C. Facility's Phone 530-742-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	0016	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
John Wachanno agent for Beazer		9	16	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		9	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER #1

(27)

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Burton Homes
3731 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-365-1701

3423

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sisemor Trucking	N/A	530-406-8632
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Ostrom Landfill 3900 Ostrom Rd. Wheatland, CA 95692	10. US EPA ID Number N/A	C. Facility's Phone 530-740-6021

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	20	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 682-1841

Non Hazardous Waste Solid-Soil Acceptance # 3423

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
William Sisemor agent for		07	10	06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		07	10	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER # 1

15

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
		1 0

3. Generator's Name and Mailing Address
Brown Homes
3721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-366-1701)

#3423

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Slaymaker Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	20	DT	15	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-1941

Non Hazardous Waste Solid-Soil Acceptance # 3423

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Alan Sackett Agent for		12	4	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Slaymaker		12	4	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

12 BLC M5

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Reuser Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Skinner Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	5	YD
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tanner at (530) 662-1841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
		8	16	02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		8	16	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

2 REC M5

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of

3. Generator's Name and Mailing Address
Reliance Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name
Jim Shannon Trucking

6. US EPA ID Number
N/A

A. Transporter's Phone
530-306-0622

7. Transporter 2 Company Name

8. US EPA ID Number

8. Transporter's Phone

9. Designated Facility Name and Site Address
Ostrom Landfill
5900 Ostrom Rd.
Wheatland, CA 95692

10. US EPA ID Number
NA

C. Facility's Phone
530-743-4321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	CT	0516	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 663-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
		7	16	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jose Orozco		7	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		7	16	04

GENERATOR — TRANSPORTER — FACILITY

TRANSPORTER #1

12 BLC MS

14

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701)

3428

5. Transporter 1 Company Name: Jim Sizemor Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 530-406-8622

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Ostrom Landfill
3900 Ostrom Rd.
Wheatland, CA 95692
10. US EPA ID Number: N/A
C. Facility's Phone: 530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	0016	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-1941

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Sandy Mathews agent for Beazer		4	16	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR | TRANSPORTER | FACILITY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

TRANSPORTER #1

12 BLC MS

15

Please Print or Type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shearer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	50	DT	50.16	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2041

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Tom Navarro Beazer Homes		9	16	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Shearer		9	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

FORMULA 2 PACIFIC ASSOCIATES INC.

TRANSPORTER 1

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701)

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Slocum Trucking	NA	530-406-3622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	10. US EPA ID Number NA	C. Facility's Phone 530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	001	DT	14	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address: 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
		4	16	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

(29)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Beeson Sheets
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sletten Trucking	N/A	530-666-2622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Ostrom Landfill 5990 Ostrom Rd. Wheatland, CA 95692	10. US EPA ID Number N/A	C. Facility's Phone 530-743-6021

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	PT	15	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Doug Darley at (530) 661-2841

Non Hazardous Waste Solid-Soil Acceptance # 1423

Site Address 3600 Airport Road Secramento, CA

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	07	15	07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER # 1

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Bruce Evans
3701 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3423

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shearer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 3600 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	BT	016	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY PLEASE CONTACT Dump Trailer at (530) 682-2841

Non Hazardous Waste Solid-Soil Acceptance # 3423 -

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Bruce Evans		03	16	06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
X Jim Shearer		3	10	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER # 1

12-REC-M5

18

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
7721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shemer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	0016.	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. *Special Handling Instructions and Additional Information*

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-3841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
John Mancuso agent for Beazer		9	16	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DARMAN DAHL				

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

7

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sleamon Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	CT	016	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Denny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Suerramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		01	14	

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3432

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shelton Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	N/A	530-742-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	001	DT	10	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 682-2841

Non Hazardous Waste Solid-Soil Acceptance # 3432

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Mitchell Chase		9	10	

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Shelton		9	15	

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

Please Print or Type (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Dennis Hoover
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Bissenor Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	0016	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Dudley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Dennis Scott Beaver		05	06	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		5	17	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER # 1

M5

19

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Bonner Homes
7721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-369-1701

3438

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Skinner Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	00.16	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tindley at (530) 682-2341

Non Hazardous Waste Solid-Soil Acceptance # 3438

Site Address 3969 Airport Road Suttersville, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Wm Bonner Bonner Homes		9	16	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

12 BLC-M5

10

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Denzel Barnes
3721 Douglas Blvd.
Roseville, CA 95661

4. Generator's Phone (916-366-1701)

#3425

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Tim Spencer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	0016	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Denny Tasker at (510) 663-2341

Non Hazardous Waste Solid-Soil Acceptance # 3425

Site Address 7600 Airport Road Lancaster, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Dan Medina agent for Denny		9	16	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Mark Renfro		9	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		9	16	04

TRANSPORTER #1

12 DEC 04

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Bonner Homes
3721 Douglas Blvd
Roseville, CA 95661
3428

4. Generator's Phone (916-366-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shearer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	001	DT	0014	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Hanley at (530) 682-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, Ca

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
		7	16	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		7	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR — TRANSPORTER — FACILITY

TRANSPORTER # 1

NRS-BLOM5

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3121 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-746-1701

3425

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Spencer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd Wheatland, CA 95692	N/A	530-743-4321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	CT	16	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Danny Hanley at (530) 682-2841

Non Hazardous Waste Solid-Soil Acceptance # 3418

Site Address 5900 Airport Road Lincoln, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	6	16	16

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steve Cordova	[signature]	6	16	16

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	6	16	16

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

1-PLC-M5

(30)

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Bauer Foods
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701)

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Beecher Trucking	N/A	530-406-3622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	001	DT	15	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 682-3841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	15	20

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	15	20

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	15	20

TRANSPORTER #1

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

13

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Slezmer Trucking	N/A	530-406-3622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	YT	0016	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Doug Tinsley @ (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Juan Sandoval Agent For Beazer		12	16	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Eric Easterly		12	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. *Discrepancy Indication Space*

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Agent for NDS DEL

Printed/Typed Name	Signature	Month	Day	Year
William Hawkins		12	16	04

TRANSPORTER # 1

12-HLC-M5

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beaver Homes
1721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3402

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shearer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 3960 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-6321

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	00.16	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3402

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Tim Mazzo agent for Beaver		9	16	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-346-1701)

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Shearer Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5990 Ostrom Rd. Wheatland, CA 95692	N/A	530-740-4021

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil				
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3423

Site Address 3600 Almond Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Jon Schafer		07	16	07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		7	16	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER #1

21

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Denver Homes
3731 Douglas Blvd
Roseville, CA 95661

3423

4. Generator's Phone (916-366-1701)

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Bissman Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5999 Ostrom Rd. Wheatland, CA 95692	N/A	530-749-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	001	DT	0016	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Presley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3423

Site Address 3500 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Jason Machado Agent for Denver		9	16	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Harold Thompson		9	16	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

BUC-115

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701

3423

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Sisemor Trucking	N/A	530-406-8632
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 3900 Ostrom Rd. Wheatland, CA 95692	N/A	530-743-4321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil	20	DT	20	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Insley at (530) 662-2841

Non Hazardous Waste Solid-Soil Acceptance # 3422

Site Address 3690 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
		09	15	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		9	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER #1

1996 LC M15

Please print or type.
Form designed for use on elite (12-pitch) typewriter.

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
Beazer Homes
3721 Douglas Blvd
Roseville, CA 95661

4. Generator's Phone (916-366-1701)

3428

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Jim Dandor Trucking	N/A	530-406-8622
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Ostrom Landfill 5900 Ostrom Rd. Wheatland, CA 95692	MA	530-749-6321

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous Waste Solid - Soil				
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 662-3841

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Sacramento, CA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]			

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	16	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

12-81C M5

17

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address: Beazer Homes, 721 Douglas Blvd, Roseville, CA 95661

4. Generator's Phone: 916-365-1701

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
[illegible]	N/A	[illegible]

7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Dixon Landfill, 3006 Cook Rd, Winters, CA 95694	N/A	530-795-6291

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous waste Solid - Soil	001	DT	0016	V
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above	G. Handling Codes for Wastes Listed Above

H. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY, PLEASE CONTACT Donny Tinsley at (530) 661-2041

Non Hazardous Waste Solid-Soil Acceptance # 3428

Site Address 3600 Airport Road Woodland, CA

I. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day
[illegible] Agent for Beazer	[signature]	9	16

Printed/Typed Name of Receipt of Materials	Signature	Month	Day
	[signature]		

Printed/Typed Name	Signature	Month	Day

J. Discrepancy Indication of Quantity of Waste Materials covered by this manifest except as noted in Item 19:

Printed/Typed Name	Signature	Month	Day
[illegible]	[signature]		

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 1721 Douglas Blvd

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] DATE: 7/6-7-4

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER Non Haz Waste Solid Soil

GENERATING FACILITY: Site Address: 3000 Airport Rd., Sacramento

WASTE ACCEPTANCE NO. — 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Ostrom Landfill
5900 Ostrom Landfill
Wheatland, Ca 95692
530-743-6321

TRANSPORTER: Sisemore Trucking

ADDRESS: 18 Hiller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2941

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] DATE:

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
7B16923	440

Rear Tank

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] DATE: 7/6/04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL. UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294979

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]

DATE: 09-16-04

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER
☐ SPECIAL WASTE Non Haz Waste Solid Soil

GENERATING FACILITY
Site Address: 3600 Airport Rd., Sacramento

RECEIVING FACILITY

Ostrom Landfill
5900 Ostrom Landfill
Wheatland, Ca 95692
530-743-6321

TRANSPORTER: Sisemore Trucking

ADDRESS: 16 Miller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530 662 2841

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]

DATE: 9-16-04

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature]

DATE: 9/16/04

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294980

51062

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51502

Decal 9852744
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 09:17
Time Out 09:46
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	72820	36.41	1
Tare	32760	16.38	1
Net	40060	20.03	
Total Fee-		$240.36	

J#2428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER

51090

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51608

Decal 9852744
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 12:39
Time Out 13:01
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	65980	32.99	1
Tare	32640	16.32	1
Net	33340	16.67	
Total Fee		$200.04	

J#3429

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER

51083

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51051

Decal 9032776
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 11:34
Time Out 11:53
Operator ARS/WFH

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

% of Load
100

	Lbs	Tons	Scale
Gross	70300	35.19	1
Tare	33760	16.88	1
Net	36620	18.31	
Total Fee		$219.72	

#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51064

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51064

Decal 9067740
Customer DELTA OILFIELDS
Account 0049304

Date 09/16/04
Time In 09:19
Time Out 09:56
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

% of Load
100

	Lbs	Tons	Scale
Gross	80920	40.46	1
Tare	38960	19.43	1
Net	42000	21.03	
Total Fee		$252.36	

#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51089

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 516027

Decal 9867748
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 12:28
Time Out 12:59
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	72240	36.12	1
Tare	38760	19.38	1
Net	33480	16.74	
Total Fee		$200.88	

#3428 DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51066

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 515764

Decal 9883062
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 09:36
Time Out 10:05
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	72040	36.02	1
Tare	32640	16.32	1
Net	39400	19.70	
Total Fee		$236.40	

#3428 DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51085

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51503

Decal 9B10341
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 11:49
Time Out 12:05
Operator WFH/WFH

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	75680	37.84	1
Tare	30200	15.10	1
Net	45480	22.74	
Total Fee		$272.88	

I#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51073

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51553

Decal 9D46903
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 10:25
Time Out 10:37
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	67160	33.58	1
Tare	32660	16.33	1
Net	34500	17.25	
Total Fee		$207.00	

I#3425

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51044

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51562

Decal 9846903
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 07:34
Time Out 07:49
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	73420	36.71	1
Tare	32720	16.36	1
Net	40700	20.35	
Total Fee		$244.20	

JH3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51101

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51619

Decal 9846903
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 13:37
Time Out 13:49
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	63780	31.89	1
Tare	32520	16.26	1
Net	31260	15.63	
Total Fee		$187.56	

JH3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51058

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51576

Decal 9810341
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 08:52
Time Out 09:15
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

	Lbs	Tons	Scale
Gross	70100	35.05	1
Tare	30280	15.14	1
Net	39820	19.91	
Total Fee		$238.92	

% of Load 100

143420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51065

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51503

Decal 9000302
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 10:02
Time Out 10:02
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

	Lbs	Tons	Scale
Gross	63300	31.69	MAN WT
Tare	30900	15.49	MAN WT
Net	32400	16.20	
Total Fee		$194.40	

% of Load 100

143428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51110

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51620

Decal 9818341
Customer DELTA OILFIELD
Account 0049304

Date 09/16/94
Time In 14:36
Time Out 14:55
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

% of Load
100

	Lbs	Tons	Scale
Gross	67700	33.85	1
Tare	30040	15.02	1
Net	37660	18.83	
Total Fee		$225.96	

13429
DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER

51105

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51623

Decal 9814800
Customer DELTA OILFIELD
Account 0049304

Date 09/16/94
Time In 13:58
Time Out 14:24
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

% of Load
100

	Lbs	Tons	Scale
Gross	71080	35.54	1
Tare	32780	16.39	1
Net	38300	19.15	
Total Fee		$229.80	

#342
DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER

51067

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51535

Decal 9814000
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 09:43
Time Out 10:00
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

% of Load
100

	Lbs	Tons	Scale
Gross	73140	36.57	1
Tare	32980	16.49	1
Net	40160	20.08	
Total Fee		$240.96	

T#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51038

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51536

Decal 9814000
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 06:37
Time Out 07:09
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

% of Load
100

	Lbs	Tons	Scale
Gross	80320	40.16	1
Tare	33160	16.58	1
Net	47160	23.58	
Total Fee		$282.96	

T#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51071

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51569

Decal 9850411
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 10:10
Time Out 10:33
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	65940	32.97	1
Tare	32120	16.06	1
Net	33820	16.91	
Total Fee		$200.52	

R83420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51107

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51625

Decal 9850411
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 14:09
Time Out 14:30
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	69840	34.92	1
Tare	32320	16.16	1
Net	37520	18.76	
Total Fee		$225.12	

R83420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51109

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51627

Decal 9D32776
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 14:21
Time Out 14:39
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	74020	37.41	1
Tare	33620	16.81	1
Net	41200	20.60	
Total Fee		$247.20	

#3428 DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51043

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51561

Decal 9B58411
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 07:30
Time Out 07:46
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	67000	33.50	1
Tare	32120	16.06	1
Net	34880	17.44	
Total Fee		$209.28	

#3428 DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51094

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51612

Decal 9D08382
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 12:55
Time Out 13:13
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	73660	36.83	1
Tare	30860	15.43	1
Net	42800	21.40	
Total Fee		$256.80	

#3428 — DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER

51106

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51624

Decal 9A79437
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 14:00
Time Out 14:27
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	63520	31.76	1
Tare	31440	15.72	1
Net	32080	16.04	
Total Fee		$192.48	

#3428 — DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 94960

51072

WEIGHTMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51592

Decal 9479437
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 10:12
Time Out 10:35
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	67100	33.55	1
Tare	31580	15.79	1
Net	35520	17.76	
Total Fee		$213.12	

J#3428

DRIVERS SIGNATURE

DEPUTY WEIGHTMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51042

WEIGHTMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51562

Decal 9479437
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 07:23
Time Out 07:44
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	67220	33.61	1
Tare	31620	15.81	1
Net	35600	17.80	
Total Fee		$213.60	

J#3428

DRIVERS SIGNATURE

DEPUTY WEIGHTMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51112

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51532

Decal 9B93895
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 14:52
Time Out 15:14
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	74460	37.23	1
Tare	33400	16.70	1
Net	41060	20.53	
Total Fee		$246.36	

I# 3428 Harold Thompson
DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 1

51084

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51502

Decal 9B93895
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 11:36
Time Out 11:56
Operator ARS/WFH

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	75460	37.73	1
Tare	33520	16.76	1
Net	41940	20.97	
Total Fee		$251.64	

I# 3428 Harold Thompson
DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

William H
DEPUTY WEIGHMASTER 2

51059

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51577

Decal 9893895
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 08:54
Time Out 09:22
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	68980	34.49	1
Tare	33400	16.70	1
Net	35580	17.79	
Total Fee		$213.48	

T#3428 Harold Thompson
DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51093

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51511

Decal 9893862
Customer DELTA OILFIELD
Account 0049304

Date 09/16/04
Time In 12:36
Time Out 13:10
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	74240	37.12	1
Tare	32600	16.30	1
Net	41640	20.82	
Total Fee		$249.84	

T#3428 John Ortega
DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes	**WASTE ACCEPTANCE NO.** — 3428
MAILING ADDRESS: 1721 Douglas Blvd	
CITY, STATE, ZIP: Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE: (916) 366-1701	☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER
CONTACT PERSON	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE: *	DATE: 9/1/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER
☐ SPECIAL WASTE: Non Haz Waste Solid Soil

GENERATING FACILITY
Site Address: 3600 Airport Rd., Sacramento

RECEIVING FACILITY
Ostrom Landfill
5900 Ostrom Landfill
Wheatland, Ca 95692
530-743-6321

TRANSPORTER: Sycamore Trucking	NOTES:
ADDRESS: 13 Hiller Ct.	VEHICLE LICENSE NUMBER: 4B36357
CITY, STATE, ZIP: Woodland, CA 95776	TRUCK NUMBER: 5-1
PHONE: 530-662-2041	Sycamore TRK
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *	DATE: 9-1-04

END DUMP ☑ BOTTOM DUMP ☐ TRANSFER ☐

ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * DATE:

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294370

NON-HAZARDOUS WASTE MANIFEST

GENERATOR [illegible]	**WASTE ACCEPTANCE NO.**
MAILING ADDRESS 1721 Douglas Blvd.	— 3428
CITY, STATE, ZIP Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE (916) 786-1701	❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT
CONTACT PERSON	❑ TY-VEK ❑ OTHER
SIGNATURE OF AUTHORIZED AGENT / TITLE / DATE	SPECIAL HANDLING PROCEDURES:
* [signature] 9/17/04	

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER Non Haz Waste Solid Soil
❑ SPECIAL WASTE

GENERATING FACILITY [illegible] 3700 Airport Rd, Lincoln

RECEIVING FACILITY
Ostrom Landfill
3900 Ostrom Landfill
Wheatland Ca 95692
530-743-6321

TRANSPORTER Steelore Trucking	NOTES: VEHICLE LICENSE NUMBER 9A91287 / TRUCK NUMBER 58
ADDRESS 18 Miller Ct.	
CITY, STATE, ZIP Woodland, CA 95776	
PHONE 530-662-2841	END DUMP ❑ BOTTOM DUMP ❑ TRANSFER ❑
SIGNATURE OF AUTHORIZED AGENT OR DRIVER / DATE	ROLL-OFF(S) ❑ FLAT-BED ❑ VAN ❑ DRUMS ❑
* [signature] 9-17-04	

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT / DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294969

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes	WASTE ACCEPTANCE NO. — 3428
MAILING ADDRESS: 3721 Douglas Blvd	REQUIRED PERSONAL PROTECTIVE EQUIPMENT: ☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER
CITY, STATE, ZIP: Roseville, CA 95661	SPECIAL HANDLING PROCEDURES:
PHONE: (510) 566-1701	
CONTACT PERSON:	
SIGNATURE OF AUTHORIZED AGENT / TITLE: *	DATE: 9/7/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER
☐ SPECIAL WASTE: Non Haz Waste Solid Soil

GENERATING FACILITY: Site Address: 5000 Airport Rd., Sacramento

RECEIVING FACILITY:
Ostrom Landfill
5900 Ostrom Landfill
Wheatland, Ca 95692
530-743-6321

TRANSPORTER: Sisemore Trucking	NOTES: VEHICLE LICENSE NUMBER: 1B52744 TRUCK NUMBER: 01688 JJ Trk.
ADDRESS: 18 Hiller Ct.	
CITY, STATE, ZIP: Woodland, CA 95776	
PHONE: 530-662-2841	
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *	DATE: 9/7/04

END DUMP ☑ BOTTOM DUMP ☐ TRANSFER ☐

ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * DATE: 9/7/04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294957

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beaver Haven	**WASTE ACCEPTANCE NO.**
MAILING ADDRESS: 3721 Douglas Blvd	— 3402
CITY, STATE, ZIP: Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE: (916) 366-1701	☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER
CONTACT PERSON	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE: * John Winslow	DATE: 9/24

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY: Site Address: 3600 Airport Rd., Sacramento

RECEIVING FACILITY:
Ostrom Landfill
5900 Ostrom Landfill
Wheatland, Ca 95692
530-743-6321

TRANSPORTER: Sisemore Trucking	NOTES: VEHICLE LICENSE NUMBER: — TRUCK NUMBER: 55
ADDRESS: 18 Hitler Ct.	5150mrt + tax
CITY, STATE, ZIP: Woodland, CA 95776	
PHONE: 530-662-2941	
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *	DATE: 9-17-94

END DUMP ☑ BOTTOM DUMP ☐ TRANSFER ☐

ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * DATE:

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294952

NON-HAZARDOUS WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST

10

GENERATOR Beazer Homes

MAILING ADDRESS 3721 Douglas Blvd.

CITY, STATE, ZIP Roseville, CA 95661

PHONE (916) 366-1701

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE * Colin Thompson DATE 9/17/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER Non Haz Waste Solid Soil

GENERATING FACILITY

Site Address: 3000 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

– 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT

❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Ostrom Landfill

5900 Ostrom Landfill

Wheatland, Ca 95692

530-743-6321

TRANSPORTER Sisemore Trucking

ADDRESS 15 Miller Ct.

CITY, STATE, ZIP Woodland, CA 95776

PHONE 530 662 2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER * DATE 9-17-04

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9D58411	H03

Browning TRK.

END DUMP	BOTTOM DUMP	TRANSFER
☑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT * DATE

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294959

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Hanger Flowers

MAILING ADDRESS: 3731 Douglas Blvd

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * Don Patterson — DATE: 9/1/01

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY

Site Address: 3000 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT

❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Ostrom Landfill

5900 Ostrom Landfill

Wheatland, Ca 95692

530-743-6321

TRANSPORTER: Sizemore Trucking

ADDRESS: 18 Heller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] — DATE: 9-11-01

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9135411	H33

Burning TRK

END DUMP ☑ | BOTTOM DUMP ❑ | TRANSFER ❑

ROLL-OFF(S) ❑ | FLAT-BED ❑ | VAN ❑ | DRUMS ❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] — DATE: [illegible]

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294951

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes Corp.

MAILING ADDRESS: 3721 Douglas Blvd

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] | DATE: 9/17/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY: Site Address: 3600 Airport Rd., Sacramento

WASTE ACCEPTANCE NO. — 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT ❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Ostrom Landfill

5900 Ostrom Landfill

Wheatland, Ca 95692

530-743-6321

TRANSPORTER: Sisemore Trucking

ADDRESS: 18 Hiller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] | DATE: 9/20/04

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9B46903	440

Read TRK.

END DUMP	BOTTOM DUMP	TRANSFER
☑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] | DATE: 9/20/04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294961

NON-HAZARDOUS WASTE MANIFEST

4P

GENERATOR: Beazer Homes	**WASTE ACCEPTANCE NO.**
MAILING ADDRESS: 3721 Douglas Blvd	— 3428
CITY, STATE, ZIP: Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE: (916) 366-1701	☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER
CONTACT PERSON	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE: *	DATE: 9/17/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER
☐ SPECIAL WASTE: Non Haz Waste Solid Soil

GENERATING FACILITY
Site Address: 3900 Airport Rd., Sacramento

RECEIVING FACILITY
~~Ostrom Landfill~~
5900 Ostrom Landfill
~~Wheatland, Ca 95692~~
530-743-6321

TRANSPORTER	NOTES:	VEHICLE LICENSE NUMBER	TRUCK NUMBER
Sisemore Trucking		4D46905	440
ADDRESS: 18 Hiller Ct.		Reno Flk	
CITY, STATE, ZIP: Woodland, CA 95776			
PHONE: ~~530-662-2841~~			

SIGNATURE OF AUTHORIZED AGENT OR DRIVER	DATE
*	9/20/04

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT	DATE
*	

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL. UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294953

NON-HAZ[illegible]DOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]

DATE: 9-16-04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY

Site Address: 3600 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Ostrom Landfill

5900 Ostrom Landfill

Wheatland, Ca 95692

530-743-6321

TRANSPORTER: Sisemore Trucking

ADDRESS: 18 Heller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-7041

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]

DATE:

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
4N91287	58

Sisemore Trk.

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature]

DATE: 9/16/04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294964

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Reeser Homes	**WASTE ACCEPTANCE NO.**
MAILING ADDRESS: 3721 Douglas Blvd	– 3428
CITY, STATE, ZIP: Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE: (916) 366-1701	☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER
CONTACT PERSON	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE: *	DATE: 9/17/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER
☐ SPECIAL WASTE — Non Haz Waste Solid Soil

GENERATING FACILITY
Site Address: 3000 Airport Rd., Sacramento

RECEIVING FACILITY
Ostrom Landfill
5900 Ostrom Landfill
Wheatland, Ca 95692
530-743-6321

TRANSPORTER: Sierra Trucking	NOTES: VEHICLE LICENSE NUMBER: 9A9620 1 — TRUCK NUMBER: 53 — Sierra Trk.
ADDRESS: 13 Hiller Ct.	
CITY, STATE, ZIP: Wheatland, CA 95692	
PHONE: 530-633-2841	END DUMP ☑ BOTTOM DUMP ☐ TRANSFER ☐
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *	DATE: 9-17-04
	ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * DATE:

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294955

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Reuter Homes	WASTE ACCEPTANCE NO. — 3429
MAILING ADDRESS: 3221 Douglas Blvd	REQUIRED PERSONAL PROTECTIVE EQUIPMENT: ☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER
CITY, STATE, ZIP: Roseville, CA 95661	SPECIAL HANDLING PROCEDURES:
PHONE: (916) 366-1701	
CONTACT PERSON	
SIGNATURE OF AUTHORIZED AGENT / TITLE: *	DATE: 9/17/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER
☐ SPECIAL WASTE: Non Haz Waste Solid Soil

GENERATING FACILITY
Site Address: 3600 Airport Rd., Sacramento

RECEIVING FACILITY
~~Ostrom Landfill~~
3900 Ostrom Landfill
~~Wheatland, Ca 95692~~
530-743-6321

TRANSPORTER	NOTES:	VEHICLE LICENSE NUMBER	TRUCK NUMBER
Sizemore Trucking		9B13241	57
ADDRESS: 18 Butler Ct.			
CITY, STATE, ZIP: Woodland, CA 95776			
PHONE: 530-662-2041			
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *	DATE: 9-17-04		

Sizemore Trk.

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * DATE:

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294362

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes	**WASTE ACCEPTANCE NO.** — 3428
MAILING ADDRESS: 3721 Douglas Blvd	
CITY, STATE, ZIP: Roseville, Ca 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE: (916) 366-1701	❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT ❑ TY-VEK ❑ OTHER
CONTACT PERSON	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE: * John Mulgrew	DATE: 9/6/01

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER
❑ SPECIAL WASTE: Non Haz Waste Solid Soil

GENERATING FACILITY
Site Address: 3600 Airport Rd., Sacramento

RECEIVING FACILITY
~~Ostrom Landfill~~
5900 Ostrom Landfill
~~Wheatland, Ca 95692~~
530-743-6321

TRANSPORTER: Sierra Pumping	NOTES:
ADDRESS: 18 Miller Ct.	VEHICLE LICENSE NUMBER: 4DD6317
CITY, STATE, ZIP: Woodland, CA 95776	TRUCK NUMBER: 5-9
PHONE: 530-662-2641	5YSP MOF flk
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *	DATE: 9-17-01

END DUMP ❑ BOTTOM DUMP ❑ TRANSFER ❑

ROLL-OFF(S) ❑ FLAT-BED ❑ VAN ❑ DRUMS ❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * DATE:

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294955

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beeler Homes	**WASTE ACCEPTANCE NO.** — 3428
MAILING ADDRESS: 3721 Douglas Blvd	
CITY, STATE, ZIP: Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT: ☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER
PHONE: (916) 366-1701	
CONTACT PERSON	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE: *	DATE

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY: Site address: 3900 Airport Rd., Diamond Springs

RECEIVING FACILITY:
Ostrom Landfill
5900 Ostrom Landfill
Wheatland, Ca 95692
530-743-6321

TRANSPORTER: Seamore Trucking	NOTES: VEHICLE LICENSE NUMBER: 3B16903 — TRUCK NUMBER: 1120
ADDRESS: 10 Zinfandel Ct.	Ron's Trucking
CITY, STATE, ZIP: Woodland, CA 95776	END DUMP ☐ — BOTTOM DUMP ☐ — TRANSFER ☐
PHONE: 530 662 2841	ROLL-OFF(S) ☐ — FLAT-BED ☐ — VAN ☐ — DRUMS ☐
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *	DATE

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * — DATE

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294956

NON-HAZARDOUS WASTE MANIFEST 7:30, 950 (1) 10/15

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]

DATE: 9/17/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 251.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY

Site Address: 3600 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

— 3439

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT

❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

~~Ostrom Landfill~~

5900 Ostrom Landfill

~~Wheatland, Ca 95692~~

530-743-6321

TRANSPORTER

Sierra Trucking

ADDRESS

18 Miller Ct.

CITY, STATE, ZIP

Woodland, CA 95776

PHONE: ~~530-662-2011~~

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]

DATE: 9-17-04

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9D32776	338

BoBLift Trk.

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature]

DATE: 9/17/04

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294950

NON-HAZARDOUS WASTE MANIFEST

4

GENERATOR: Beaver Homes	**WASTE ACCEPTANCE NO.** — 3428
MAILING ADDRESS: 2701 Douglas Blvd	
CITY, STATE, ZIP: Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE: (916) 366-1701	❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT ❑ TY-VEK ❑ OTHER
CONTACT PERSON	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]	DATE: 9/17/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261."

WASTE TYPE:

❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER
❑ SPECIAL WASTE: Non Haz Waste Solid Soil

GENERATING FACILITY
Site Address: 3600 Airport Rd., Stockton

RECEIVING FACILITY
Ostrom Landfill
5900 Ostrom Landfill
Wheatland, Ca 95692
530-743-6321

TRANSPORTER: Sisemore Trucking	NOTES: VEHICLE LICENSE NUMBER: 0D32776 — TRUCK NUMBER: 3382
ADDRESS: 18 Miller Ct.	BOBCAT TRK.
CITY, STATE, ZIP: Woodland, CA 95776	END DUMP ✓ — BOTTOM DUMP ❑ — TRANSFER ❑
PHONE: 530 662 2841	ROLL-OFF(S) ❑ — FLAT-BED ❑ — VAN ❑ — DRUMS ❑
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]	DATE: 9-17-04

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature] — DATE

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294958

NON-HAZARDOUS WASTE MANIFEST

14

GENERATOR: Beazer Homes	**WASTE ACCEPTANCE NO.**
MAILING ADDRESS: 3721 Douglas Blvd	– 3428
CITY, STATE, ZIP: Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE: (916) 366-1701	☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER
CONTACT PERSON	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE / DATE: *	

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER Non Haz Waste Solid Soil
☐ SPECIAL WASTE

GENERATING FACILITY: [illegible] Dr., Suite 201, Sacramento

RECEIVING FACILITY:
Ostrom Landfill
5900 Ostrom Landfill
Wheatland Ca 95692
530-743-6321

TRANSPORTER	NOTES:	VEHICLE LICENSE NUMBER	TRUCK NUMBER
Sycamore Trucking		9358744	01688
ADDRESS: 16 Elliot Ct.			
CITY, STATE, ZIP: [illegible]			
PHONE: 530 662 2841			

JJ TRK

SIGNATURE OF AUTHORIZED AGENT OR DRIVER / DATE: *	END DUMP ☑	BOTTOM DUMP ☐	TRANSFER ☐
	ROLL-OFF(S) ☐	FLAT-BED ☐	VAN ☐ DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT / DATE: *

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294563

NON-HAZARDOUS WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST

(5)

GENERATOR

MAILING ADDRESS

CITY, STATE, ZIP

PHONE

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

Non Haz Waste Solid Soil

GENERATING FACILITY

Site Address: 6900 Airport Blvd., Sacramento

WASTE ACCEPTANCE NO.

—

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT

❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Forward Landfill

1300 Davis Landfill

Woodland, Ca 95695

530-743-6521

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9B15241	5-7

Sacramento

END DUMP	BOTTOM DUMP	TRANSFER
☑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 204254

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * John Fleshman

DATE: 9/7/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

Non Haz Waste Soil (Soil)

GENERATING FACILITY: Sites Under Dist. 3000 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Ostrom Landfill

1990 Ostrom Landfill

Wheatland, Ca 95692

530-743-6321

TRANSPORTER: Sizemore Trucking

ADDRESS: 16 Tallac Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530 662 2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]

DATE: 9-7-04

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9D22176	33

BOBCAT TK.

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: *

DATE:

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 284967

NON-HAZARDOUS WASTE MANIFEST

(11)

GENERATOR Everest Homes	**WASTE ACCEPTANCE NO.**
MAILING ADDRESS 1741 Iowa Ave	— 3428
CITY, STATE, ZIP Riverside, CA 92507	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE (951) 369-7701	❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT ❑ TY-VEK ❑ OTHER
CONTACT PERSON	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE * Rob Martinez	DATE 1-10-04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER Non Haz Waste Solid Soil
❑ SPECIAL WASTE

GENERATING FACILITY Import DJ Ranch

RECEIVING FACILITY
Patterson Landfill
[illegible]
Westland Ca 93692
559-[illegible]

TRANSPORTER Silvestre Trucking	NOTES:	VEHICLE LICENSE NUMBER 4B18341 / TRUCK NUMBER 5-7
ADDRESS [illegible]		
CITY, STATE, ZIP Westland, CA 93726		
PHONE 559-660-[illegible]		

END DUMP ❑ BOTTOM DUMP ❑ TRANSFER ❑

SIGNATURE OF AUTHORIZED AGENT OR DRIVER * [signature] DATE 1-17-04

ROLL-OFF(S) ❑ FLAT-BED ❑ VAN ❑ DRUMS ❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT * DATE

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL. UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

GENERATOR COPY

MANIFEST # [illegible]

2004-10-08 12:2? NON-HAZARDOUS WASTE MANIFEST 15306621375 P 3/11

Brown Forest

ADDRESS 3231 Douglas Blvd

CITY, ST, ZIP Roseville, CA 95661

PHONE (916) 366-1701

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

9/17/04

GENERATOR'S CERTIFICATION: I hereby certify that above named material is not a hazardous waste as defined by 40 CFR Part 261 or Title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Also, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in compliance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD

Non Haz Grade Solid Soil

GENERATING FACILITY ADDRESS Fremont Rd., Sacramento

TRANSPORTER Silverado Trucking

ADDRESS 18 Tiffer Ct

CITY STATE ZIP Woodland, CA 95776

PHONE 530-662-2641

PRINT NAME OF AUTHORIZED AGENT OR DRIVER | DATE

9-17-04

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

PRINT NAME

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

9/17/04

WASTE ACCEPTANCE NO.

– 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Ostrom Landfill

5900 Ostrom Landfill

Wheatland, Ca 95692

530-743-6321

NOTES: VEHICLE LICENSE NUMBER | TRUCK NUMBER

9B59911 | #52

Burning Tire

END DUMP ☒ | BOTTOM DUMP ☐ | TRANSFER ☐

ROLL-OFF(S) ☐ | FLAT-BED ☐ | VAN ☐ | DRUMS ☐

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING: MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL - ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ORGORY'S DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

LANDFILL COPY

MANIFEST # 294968

51189

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER CERTIFICATE

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9891287
Customer DELTA OILFIELD
Account 0049304

Transaction # 51707
Date 09/17/04
Time In 14:03
Time Out 14:10
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of % of Load 100

	Lbs	Tons	Scale
Gross	62600	31.34	1
Tare	30200	15.10	1
Net	32400	16.24	
Total Fee		$194.99	

J#3420 Bill
DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE 294960

51194

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER CERTIFICATE

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9858411
Customer DELTA OILFIELD
Account 0049304

Transaction # 51712
Date 09/17/04
Time In 14:04
Time Out 14:28
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of % of Load 100

	Lbs	Tons	Scale
Gross	68640	34.32	1
Tare	31900	15.95	1
Net	36740	18.37	
Total Fee		$220.44	

J#3426
DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE 294960

51173

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9B18341
Customer DELTA OILFIELD
Account 0049304

Transaction # 51653
Date 09/17/04
Time In 12:07
Time Out 12:22
Operator WFH/ORS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	67000	33.54	1
Tare	30200	15.14	1
Net	36800	18.40	
Total Fee		$110.00	

T#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51177

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9B52744
Customer DELTA OILFIELD
Account 0049304

Transaction # 51695
Date 09/17/04
Time In 12:33
Time Out 12:52
Operator ARS/ORS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of 100 % of Load

	Lbs	Tons	Scale
Gross	64640	32.32	1
Tare	32420	16.21	1
Net	32220	16.11	
Total Fee		$105.00	

T#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51151

WEIGHTMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51651

Decal 9852744
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 09:27
Time Out 09:57
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

% of Load
100

	Lbs	Tons	Scale
Gross	60240	34.12	1
Tare	32520	16.26	1
Net	35720	17.86	
Total Fee		$214.32	

TR3420

DRIVERS SIGNATURE

DEPUTY WEIGHTMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE 204957

51141

WEIGHTMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51651

Decal 9814800
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 08:55
Time Out 09:11
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of

% of Load
100

	Lbs	Tons	Scale
Gross	64920	32.46	1
Tare	32720	16.36	1
Net	32200	16.10	
Total Fee		$193.20	

TR3420

DRIVERS SIGNATURE

DEPUTY WEIGHTMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE 204958

51139

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51657

Decal 9858411
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 08:35
Time Out 08:57
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	64940	32.47	1
Tare	32660	16.33	1
Net	32280	16.14	
Total Fee		$193.68	

T#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

294951

51143

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51656

Decal 9818341
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 09:06
Time Out 09:10
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	62740	31.37	1
Tare	30640	15.32	1
Net	32100	16.05	
Total Fee		$192.60	

T#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

294954

51147

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51565

Decal 9079437
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 09:14
Time Out 09:30
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	67200	33.60	1
Tare	31840	15.92	1
Net	35360	17.68	
Total Fee		$218.16	

183420
DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE 294956

51164

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51632

Decal 9B58411
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 11:19
Time Out 11:37
Operator ARS/WFH

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	69180	34.59	1
Tare	32560	16.28	1
Net	36620	18.31	
Total Fee		$219.72	

3420
DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE 294959

51197

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51715

Decal 9A79437
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 14:50
Time Out 15:00
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	# Lbs	Tons	Scale
Gross	70260	35.13	1
Tare	31780	15.89	1
Net	38480	19.24	
Total Fee		$230.00	

#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51191

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51705

Decal 9D32776
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 14:02
Time Out 14:23
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	69540	34.77	1
Tare	33300	16.69	1
Net	36160	18.08	
Total Fee		$216.96	

#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51158

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51656

Decal 9D32776
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 08:27
Time Out 08:51
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	71360	35.68	1
Tare	33520	16.76	1
Net	37840	18.92	
Total Fee		$227.04	

TH3428 M L Anderson
DRIVERS SIGNATURE

DEPUTY WEIGHMASTER 294654

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51162

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51640

Decal 9D32776
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 11:11
Time Out 11:31
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	74120	37.06	1
Tare	33380	16.69	1
Net	40740	20.37	
Total Fee		$244.44	

TH3428 M L Anderson
DRIVERS SIGNATURE

DEPUTY WEIGHMASTER 294950

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51186

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51764

Decal 9B46903
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 13:37
Time Out 13:40
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	65080	32.54	1
Tare	32620	16.31	1
Net	32460	16.23	
Total Fee		$200.76	

J#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51161

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51679

Decal 9B46903
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 11:06
Time Out 11:26
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	64240	32.12	1
Tare	32600	16.30	1
Net	31640	15.82	
Total Fee		$189.84	

J#3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51167

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51655

Decal 9091207
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 11:40
Time Out 11:56
Operator WFH/WFH

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	62100	31.09	1
Tare	30320	15.16	1
Net	31860	15.95	
Total Fee		$19.16	

#3428 Bill
DRIVERS SIGNATURE

Will M
DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE 294964

51140

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51653

Decal 9846903
Customer DELTA OILFIELD
Account 0049304

Date 09/17/04
Time In 08:48
Time Out 08:59
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	61500	30.75	1
Tare	32420	16.21	1
Net	29080	14.54	
Total Fee		$174.48	

#3428
DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE 294953

31175

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER CERTIFICATE

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9479437
Customer DELTA OILFIELD
Account 0049304

Transaction # 51693
Date 09/17/04
Time In 12:18
Time Out 12:36
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of % of Load 100

	Lbs	Tons	Scale
Gross	66800	33.40	1
Tare	31820	15.91	1
Net	34980	17.49	
Total Fee		$209.88	

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

51144

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER CERTIFICATE

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9491287
Customer DELTA OILFIELD
Account 0049304

Transaction # 51692
Date 09/17/04
Time In 09:03
Time Out 09:21
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of % of Load 100

	Lbs	Tons	Scale
Gross	64520	32.26	1
Tare	30380	15.19	1
Net	34140	17.07	
Total Fee		$204.84	

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] | DATE: 9/8/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

Non Haz Waste Solid Soil

GENERATING FACILITY

Site Address: 3600 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

~~Ostrom Landfill~~

5900 Ostrom Landfill

~~Wheatland, Ca 95692~~

530-743-6321

TRANSPORTER: Sisemore Trucking

ADDRESS: 18 Haller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] | DATE: 9/8/04

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9032776	338

BOBCATT

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] | DATE: 9/8/04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294948

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]

DATE: 9/20/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER Non Haz Waste Solid Soil

GENERATING FACILITY: ~~Site Address:~~ 3600 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

– 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT

❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sisemore Trucking

ADDRESS: 16 Miller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-3841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]

DATE: 9-20-04

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9D32776	3382

BOBLITT TRK.

END DUMP	BOTTOM DUMP	TRANSFER
☑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: *

DATE:

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294922

NON-HAZARDOUS WASTE MANIFEST

(6)

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]

DATE: 9/20/01

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER Non Haz Waste Solid Soil

GENERATING FACILITY: ~~5000 Airport Rd., Sacramento~~

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sisemore Trucking

ADDRESS: 18 Hiller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]

DATE: 9-20-01

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9D32776	3382

BOBCAT TK

END DUMP ☑ BOTTOM DUMP ☐ TRANSFER ☐

ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature]

DATE: 9/20/01

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294928

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * John Blackmore

DATE: 9/20/01

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER

Non Haz Waste Solid Soil

GENERATING FACILITY: Site Address: 3000 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT

❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sisemore Trucking

ADDRESS: 16 Miller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-3841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *

DATE:

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9D14800	5-5

Sisemore TRK

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: *

DATE: 9/20/01

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294921

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 365-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] | DATE: 9/20/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY Site Address: 3600 Airport Rd., Sacramento

WASTE ACCEPTANCE NO. — 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sisemore Trucking

ADDRESS: 15 Hiller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] | DATE: 9/20/04

NOTES: VEHICLE LICENSE NUMBER: 9135214 | TRUCK NUMBER:

JJ Transport TR4

END DUMP ☑ | BOTTOM DUMP ☐ | TRANSFER ☐

ROLL-OFF(S) ☐ | FLAT-BED ☐ | VAN ☐ | DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] | DATE: 9/20/04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294923

NON-HAZARDOUS WASTE MANIFEST

(57)

GENERATOR: Beazer Homes	**WASTE ACCEPTANCE NO.** — 3428
MAILING ADDRESS: 3721 Douglas Blvd.	
CITY, STATE, ZIP: Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE: (916) 366-1761	❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT ❑ TY-VEK ❑ OTHER
CONTACT PERSON	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE: * Colin Markham	DATE: 9/20/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER Non Haz Waste Solid Soil
❑ SPECIAL WASTE

GENERATING FACILITY: Site Address: Jose Ramon Rd., Sacramento

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sycamore Trucking	NOTES:	VEHICLE LICENSE NUMBER: 4B52744 / TRUCK NUMBER: 01688
ADDRESS: 18 Hillel Ct.		JJ Trans.
CITY, STATE, ZIP: Woodland, CA 95776		
PHONE: 530-662-2841		
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * Juan Ramirez	DATE: 09/20/04	

END DUMP ☑ BOTTOM DUMP ❑ TRANSFER ❑

ROLL-OFF(S) ❑ FLAT-BED ❑ VAN ❑ DRUMS ❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature] DATE: 9/20/04

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294920

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * John Markham

DATE: 9/26/01

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY: ~~Site Address: 3000 Airport Rd., Sacramento~~

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT

❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sisemore Trucking.

ADDRESS: 18 Hiller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * Tom Sisemore

DATE: 09-26-01

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9B52744	01688

JJ. Trans

END DUMP	BOTTOM DUMP	TRANSFER
❑	❑	❑

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
❑	❑	❑	❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: *

DATE: 9/26/01

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294927

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] | DATE: 9/20/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

Non Haz Waste Solid Soil

GENERATING FACILITY: Site Address: 3600 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sisemore Trucking

ADDRESS: 18 Hiller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] | DATE: 9/20/04

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9B46903	440

Reno Trk

- END DUMP ☑
- BOTTOM DUMP ☐
- TRANSFER ☐
- ROLL-OFF(S) ☐
- FLAT-BED ☐
- VAN ☐
- DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] | DATE: 9/20/04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ *NON-FRIABLE* ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL. UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294931

NON-HAZARDOUS WASTE MANIFEST (8)

GENERATOR: Beazer Homes

MAILING ADDRESS: 1721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]

DATE: 9/29/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ❑ DISPOSAL
- ❑ CONSTRUCTION
- ❑ DEBRIS
- ❑ SPECIAL WASTE
- ❑ SLUDGE
- ❑ WOOD
- ❑ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY ~~Site Address: 3600 Airport Rd., Sacramento~~

WASTE ACCEPTANCE NO. — 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT ❑ TY-VEK ❑ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sisemore Trucking

ADDRESS: 18 Hiller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]

DATE: 20 Sep 04

NOTES: ~~Sisemore~~ TRH. Reno

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9134903	440

END DUMP ☑ BOTTOM DUMP ❑ TRANSFER ❑

ROLL-OFF(S) ❑ FLAT-BED ❑ VAN ❑ DRUMS ❑

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature]

DATE: 9/29/04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294929

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] | DATE: 9/30/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER Non Haz Waste Solid Soil

GENERATING FACILITY: 5000 Airport Rd., Sacramento

WASTE ACCEPTANCE NO. — 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sisemore Trucking

ADDRESS: 18 Hiller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] | DATE: 9-28-04

NOTES: VEHICLE LICENSE NUMBER: 9318341 | TRUCK NUMBER: 57

Sisemore Trk.

☒ END DUMP ☐ BOTTOM DUMP ☐ TRANSFER

ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] | DATE: 9/28/04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL. UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294932

NON-HAZARDOUS WASTE MANIFEST

(7)

GENERATOR: Beazer Homes	**WASTE ACCEPTANCE NO.** — 3428
MAILING ADDRESS: 3721 Douglas Blvd.	
CITY, STATE, ZIP: Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE: (916) 366-1701	❑ GLOVES ❑ GOGGLES ❑ RESPIRATOR ❑ HARD HAT ❑ TY-VEK ❑ OTHER
CONTACT PERSON:	SPECIAL HANDLING PROCEDURES:
SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]	DATE: 9/26/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged; and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

❑ DISPOSAL ❑ SLUDGE
❑ CONSTRUCTION ❑ WOOD
❑ DEBRIS ❑ OTHER
❑ SPECIAL WASTE Non Haz Waste Solid Soil

GENERATING FACILITY: ~~Site Address: 3600 Airport Rd., Sacramento~~

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sisemore Trucking.	NOTES: VEHICLE LICENSE NUMBER: 9B18341 TRUCK NUMBER: 5-7
ADDRESS: 18 Hiller Ct.	Sisemore Trk.
CITY, STATE, ZIP: Woodland, CA 95776	END DUMP ☑ BOTTOM DUMP ❑ TRANSFER ❑
PHONE: 530-662-2841	ROLL-OFF(S) ❑ FLAT-BED ❑ VAN ❑ DRUMS ❑
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]	DATE: 9-28-04

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] DATE: 9/28/04

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
❑ SOIL		
❑ CONSTRUCTION DEBRIS		
❑ NON-FRIABLE ASBESTOS		
❑ WOOD		
❑ ASH		
❑ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294930

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1761

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * Ian Woodard — DATE: 9/10/01

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY: Str. Address: 3645 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.

— 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY: Ostrom Landfill

TRANSPORTER: Sisemore Trucking

ADDRESS: 18 Miller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-7841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * — DATE: 9-20-01

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
901034	5-7

Sisemore Trk

END DUMP ☑ BOTTOM DUMP ☐ TRANSFER ☐

ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * — DATE: 9/20/01

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294926

GENERATOR

ADDRESS 3721 Douglas Blvd.

CITY, STATE, ZIP Roseville, CA 95661

PHONE (916) 365-1781

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

9/20/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; and, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER Non Haz Waste Solid Soil

GENERATING FACILITY

Site Address: 3900 Airport Rd., Sacramento

TRANSPORTER

Sismore Trucking

ADDRESS

CITY, STATE, ZIP Woodland, CA 95776

PHONE 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

9/20

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY PERMIT NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

9/20/04

WASTE ACCEPTANCE NO.

3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Ostrom Landfill

5900 Ostrom Landfill

Wheatland, Ca 95692

530-743-6321

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9B14900	5-5

Sismore Trk.

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

LANDFILL COPY

MANIFEST # 294949

[redacted]

Beazer Homes	WASTE ACCEPTANCE NO.
ADDRESS 3721 Douglas Blvd.	— 3428
CITY STATE, ZIP Roseville, CA 95661	REQUIRED PERSONAL PROTECTIVE EQUIPMENT
PHONE (916) 365-1701	☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT
CONTACT PERSON	☐ TY-VEK ☐ OTHER
SIGNATURE OF AUTHORIZED AGENT / TITLE / DATE	SPECIAL HANDLING PROCEDURES:
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly segregated, described and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.	
WASTE TYPE: ☐ DISPOSAL ☐ CONSTRUCTION ☐ DEBRIS ☐ SPECIAL WASTE ☐ SLUDGE ☐ WOOD ☐ OTHER Non Haz. Waste Solid Soil	RECEIVING FACILITY Ostrom Landfill
GENERATING FACILITY Sutter Airport Bus. Park, Sacramento	
TRANSPORTER Sierra Cal Trucking	NOTES: VEHICLE LICENSE NUMBER 9B4690-3 TRUCK NUMBER 440 Reno TRK.
ADDRESS [illegible] Ct.	
CITY STATE, ZIP Woodland, CA 95776	
PHONE 530-662-3847	END DUMP ☑ BOTTOM DUMP ☐ TRANSFER ☐
SIGNATURE OF AUTHORIZED AGENT OR DRIVER / DATE	ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	CUBIC YARDS
REMARKS	DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)
FACILITY TICKET NUMBER	
SIGNATURE OF AUTHORIZED AGENT / DATE	

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

CANCELLING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE

LANDFILL COPY MANIFEST # 294925

51262

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51782

Decal 9D32776
Customer DELTA OILFIELD
Account 0049304

Date 09/20/04
Time In 08:35
Time Out 08:53
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	74420	37.21	1
Tare	33420	16.71	1
Net	41000	20.50	
Total Fee		$246.00	

I#3428 M L Rutherford
DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 94522

51309

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51827

Decal 9D32776
Customer DELTA OILFIELD
Account 0049304

Date 09/20/04
Time In 14:12
Time Out 14:29
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	74120	37.06	1
Tare	33080	16.54	1
Net	41040	20.52	
Total Fee		$246.24	

I#3428 M L Rutherford
DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 94948

51285

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER CERTIFICATE

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9D32776
Customer DELTA OILFIELD
Account 0049304

Transaction # 51285
Date 09/20/04
Time In 11:29
Time Out 11:45
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of % of Load 100

	Lbs	Tons	Scale
Gross	67000	33.50	1
Tare	33220	16.61	1
Net	33780	16.89	
Total Fee		$202.68	

T#294920

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 294928

51284

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER CERTIFICATE

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9D14880
Customer DELTA OILFIELD
Account 0049304

Transaction # 51284
Date 09/20/04
Time In 11:17
Time Out 11:33
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge
Origin(s) 200 - Sacramento, City of % of Load 100

	Lbs	Tons	Scale
Gross	72660	36.33	1
Tare	32760	16.38	1
Net	39900	19.95	
Total Fee		$239.10	

T#3439

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 294921

51288

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51405

Decal 9B46903
Customer DELTA OILFIELD
Account 0049304

Date 09/20/04
Time In 11:43
Time Out 12:14
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	63840	31.92	1
Tare	30760	15.38	1
Net	33080	16.54	
Total Fee		$198.40	

J#3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 94929

51266

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51784

Decal 9B46903
Customer DELTA OILFIELD
Account 0049304

Date 09/20/04
Time In 08:58
Time Out 09:09
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	64060	32.43	1
Tare	31640	15.82	1
Net	33220	16.61	
Total Fee		$199.32	

J#3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 94931

51263

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51781

Decal 9B10341
Customer DELTA OILFIELD
Account 0049304

Date 09/20/04
Time In 08:36
Time Out 08:55
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	65480	32.74	1
Tare	31880	15.94	1
Net	33600	16.80	
Total Fee		$201.60	

IN3420

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 294932

51311

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51512

Decal 9B10341
Customer DELTA OILFIELD
Account 0049304

Date 09/20/04
Time In 14:19
Time Out 14:39
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	71720	35.86	1
Tare	29880	14.94	1
Net	41840	20.92	
Total Fee		$251.04	

IN3425

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 294926

51286

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER CERTIFICATE

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9B10341
Customer DELTA OILFIELD
Account 0049304

Transaction # 51286
Date 09/20/04
Time In 11:30
Time Out 11:47
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	73160	36.58	1
Tare	29980	14.99	1
Net	43180	21.59	
Total Fee		$259.08	

#3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 294930

51283

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER CERTIFICATE

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Decal 9B52744
Customer DELTA OILFIELD
Account 0049304

Transaction # 51283
Date 09/20/04
Time In 11:09
Time Out 11:27
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	63020	31.91	1
Tare	32500	16.25	1
Net	31320	15.66	
Total Fee		$187.92	

#3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 294920

51261

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51775

Decal 9852744
Customer DELTA OILFIELD
Account 0049304

Date 09/20/04
Time In 08:28
Time Out 05:49
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	68100	34.55	1
Tare	32580	16.29	1
Net	36520	18.26	
Total Fee		$219.12	

TR3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 94927

51304

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51825

Decal 9852744
Customer DELTA OILFIELD
Account 0049304

Date 09/20/04
Time In 13:49
Time Out 14:10
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	70060	35.03	1
Tare	32400	16.20	1
Net	37660	18.83	
Total Fee		$225.96	

TR3428

DRIVERS SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 94927

51307

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51925

Decal 9814800
Customer DELTA OILFIELD
Account 0049304

Date 09/20/04
Time In 14:07
Time Out 14:25
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1402 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	81600	40.80	1
Tare	32620	16.31	1
Net	48980	24.49	
Total Fee		$293.88	

J#3428

DRIVER'S SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 294943

DEBRIS OTHER

51316

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51834

Decal 9846903
Customer DELTA OILFIELD
Account 0049304

Date 09/20/04
Time In 14:53
Time Out 15:05
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1402 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	69420	34.71	1
Tare	31960	15.98	1
Net	37460	18.73	
Total Fee		$224.76	

J#3428

DRIVER'S SIGNATURE

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

DEPUTY WEIGHMASTER 294925

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Beazer Homes

MAILING ADDRESS: 3721 Douglas Blvd.

CITY, STATE, ZIP: Roseville, CA 95661

PHONE: (916) 366-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] DATE: 9-21-04 Mgr. for Beazer

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER: Non Haz Waste Solid Soil

GENERATING FACILITY: Site Address: 3000 Airport Rd., Sacramento

WASTE ACCEPTANCE NO.: 1 – 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

Ostrom Landfill

5900 Ostrom Landfill

Wheatland, Ca 95692

530-743-6321

TRANSPORTER: Sisemore Trucking

ADDRESS: 18 Hillier Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-662-2841

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature] DATE: 9-21-04

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
	19

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] DATE: 9/21/04

CUBIC YARDS: 14 yd

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

TRANSPORTER COPY

MANIFEST # 294947

Seaser Homes

ADDRESS: 3721 Douglas Blvd.

STATE, ZIP: Roseville, CA 95661

PHONE: (916) 786-1701

CONTACT PERSON:

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE: 9/21/04

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Also, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

Non Haz Waste Solid Soil

GENERATING FACILITY (ADDRESS, IF DIFFERENT): 3721 Airport Rd., Beal Aircrafts

TRANSPORTER: Swenson Trucking

ADDRESS: 18 Miller Ct.

CITY, STATE, ZIP: Woodland, CA 95776

PHONE: 530-661-2941

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE: 9/20/04

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

TRIP NUMBER:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT | DATE: 9/21/04

WASTE ACCEPTANCE NO.: 3428

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT ☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY: Ostrom Landfill

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9B50744	0281

55 TRACT

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO ARRIVAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

LANDFILL COPY

MANIFEST # 294924

51370

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51888

Decal 9B46868
Customer DELTA OILFIELD
Account 0049304

Date 09/21/04
Time In 10:27
Time Out 12:15
Operator ARS/WFH

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	65320	32.66	1
Tare	37400	18.70	1
Net	27920	13.96	
Total Fee		$167.52	

I# 3428

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER 94947

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

2004-10-08 12:21 >> 15306621375 P 10/11

51335

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NORCAL WASTE SYSTEMS OSTROM ROAD LANDFILL, INC. - WEIGHT RECEIPT

Transaction # 51853

Decal 9B52744
Customer DELTA OILFIELD
Account 0049304

Date 09/21/04
Time In 08:02
Time Out 08:24
Operator ARS/ARS

Transaction 40 - Special Waste - Manifest
Material 1422 - Soil - Cont C Rate
Destination 10 - Ostrom Road Sanita
Payment By 1 - Charge % of Load
Origin(s) 200 - Sacramento, City of 100

	Lbs	Tons	Scale
Gross	72300	36.15	1
Tare	32900	16.45	1
Net	39400	19.70	
Total Fee		$236.40	

I#3420

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE 394924

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAD981981715	3511 17		

GENERATOR

3. Generator's Name and Mailing Address
[illegible]
[illegible] BAKERSFIELD, CA 93[illegible]

4. Generator's Phone (661) [illegible]

A. State Manifest Document Number: 23638117

B. State Generator's ID:

5. Transporter 1 Company Name: [illegible] Environmental Services

6. US EPA ID Number: CAD984009566

C. State Transporter's ID [Reserved.]:

D. Transporter's Phone: 916 371-5747

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID [Reserved.]:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
[illegible]
[illegible]
W Sacramento, CA 95691

10. US EPA ID Number: CAD984009566

G. State Facility's ID:

H. Facility's Phone: 916.371-5747

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON RCRA Hazardous Waste Liquid, n.o.s. (WATER) ERG# 171	001	TT	03000	G	State 223 EPA/Other NONRCRA
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
TPH water 3000 GALLONS

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information
[illegible] SP #024249
[illegible] EMERGENCY CONTACT [illegible]

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Steve Dalton	Steve Dalton	09	16	14

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Sean R Gomez	Sean R Gomez	09	16	14

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700-22

Yellow: GENERATOR RETAINS

CALL FOR INSPECTIONS
EH (916) 875-8422
HAZMAT(916) 875-8464

WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT
8475 JACKSON ROAD, SUITE 230/240
SACRAMENTO, CA 95826-3904

Paid $89 $46 credit

FOR OFFICE USE ONLY

☐ DISAPPROVED ☒ APPROVED WP22185- WP22191 Date Received: 7-29-04 Permit Number: 140158
☐ APPROVED WITH CONDITIONS (See attachment) Date Issued: SR Number: 12448
By: Date: 8/3/04 Total Fee: $763 Receipt Number: 110791
Grout Inspection By: Date: GPS #: Site Number: HAZ 6047
Actual Well Depth: Actual Grout Depth: Final Inspection By: Date:
Depth to first Water: Well Destruction Inspection By: Date:
Comments:

Inspecting Division: ☐ ENVIRONMENTAL HEALTH ☒ HAZARDOUS MATERIALS HAZ BIM 6

SITE ADDRESS: 3600 Airport Rd City: Sacramento Zip: 95834
Nearest Major Cross Street: San Juan Rd Parcel Number: 225-0150-023
Property Owner: Beazer Homes Phone Number: (916) 773-3888
Well Contractor: EnProb Environmental Probing License Number: 777007 Type: C-57
Contractor Address: P.O. Box 6093 Expiration Date: 4/30/2006
City: Oroville Zip: 95966 Phone: (530) 589-2019 Well/Boring Identification Number: GB-25 to GB-31

WORK TO BE PERFORMED: (License Required)

☐ Construct Well (C-57) ☐ Repair/Modify Well or Pump (C-57, C-61, Class A) ☐ Test Hole Soil Boring With Destruction (C-57)
☐ Install New Pump (C-57) ☐ Destroy Well (C-57) ☐ Inactivation Permit, (Owner Only)
Comments: Advance 7 geoprobe borings to approx 25ft ☒ Other (state): 7 geoprobe borings

DISTANCE TO NEAREST: Leach Field: Leach Pit: Septic Tank: Sewer Line:
Stream, Ditch, Drainage Canal: 100 Year Flood Plain:

INTENDED USE:	DRILLING METHOD:	CONSTRUCTION SPECIFICATIONS:
☐ Domestic/Private	☐ Auger	BOREHOLE: Diameter: 2-in Depth: 25ft Gravel Pack: Yes ☐ No ☑
☐ Public Water System	☐ Cable Tool	CASING: Diameter: Depth:
☐ Irrigation	☑ Driven (geoprobe)	If Steel, Gauge: Or Thickness:
☐ Cathodic Protection	☐ Rotary	If Plastic, Type: (MUST MEET ASTM F-480)
☐ Monitoring	☐ Other (state)	If Conductor, Diameter: Depth:
☐ Extraction/Recovery		GROUT: Diameter: 2" Depth: 5-25' Sealing Material: Cement (0-5' sand)
☐ Heat Exchanger		TRANSITION SEAL: Material: NA Interval: NA
☒ Other (state)		Comments: Soil and groundwater site investigation

PUMP INSTALLATION/REPAIR: Contractor: NA License Number: NA
Type of Pump: NA Horse Power: NA License Type: NA Expiration Date: NA

WELL/TEST HOLE/ SOIL BORING DESTRUCTION: Diameter: NA Total depth: NA Depth to Water: NA

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating well construction/destruction, call for a grout/destruction inspection at least 24 hours prior to placement of sealing material, notify the Department within 5 days of the completion of my work so a final inspection can be made, and obtain final approval before placing the well in service.

Signature: Steven C. Dalton ☐ Property Owner ☐ Well Contractor
Print Name: Steven C. Dalton ☐ Agent for Property Owner* ☒ Agent for Well Contractor*
Company: Kleinfelder Phone: 916-366-1701 Field Phone # if Available: 916-416-7042
Mailing Address: 3077 Fite Circle City, State, Zip: Sacramento, CA 95827

\WATER WELLS\WELL APPLICATION 005

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION
PERMIT EXPIRES ONE (1) YEAR FROM DATE ISSUED (UNLESS EXTENDED)

CALL FOR INSPECTIONS
EH (916) 875-8422
HAZMAT(916) 875-8464

WELL APPLICATION AND PERMIT FORM

IRONMENTAL MANAGEMENT DEPARTMENT
8475 JACKSON ROAD, SUITE 230/240
SACRAMENTO, CA 95826-3904

SEP 03 2004

FOR OFFICE USE ONLY WP2240I

☐ DISAPPROVED ☒ APPROVED Date Received: 9-1-04 Permit Number: 140312

☐ APPROVED WITH CONDITIONS (See attachment) Date Issued: SR Number: 12676

By: Date: 9/2/04 Total Fee: 750.00 Receipt Number: 112884

Grout Inspection By: Date: 9/22/04 GPS #: Site Number:

Actual Well Depth: 22 Actual Grout Depth: 22 Final Inspection By: Date:

Depth to first Water: 17 Well Destruction Inspection By: Date:

Comments: Permits are for additional borings added by field decision. Already drilled (BJ)

GB32

Inspecting Division: ☐ ENVIRONMENTAL HEALTH ☒ HAZARDOUS MATERIALS

SITE ADDRESS: 31000 Airport Rd. City: Sacramento Zip: 95834

Nearest Major Cross Street:: San Juan Rd Parcel Number: 225-0150-023

Property Owner: Beazer Homes Phone Number: 916-773-3888

Well Contractor: En Prob Environmental Probing License Number: 777007 Type: C-57

Contractor Address: PO Box 6093 Expiration Date: 4/30/06

City: Oroville Zip: 95966 Phone: 530-589-2019 Well/Boring Identification Number: GB-32 to GB-41

WORK TO BE PERFORMED: (License Required)

☐ Construct Well (C-57) ☐ Repair/Modify Well or Pump (C-57, C-61, Class A) ☐ Test Hole Soil Boring With Destruction (C-57)

☐ Install New Pump (C-57) ☐ Destroy Well (C-57) ☐ Inactivation Permit, (Owner Only)

Comments: Advance 10 Geoprobe borings to 22' bgs ☒ Other (state): 10 geoprobe borings

DISTANCE TO NEAREST: Leach Field: Leach Pit: Septic Tank: Sewer Line:

Stream, Ditch, Drainage Canal: 100 Year Flood Plain:

INTENDED USE:	**DRILLING METHOD:**	**CONSTRUCTION SPECIFICATIONS:**
☐ Domestic/Private	☐ Auger	**BOREHOLE:** Diameter: 2-in Depth: 25 Ft Gravel Pack: Yes ☐ No ☒
☐ Public Water System	☐ Cable Tool	**CASING:** Diameter: Depth:
☐ Irrigation	☒ Driven Geoprobe	If Steel, Gauge: Or Thickness:
☐ Cathodic Protection	☐ Rotary	If Plastic, Type: (MUST MEET ASTM F-480)
☐ Monitoring	☐ Other (state)	If Conductor, Diameter: Depth:
☐ Extraction/Recovery		**GROUT:** Diameter: 2" Depth: 5'-25' Sealing Material: Cement (0-5' sand)
☐ Heat Exchanger		**TRANSITION SEAL:** Material: NA Interval: NA
☒ Other (state)	Comments: Soil + groundwater site investigation	

PUMP INSTALLATION/REPAIR: Contractor: NA License Number: NA

Type of Pump: NA Horse Power: NA License Type: NA Expiration Date: NA

WELL/TEST HOLE/ SOIL BORING DESTRUCTION: Diameter: NA Total depth: NA Depth to Water: NA

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating well construction/destruction, call for a grout/destruction inspection at least 24 hours prior to placement of sealing material, notify the Department within 5 days of the completion of my work so a final inspection can be made, and obtain final approval before placing the well in service.

Signature: Steven C. Dalton ☐ Property Owner ☐ Well Contractor

Print Name: Steven C. Dalton ☐ Agent for Property Owner* ☒ Agent for Well Contractor*

Company: Kleinfelder Phone: 916-366-1701 Field Phone # if Available: 916-416-7042

Mailing Address: 3077 Fite Cr City, State, Zip: Sacramento, CA 95827

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION
PERMIT EXPIRES ONE (1) YEAR FROM DATE ISSUED (UNLESS EXTENDED)

ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS
HOUSING

COUNTY OF SACRAMENTO

ENVIRONMENTAL MANAGEMENT DEPARTMENT

Mel Knight, Acting Director

WELL DRILLER'S AUTHORIZATION LETTER

Site Address: 3600 Airport Rd

City, Zip: Sacramento, CA 95834

Well Driller: En Prob Environmental Drilling

Driller's Address: P.O. Box 6093

City, State, Zip: Oroville, CA 95966

C-57 License No.: 777007 Expiration Date: 4/30/06

For the sole purpose of procuring permits for the construction, modification, repair, or destruction of wells or soil borings and the installation, repair, or replacement of well pumps at the aforementioned site, I hereby designate the following entity(ies) to act as my authorized representative(s):

Name(s): Steve Dalton

Company: Kleinfelder

Address: 3077 Fite Circle

City, State, Zip: Sacramento, CA 95827

I understand that, as the applicant for permits for activities regulated under Chapter 6.28 of the Sacramento County Code, I am responsible for compliance with all provisions of that Chapter. I further understand that, upon written notification to the Environmental Management Department, I may rescind this authorization.

Signed: Don Silgo

Printed: Don Silgo

Title/Position: OWNER

Date: 7/28/2004

W:\DATA\WELLS\WDAL.SEB

COUNTY OF SACRAMENTO
Environmental Management Department
Mel Knight, Director

Richard Sanchez, Chief
Environmental Health
Dennis Green, Chief
Hazardous Materials
Cecilia Jensen, Chief
Water Protection Division

July 29, 2004

Beazer Homes
3721 Douglas Road
Roseville, CA 95661

To Whom It May Concern:

RE: REMOVE 2 UST's AT RESIDENCE, 3600 AIRPORT ROAD, SACRAMENTO, CA 95827
REMOVAL AUTHORITY NUMBER R04-033

Please refer to your application to remove the underground storage tanks at the site address listed above.

REMOVAL AUTHORITY

Authorization to remove the underground storage tanks is hereby granted with the following conditions:

1. The Hazardous Materials Division shall be notified at least 48 hours prior to removal. **Please have the removal authority number and site address ready when calling for your inspection appointment.** Tanks shall not be removed unless a representative from HMD is on site.

2. All encroachment, access or other permits (public agency or private) shall be the responsibility of the property owner/operator/contractor (or agent of) to research and obtain, prior to the UST removal.

3. Tanks shall be rinsed and inerted prior to removal.

4. Comply with the conditions set forth under Sections II & III of the "Consolidated Application for Authority to Remove Underground Storage Tanks."

5. The cutting of tanks on-site is prohibited under City of Sacramento Ordinance 7902.1.7.4.1.

6. Soil analytical results, performed by certified labs, shall be forwarded to the SCHMD as soon as possible (analytical results shall include copies of chain-of-custody, lab quality control data, and sampling plot map). No site can be closed until the analytical results have been reviewed.

7. ***This removal authority expires six months from the date of this letter.*** Commencing work under this authority to remove the underground storage tanks shall be deemed acceptance of all the conditions specified. This authorization does not allow violations of any applicable rule, regulation, or code. The owner shall be deemed responsible to secure the property and excavation from unauthorized personnel at all times.

If you have any questions, please call me at (916) 875-8553.

Sincerely,

Richard Leibold
Hazardous Materials Specialist

RL:dp

c: W.A. Craig, Inc.

W:\Data\Green\3600 AIRPORT RD REMOVAL APPROVAL.doc

COUNTY OF SACRAMENTO

Environmental Management Department
Mel Knight, Director

Richard Sanchez, Chief
Environmental Health
Dennis C. Green, Chief
Hazardous Materials
Cecilia Jensen, Chief
Water Protection Division

CONSOLIDATED APPLICATION FOR AUTHORITY TO REMOVE UNDERGROUND STORAGE TANKS

FOR AGENCY USE ONLY SR 12400

DATE REC'D 7.28.04 REMOVAL AUTHORITY # R04-033 BY DLeR

RECEIPT # 110885 FEE 1267- BY AW

DATE ISSUED BY EMD: _____ BY _____

Application expires six months from date of submittal. Permit fee is to be submitted with this application. Please refer to the fee schedule for amount due.

THIS APPLICATION SHALL BE SUBMITTED TO THE HAZARDOUS MATERIALS DIVISION (HMD) AT LEAST FOURTEEN (14) DAYS PRIOR TO ANY TANK REMOVAL.

A REPRESENTATIVE FROM BOTH HMD AND THE FIRE PROTECTION DISTRICT (IF APPLICABLE) SHALL BE PRESENT DURING THE TANK REMOVAL. HMD AND THE FIRE PROTECTION DISTRICT MUST BE NOTIFIED NOT LESS THAN 48 HOURS PRIOR TO TANK REMOVAL. PLEASE NOTE THIS DOES NOT GUARANTEE AN APPOINTMENT IN 48 HOURS. EARLIER NOTIFICATION IS RECOMMENDED.

Beazer Homes — Owner's Name
916-773-3888 — Phone
3721 Douglas Blvd. — Owner's Address
Roseville — City
95661 — Zip
Residence — Facility Name
Phone
3600 Airport Road — Facility Address
Sacramento — City
95827 — Zip
San Juan Rd. — Nearest Cross Street
Fire Prevention District
225-0150-023 — Assessor's Parcel Number
W.A. Craig Inc (Peter Maloney) — Contractor
707-693-2929 — Phone
FAX (707) 693-2922
6940 Tremont Rd. — Contractor's Address
Dixon — City
95620 — Zip
455752 — Contractor's License Number
4/30/06 — Expiration Date
Fremont Environmental — Hazardous Waste Transporter (Rinsate or Tanks)
EPA Number
Vacaville
Hazardous Waste Generator #

Section I. **REQUIRED INFORMATION**

Check One: Tanks & Piping X Piping Only _____

Size of Tanks(s): 500 500 _____ _____

Product Stored: Gasoline Gasoline _____ _____

Destination of tank(s) after removal: Sims Metals, Sacramento, CA

Destination of rinsate: Fremont Env.

Section II: **SOIL SAMPLING PROTOCOL**

The owner or his agent shall be responsible for contracting with an independent qualified third party to collect soil samples from the tank excavation at the time of the tank removal. The owner or his agent shall have the samples analyzed at a State approved analytical laboratory for tank product constituents as required by HMD. **Brass, stainless steel, or teflon tubes shall be used to take soil samples.** Glass containers (i.e., VOA bottles) shall be used to take water samples. Other sampling arrangements shall be approved in advance by HMD on a case by case basis. **The owner or his agent shall be responsible for making alternative arrangements in advance with HMD.** Soil sampling personnel shall be on site at the time of the tank removal.

Identify who will perform soil sampling:

Person/Company Name	Address	Phone Number
Steve Dalton / Kleinfelder	3077 Fite Circle Sacramento, CA	916-366-1701

Identify analytical laboratory:

Laboratory	Address	Phone number
CLS	3249 Fitzgerald Rd. Rancho Cordova, CA 95742	638-7301

SOIL SAMPLE ANALYSES, QUALITY CONTROL DATA, SAMPLING PLOT MAP, AND SAMPLE CHAIN OF CUSTODY SHALL BE DELIVERED TO HMD WITHIN 30 DAYS OF SAMPLING.

Estimate date for sample results submittal:

Section III. **REQUIREMENTS AND LIMITATIONS**

Issuance of Authority to Remove is subject to compliance with the requirements listed below, approval by field inspection, and adherence to testing protocols. The following is based on applicable sections of the Uniform Fire Code, the California Code of Regulations, and the California Health and Safety Code. **All requirements must be observed.**

_____ 1. Provide a minimum of 2 fire extinguisher(s) with a minimum class rating of 20BC within 50 feet of the removal operation.

_____ 2. **THERE SHALL BE NO SMOKING ON THE JOB SITE, AND "NO SMOKING" SIGNS SHALL BE POSTED.** There shall be no welding or other ignition sources in the area during the removal operation. (7901.10, 7902.1.3, & 7902.1.4. UFC)

_____ 3. **ALL RESIDUAL LIQUID, SOLIDS, AND SLUDGE SHALL BE REMOVED AND HANDLED PURSUANT TO THE APPROPRIATE PROVISIONS OF DIVISION 20, CHAPTER 6.5 OF THE HEALTH AND SAFETY CODE. IF THESE PROVISIONS ARE NOT MET, THE TANKS MUST BE HANDLED AND TRANSPORTED AS HAZARDOUS WASTE.**

_____ 4. Remove all flammable liquid from the tank using the system pumps and a hand pump or other device to remove any remaining product. Remove all flammable liquids from the system piping, including the foot valve risers on suction systems. Avoid spilling product into the tank and piping excavation.

_____ 5. All tanks shall be triple rinsed to remove residual sludge and debris. The rinsate shall be collected, handled, transported, and disposed of pursuant to applicable sections of Division 20, Chapter 6.5 of the Health and Safety Code. Any variation is subject to approval by HMD.

_____ 6. After triple rinsing, all tanks shall be temporarily purged of flammable vapors with solid carbon dioxide ("dry ice") at a ratio of 2 pounds dry ice per 100 gallons of tank capacity. Dry ice shall be deposited in all appropriate tank openings at least 1.5 hours prior to tank removal to insure sufficient purging and venting. Using more than 2 pounds of dry ice per 100 gallons of tank capacity is recommended to purge vapors from tanks of 5,000 gallons or more in capacity. Alternative purging methods are subject to approval by local authorities (i.e., the fire protection district). Only dry ice shall be used to purge vapors for preparing tanks prior to off-site transport.

_____ 7. Remove all existing piping from the tank. After exposing the top of the tank, a PVC (preferably), or metal vent pipe (with a non sparking connector) shall be installed on each tank. The top of the pipe shall extend at least 2 feet above the breathing zones of tank workers and shall direct tank vapors away from any ignition sources. The vent riser shall be removed prior to tank removal and replaced with a plug having a 1/4" diameter hole to vent additional fumes generated during transport. All other holes and openings shall be plugged with threaded or fixed expansion plugs that will remain in place during tank transport.

_____ 8. Immediately prior to tank removal the lower explosive limit (LEL) and oxygen (O2) levels inside the tank shall be measured with a metering device designed and calibrated to accurately assess those indicators. The measurement shall be witnessed by the on site local agency representative(s). Both the LEL and O2 levels shall be no higher than 10% inside the tank. Removing a tank with LEL and/or O2 levels above 10% shall be at the discretion of the on site local authority representative. It is the responsibility of the tank owner, operator, or removal contractor to provide, calibrate, and properly operate the monitoring device.

_____ 9. **ON SITE CUTTING OF TANKS IS PROHIBITED**. Any deviations from this policy (i.e., cutting into tanks containing cement, sand, gravel, etc.) shall be coordinated with, and approved in advance by, HMD and the local fire protection district. A written proposal for onsite tank cutting must be submitted to HMD and the local fire protection district prior to any cutting. The contractor or his designated representative is responsible for coordinating the approval process. No "hot cutting" shall be allowed under any circumstances.

_____ 10. The Underwriters Laboratories (U.L.) tags shall be removed from all tanks and given to the HMD or local fire representative on site.

_____ 11. All excavated soil shall be stock piled on impervious material directly adjacent to or in the immediate vicinity of the tank excavation.

_____ 12. All soil appearing to be contaminated with petroleum hydrocarbons or similar contaminants shall be stored separately from soil not appearing to be contaminated, should site conditions permit. All contaminated soils shall be covered with a material impervious to inclement weather, and shall be handled, transported and disposed of pursuant to applicable sections of the Health & Safety Code. Contaminated soil may be remediated on site with prior approval from HMD.

_____ 13. If the excavation is not immediately filled in, a secure fence must be installed around its perimeter.

_____ 14. After the tank removal, the following information must be submitted to HMD:

- Rinsate manifest (unless rinsing requirement waived by HMD representative);
- Tank disposal certificate;
- Site map to scale with sample locations and identification;
- Complete analytical results, including chain-of-custody and laboratory quality assurance and control sheets. Preliminary results are not acceptable.
- Documentation of stockpile quantity and disposition.

Upon receipt of the above documentation, and assuming no contamination problem exists, a "No Further Action" letter will be issued by HMD.

I have read, understand and will adhere to the requirements of this application. I further understand that failure to comply with requirements of this application may result in civil penalties of not less than $500.00 per day and not more than $5,000.00 per day. (Sec.25299CH&SC)

Peter B. Maloney Proj. Mngr.

OWNER/AGENT NAME (*Printed & Signature*)

7-28-04 707-974-6436

DATE PHONE NUMBER

APPLICATION FOR THE AUTHORITY TO REMOVE UNDERGROUND STORAGE TANKS

Field Inspector _____ Permit # _____ Date 8/3/04

Site Address 3600 Airport Apparent evidence of contamination? ☑ Yes ☐ No

Were tank(s) rinsed? ☑ Yes ☐ No Disposition of rinsate: Sims Metal

Fremont Env.

N ↑

See attached

1- 500 gal., Product gas
Oxygen 18 L.E.L. 0 U.L. # _____
Samples T2-6

North tank - T2 @ 6 ft.

2- 200 gal., Product gas
Oxygen 0 L.E.L. 0 U.L. # _____
Samples T1-5

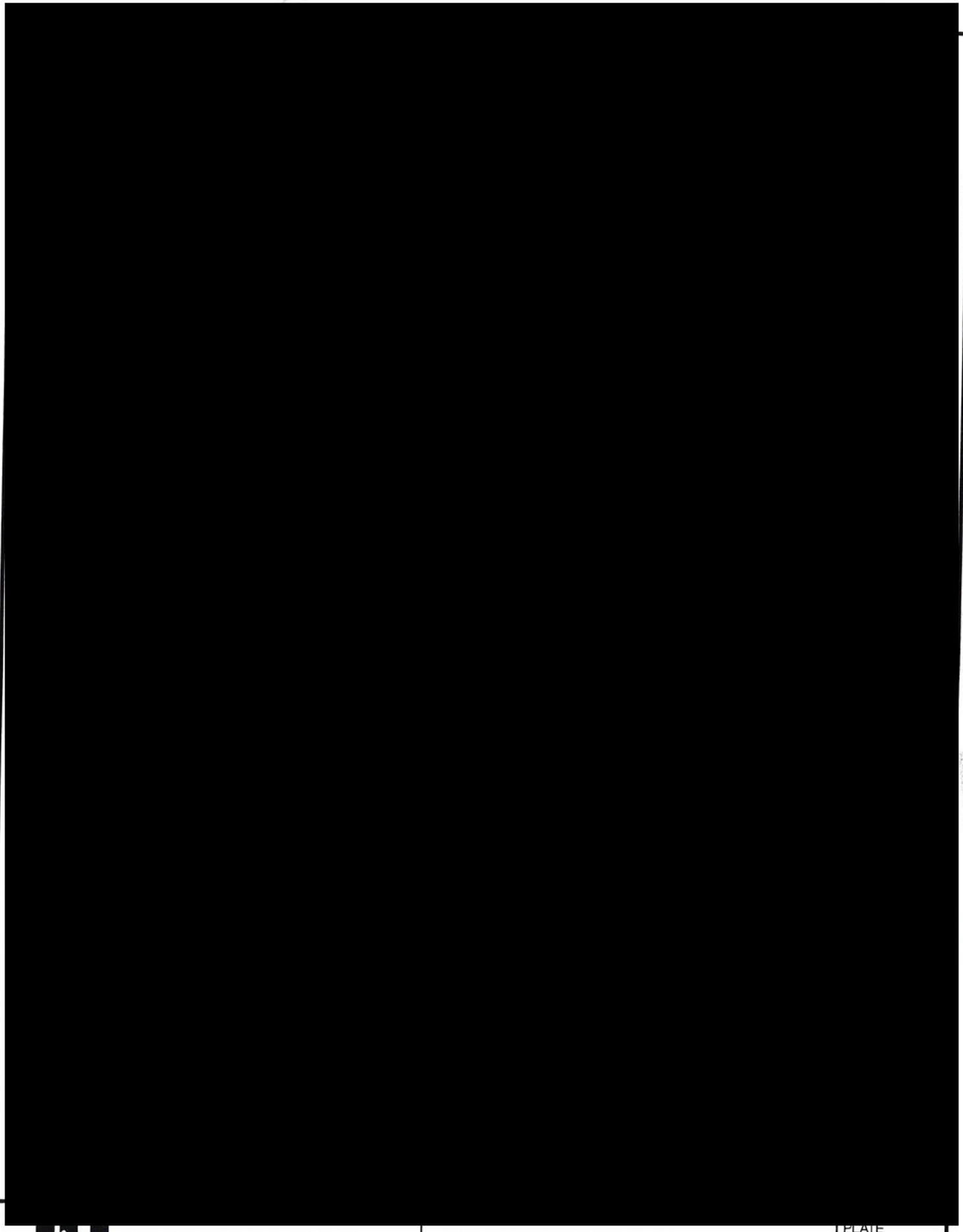
south tank - T1 @ 5ft

3- _____ gal., Product _____
Oxygen _____ L.E.L. _____ U.L. # _____
Samples _____

4- _____ gal., Product _____
Oxygen _____ L.E.L. _____ U.L. # _____
Samples _____

5- _____ gal., Product _____
Oxygen _____ L.E.L. _____ U.L. # _____
Samples _____

6- _____ gal., Product _____
Oxygen _____ L.E.L. _____ U.L. # _____
Samples _____



KLEINFELDER

GEOPROBE BORING LOCATION MAP

3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
2

Drawn By: D. Shelhart
Project No. 34352-003

Date: 11-20-2003
Filename: 2856f.fh10

KLEINFELDER
An employee owned company

April 13, 2005
File: 47359-2

Mr. Barry Marcus
Sacramento County
Environmental Management Department - Hazardous Materials
8475 Jackson Road, Suite 230/240
Sacramento, CA 95826-3904

Subject: Monitoring Well Installation and Domestic Well Sampling Report
3590 and 3600 Airport Road
Sacramento, California

Dear Mr. Marcus:

Attached is the report describing the installation of six monitoring wells at 3590 and 3600 Airport Road in Sacramento, California. The site is identified by Sacramento County Environmental Management Department as Local Oversight Program Site No. G042. Two wells were installed at 3590 Airport Road, and four wells were installed at 3600 Airport Road. The objective was to install a well network capable of evaluating the groundwater gradient/direction and potential concentrations of petroleum hydrocarbons in the groundwater in the vicinity of two removed underground storage tanks (USTs). At the time of this report the monitoring wells were dry due to nearby dewatering activities; therefore, groundwater level measurements and sampling were not possible.

Included in the report are the analytical results from the sampling of the Sing domestic well (3590 Airport Road). The Sing domestic well is located approximately 40 feet south of the former southern UST (T1). At your request, the Sing domestic well has been added to the quarterly groundwater sampling schedule for the site. If you have any questions or need additional information, please do not hesitate to call us.

Sincerely,

KLEINFELDER, INC.

Steven C. Dalton
Staff Geologist

Eric S. Findlay, P.G.
Senior Geologist

SCD:ESF:aak

cc: Ms. Carol Hill
Beazer Homes
3721 Douglas Boulevard, Suite. 100
Roseville, California 95661

47359-2/SAC5R263

KLEINFELDER
An employee owned company

April 13, 2005
File: 47359-2

Ms. Carol Hill
Beazer Homes
3721 Douglas Boulevard, Suite 100
Roseville, California 95661

Subject: **Monitoring Well Installation and Domestic Well Sampling Report**
3600 Airport Road
Sacramento, California

Dear Ms. Hill:

This is the report describing the installation of six monitoring wells at 3590 and 3600 Airport Road in Sacramento, California (Plate 1). The objective was to install a well network capable of evaluating the groundwater gradient/direction and potential concentrations of petroleum hydrocarbons in the groundwater in the vicinity of two removed underground storage tanks (USTs). At the time of this report the monitoring wells were dry due to nearby dewatering activities; therefore, groundwater level measurements and sampling were not possible. Included in the report are the analytical results from the sampling of the Sing domestic well (3590 Airport Road). The Sing domestic well is located approximately 40 feet south of the former southern UST (T1).

BACKGROUND

In August 2003, Kleinfelder was retained by Beazer Homes to conduct a Phase I Environmental Site Assessment (ESA) at the Machado Ranch property located at 3600 Airport Road. The results of the Phase I ESA indicated several recognized environmental concerns including the presence of two 500-gallon gasoline USTs. The southern tank (T1) was located near the central area of the south property line boundary, of 3600 and 3590 Airport Road. The top of the tank was exposed at the ground surface. The tank was constructed of steel and had a metal tag that was labeled "Gasoline." Based on the size of the cement pad constructed over the tank, the curvature of the exposed tank, and a discussion with Mr. Machado, the capacity/size of the tank was estimated to be approximately 500 gallons. Mr. Machado indicated that the tank had not been used since 1974. The northern tank (T2) was located south of the house and detached garage on the Machado Ranch property. Based on information provided by Mr. Machado, the capacity/size of the UST was approximately 500 gallons and was last used for fueling operations in 1994. Plate 2 shows the location of the two tanks.

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In August and November 2003, Kleinfelder conducted soil and groundwater investigations to address the recognized environmental concerns from the Phase I ESA. Samples from 24 Geoprobe borings (GB-1 through GB-24) were collected and analyzed. The results of the investigations indicated that the USTs were the source of petroleum hydrocarbons detected in soil and groundwater in the vicinity of the tanks. Based on the presence of the USTs and the soil and groundwater impact associated with the USTs, the County of Sacramento Environmental Management Department (CSEMD) assumed the role as the lead regulatory agency for the site. The site is designated as Local Oversight Program Site No. G042.

In July 2004, Beazer Homes requested Kleinfelder prepare a work plan for implementing the removal of the UST and for further evaluating the extent of soil and shallow groundwater impact associated with the two USTs. Kleinfelder prepared and submitted a work plan, dated July 29, 2004, to Beazer Homes and the CSEMD for review and comment. In a letter, dated August 2, 2004, Mr. Barry Marcus of the CSEMD commented on the work plan and requested additional items be added to the scope of work. Kleinfelder prepared and submitted a revised work plan dated August 10, 2004, which included the additional requested items. In a letter, dated September 8, 2004, Mr. Marcus approved of the revised work plan.

From August through September 2004 Kleinfelder retained and oversaw the services of qualified and licensed contractors to remove the two USTs, perform overexcavation activities, transport and dispose of impacted soil, and import clean soil and backfill the excavations. As required by CSEMD, Kleinfelder collected confirmation soil and water samples from the two excavations and from 17 Geoprobe borings advanced in the vicinity of the two excavations. Petroleum hydrocarbons were detected in various groundwater samples and soil samples above groundwater. However, analytical results from seven soil samples collected below impacted groundwater did not have detectable concentrations of petroleum hydrocarbons. This suggested that the vertical extent of impact may be limited to the bottom of the shallow groundwater zone (approximately 19 to 21 feet below ground surface - bgs). The results were presented in Kleinfelder's "Two 500-Gallon Gasoline UST Removals and Additional Geoprobe Soil and Groundwater Assessment" report dated October 24, 2004.

Following a review of preliminary analytical results, Kleinfelder and Beazer Homes met with Mr. Barry Marcus of the CSEMD who recommended the installation of six of the nine groundwater monitoring wells outlined in Task 3 of Kleinfelder's work plan, dated August 10, 2004. The three remaining wells locations are within the future roadway of Tanzanite Way; therefore, the wells will not be installed until the expansion of Tanzanite Way is completed.

PRE-FIELD ACTIVITIES

The CSEMD requires approval of monitoring well permit applications prior to advancing borings into groundwater and installing monitoring wells. Kleinfelder prepared and submitted permit applications to CSEMD along with the required fees. Copies of the approved permits are included in Appendix A.

Prior to advancing the borings, Kleinfelder conducted a site visit to evaluate drill rig access and mark boring/well locations with white paint. Kleinfelder and the drilling contractor contacted Underground Service Alert (USA) at least 48 hours prior to conducting field work to notify local utilities of our subsurface assessment.

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FIELD ACTIVITIES

Drilling

On October 11 and 12, 2004, five borings were advanced at the site and monitoring wells MW-1 through MW-5 were installed in the borings. Kleinfelder retained the services of Spectrum Exploration of Stockton, California to advance the borings and install the wells. Spectrum is a California C-57 licensed well driller. The borings were advanced using a truck-mounted drill rig (CME-75) equipped with 8-inch hollow stem augers to depths of 26 feet below ground surface (bgs) for MW-1 through MW-4 and 31 feet bgs for MW-5. Monitoring well locations are shown on Plates 2 and 3.

Due to overhead utilities the sixth well (MW-6) could not be advanced with the truck-mounted drill rig. Therefore, on December 20, 2004, Kleinfelder retained the services of a Gregg Drilling of Martinez to advance the boring and install monitoring well MW-6 using a limited access rig. Gregg Drilling is a California C-57 licensed well driller. The boring was advanced using a small track-mounted drill rig (MARL M-5 Rino) equipped with 8-inch hollow stem augers to a depth of 30 feet bgs. The location is shown on Plates 2 and 3.

While advancing the borings, Steve Dalton and Ryan Padget (Kleinfelder environmental geologists) logged and classified the soil, and collected soil samples for laboratory analysis. Soil samples were collected at 5-foot intervals starting at a depth of 10 feet bgs (15 feet bgs in MW-3). The soil samples were collected using a split-spoon sampler lined with clean brass tubes. Once the sample was brought to the surface, the desired interval was obtained, and the ends of the tubing were sealed with Teflon tape and plastic caps. The soil sample containers were labeled and placed in an iced cooler, pending transfer to the laboratory for analysis. Kleinfelder sample data sheets, summarizing the samples collected are included in Appendix B.

In general, the soil consisted of very stiff to hard, dark brown silty clay/clayey silt from the ground surface to approximately 2.5 feet bgs. Below this was a sandy silt with some clay to approximately 16 feet bgs. The boring for MW-3 was advanced through the former excavation associated with the northern tank (T2); therefore backfill soil was encountered to a depth of approximately 16 feet bgs in this borings. From approximately 16 to 20 feet bgs was a weakly cemented silty sand. Below the sand was a weakly to moderately cemented clayey silt. A copy of the Unified Soil Classification System used to classify the soil is shown on Plate 4. A log key is provided on Plate 5. Descriptions of the soil encountered in each boring and identification of the sampling intervals are presented in Plates 6 through 11. Groundwater was initially encountered in the six borings in the silty sand at a depth of approximately 17 feet bgs.

A photoionization detector (PID) was used to provide a qualitative screening of the bottom of each soil sampling interval collected from the borings. The PID measures ionizable compounds in the air in parts per million by volume (ppmv). A single PID reading of 519 ppmv was observed in MW-3 in the sample from 20 to 21 feet bgs and decreased to 0 ppmv in the sample from 25 to 26 feet bgs. An odor was observed in the same sample where the PID reading was present. PID results were recorded on the boring logs (Plates 6 through 11).

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To reduce the potential for cross-contamination between the borings, augers and sampling equipment were steam cleaned prior to advancing each boring. The steam cleaning water was transferred into a 55-gallon drum, which was labeled and left at the site.

Monitoring Well Installations

The borings were converted to monitoring wells upon completion of the drilling and sampling. A single 2-inch diameter well was installed in each of the six borings. The well screen intervals were selected based on the depth to water observed in the southern UST excavation (August 2004), the 41 Geoprobe borings (August 2003 to August 2004), and groundwater observed while drilling the borings (October 11 and 12, 2004 and December 20, 2004). Water was observed in the excavation and Geoprobe borings at approximately 18 feet bgs. The wells were constructed with schedule-40 polyvinyl chloride (PVC) casing with flush-threaded joints. A 0.020-inch factory machine slotted well screen was used for each well. In MW-1 through MW-4, 10 feet of screen were installed from approximately 15 feet to 25 feet bgs. In MW-5 and MW-6, 15 feet of screen were installed from approximately 15 feet to 30 feet bgs. A #3 Lonestar sand pack was placed in the annulus between the well screen and the soil boring wall. The sand pack extended from the bottom of each boring/screen to approximately 2 to 2.5 feet above the top of the well screen. Approximately 2 to 4 feet of hydrated bentonite clay chips were placed above the sand pack. The remaining well annulus was filled with a neat cement grout. The well-head completions consisted of flush-mount vaults. A wing nut well cap was used to secure and seal the top of each well casing. Locks were used to secure the wells. A representative of the CSEMD observed and approved of the grouting method and well-head completions. Well construction details are shown in Plates 6 through 11 and are summarized in Table 1.

Well Development, Groundwater Level Measurements, and Sampling

On January 5, 2005, Kleinfelder mobilized to the site to develop the wells. An attempt was made to measure the depth to groundwater in the six monitoring wells with a conductivity-based water level indicator; however, water was not present in the wells to a depth of approximately 30 feet bgs. Kleinfelder returned to the site on January 10, 2005, and the wells were "dry" to a depth of approximately 30 feet bgs. At the time of this report, the wells have not been developed or sampled. Based on discussions with the Regional Water Quality Control Board (RWQCB), it is Kleinfelder's understanding that monitoring wells located west of the site have also gone dry to at least 30 feet bgs, likely due to nearby dewatering activities approximately 1,000 to 1,500 feet south of the site. The depth-to-groundwater measurements are presented in Table 2.

Well Survey

Kleinfelder retained the services of Morrow Surveying to obtain the longitude, latitude, and top of casing elevations. Morrow Surveying is a California State licensed surveyor. On March 17, 2005 the wells were surveyed to an accuracy of 1 foot for horizontal coordinates and 0.01 foot for elevations. The wells were surveyed in accordance with the State Water Resources Control Board UST Program – AB2886 (Electronic Reporting) regulations. The well survey data are included in Appendix C and are summarized in Table 1.

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DOMESTIC WELL SAMPLING

A domestic well supplies water to the residence located at 3590 Airport Road, which is south of the subject property. The well (DW-Sing) was located approximately 40 feet south of the former southern UST (T1) in an enclosed wooden pump house (Plates 2 and 3). On January 10, 2005, Brian Honea (Kleinfelder environmental technician) collected a water sample from the domestic well.

Water from the well is pumped into a pressure storage tank located adjacent to the well. Kleinfelder typically collects well water samples from the associated tank. However, the valve on the tank appeared to be rusted and may not have closed properly once opened. Therefore, Kleinfelder collected a water sample from the closest water spigot to the well (approximately 5 feet west of the tank and well). Prior to collecting the water sample, Kleinfelder opened the water spigot valve to remove stagnant water from the piping and replace it with water from the well/tank. The valve was opened for approximately 5 minutes, allowing water to purge to the ground surface. The purge rate was approximately 5 gallons per minute; therefore, approximately 25 gallons were purged. During the 5 minute purge the well pump cycled. Kleinfelder then collected the water sample DWSing-05Q1 by filled the sample bottles. The sample bottles were labeled and placed into an iced cooler pending transportation to the analytical laboratory under chain-of-custody protocols.

LABORATORY ANALYSIS

Seven soil samples and one groundwater sample were submitted for analysis. One soil sample from each of the borings MW-1 through MW-5 and two soil samples from MW-6 were submitted for analysis, totaling seven soil samples. The submitted soil samples were from depths below the shallow groundwater, with the exception of a shallow sample collected from approximately 10 feet bgs in MW-6. The objective of analyzing soil samples below the groundwater zone was to evaluate the vertical extent of petroleum hydrocarbons. The objective of analyzing the shallow sample from MW-6 was to evaluate the soil for petroleum hydrocarbons within 10 feet of existing grade. It is Kleinfelder's understanding that this is the maximum depth that utilities will be placed during the future expansion of Tanzanite Way.

The eight samples were transported under chain-of-custody documentation and were submitted to California Laboratory Services (CLS) in Rancho Cordova, California. CLS is accredited by the State of California for the analyses performed. The samples were analyzed for the following constituents:

- Total petroleum hydrocarbons (TPH) extractable as diesel and motor oil,
- TPH purgeable as gasoline,
- Benzene, toluene, ethylbenzene, and xylenes (BTEX),
- Five fuel oxygenates (MTBE, ETBE, TAME, TBA, and DIPE),
- Fuel additive (1,2-DCA), and
- Total Lead

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FINDINGS

Analytical results are presented in Table 3. Copies of analytical laboratory reports and chain-of-custody forms are included in Appendix D.

Soil Borings

- Petroleum hydrocarbons were not detected above laboratory reporting limits in the soil samples from MW-1 through MW-5.
- TPH extractable as diesel was detected in MW-6 at 25 mg/kg (sample ID: MW6-10.5 collected from 10-10.5 feet bgs) and at 8.5 mg/kg (sample ID: MW6-30 collected from 29.5-30 feet bgs).
- Benzene was detected in MW-6 at 160 ug/kg (sample ID MW6-30 collected from 29.5-30 feet bgs). Benzene was not detected above laboratory reporting limits in the shallow soil sample collected from 10-10.5 feet bgs (sample ID: MW6-10.5).
- Total lead was detected in each of the seven soil samples at concentrations ranging from 5.6 mg/kg to 11 mg/kg.

Domestic Well

Petroleum hydrocarbons and total lead were not detected above laboratory reporting limits in the Sing domestic well (sample ID: DWSing-05Q1).

CONCLUSIONS

The sources of the petroleum hydrocarbons detected in the soil and groundwater have been mitigated with the removal of the two 500-gallon gasoline USTs and the majority of impacted soil surrounding the USTs.

Petroleum hydrocarbons were not detected above laboratory reporting limits in the soil samples collected from borings MW-1 through MW-5 and below the shallow/first encountered groundwater zone. This suggests that the vertical extent of impact may not extend below the bottom of the groundwater zone (approximately 20 feet bgs) at these locations. In MW-6, TPH extractable as diesel was detected at 25 mg/kg in the sample collected from 10-10.5 feet bgs, and reduced to 8.5 mg/kg in the sample collected from 29.5-30 feet bgs. Therefore, TPH extractable as diesel concentrations in the soil appear to decrease with depth at this location. Based on similar projects, these concentrations are low and would not warrant removal or mitigation. In MW-6, benzene was not detected above laboratory reporting limits in the shallow sample collected from 10-10.5 feet bgs, but was detected at 160 ug/kg in the sample collected from 29.5-30 feet bgs, PID readings and odor were not observed in the sample containing benzene. Total lead was detected in each of the samples from the six borings at concentrations typical of background concentrations for the surrounding area.

Although the soil is impacted with TPH extractable as diesel and benzene to at least 30 feet bgs on the property located south of the site at 3590 Airport Road, the domestic groundwater supply well (DW-Sing) does not appear to be impacted. Kleinfelder has sampled the well on three occasions (November 2003, August 2004, and January 2005). With the exception of TPH extractable as motor oil detected at 0.053 mg/L detected in August 2004, the samples did not have detectable concentrations for the constituents analyzed for. Kleinfelder interviewed the

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property owner (Mr. Sing) concerning the domestic well construction details. Mr. Sing indicated that the well was present before he bought the property in the mid 1950s and that he had no knowledge of the well's construction details. Additionally, Kleinfelder contacted the Department of Water Resources (DWR) to inquire if a well log was on file. DWR indicated that address 3590 Airport Road did not have a well log on file. The well construction details for the well are unknown; therefore, it is not clear if the first encountered groundwater is being utilized for supplying water to the residence. However, based on nearby dewatering activities lowering the depth of the shallow/first encountered groundwater and the fact that the domestic well has not gone dry, the domestic well is likely screened (at least partially or entirely) below the shallow/first encountered groundwater. Kleinfelder will continue to sample the domestic well on a quarterly basis.

The Sing domestic well, along with the monitoring wells, were scheduled to be sampled during fourth quarter 2004. However, due to the lack of groundwater, the wells were not sampled during fourth quarter 2004. The Sing domestic well was sampled within 10 days of the end of fourth quarter 2004, on January 10, 2005. The results should closely represent the results expected during fourth quarter 2004.

One of the objectives of the work that has been performed at the site is to provide sufficient documentation in support of obtaining closure of the site. Quarterly groundwater monitoring data will be used to evaluate the rate of natural attenuation and the projected date that the groundwater will reach acceptable levels for no further required action. Due to nearby dewatering activities approximately 1,000 to 1,500 feet south of the site, an evaluation of the groundwater conditions was not possible. Based on discussions with the RWQCB, the dewatering activities is permitted and expected to continue throughout the remainder of 2005. Kleinfelder will continue to make an effort to measure groundwater levels in the monitoring wells on a quarterly basis. If sufficient water is present, the wells will be developed, purged, and sampled. The data will be used to evaluate concentration trends and variations in groundwater gradient and direction. Quarterly monitoring will be required by the CSEMD until a "no further action" letter is issued. The first quarter 2005 monitoring event was performed on March 17, 2005. The results of the March 2005 event will be presented in a separate report.

In accordance with the SWRCB UST Program – AB2886 (Electronic Reporting) regulations, Kleinfelder electronically submitted all required data for the activities performed to date. A copy of this report should has been submitted to the CSEMD for review and comment.

LIMITATIONS

This report was prepared in general accordance with accepted standards of care which exist in Northern California at the time the investigation was performed. The scope of work was limited to installing six groundwater monitoring wells, sampling a domestic well, and analyzing soil and groundwater samples. It should be recognized that definition and evaluation of subsurface conditions are difficult. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present. The conclusions of this assessment are based on field observations obtained during the time of drilling and laboratory analytical results. More extensive studies may further reduce the uncertainties associated with this assessment. Kleinfelder should be notified for additional consultation if the client wishes to reduce the uncertainties beyond the level associated with this report. No warranty, expressed or implied, is made.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. Although risk can never be eliminated, more detailed and extensive investigations yield more information, which may help understand and manage the level of risk.

KLEINFELDER 3077 Fite Circle, Sacramento, CA 95827-1815 (916) 366-1701 (916) 366-7013 fax

Since detailed investigation and analysis involves greater expense, our clients participate in determining levels of service which provide adequate information for their purposes at acceptable levels of risk.

If you have any questions or need additional information, please contact us at (916) 366-1701.
Sincerely,

KLEINFELDER, INC.

Steven C. Dalton
Staff Geologist

Eric S. Findlay, P.G.
Senior Geologist

SCD:ESF:aak

PLATES

Plate 1 Site Location Map
Plate 2 Site Map
Plate 3 Monitoring Well Location Map
Plate 4 Unified Soil Classification System
Plate 5 Log Key
Plate 6 Log of Boring MW-1
Plate 7 Log of Boring MW-2
Plate 8 Log of Boring MW-3
Plate 9 Log of Boring MW-4
Plate 10 Log of Boring MW-5
Plate 11 Log of Boring MW-6

TABLES

Table 1 Monitoring Well Construction Details
Table 2 Depth to Groundwater and Groundwater Elevations
Table 3 Summary of Analytical Results (Soil)
Table 4 Summary of Analytical Results (Groundwater)

APPENDICES

A County of Sacramento Environmental Management Department Well Permits
B Kleinfelder Sample Data Sheets
C Well Survey Data
D Laboratory Analytical Reports and Chain-of-Custody Forms

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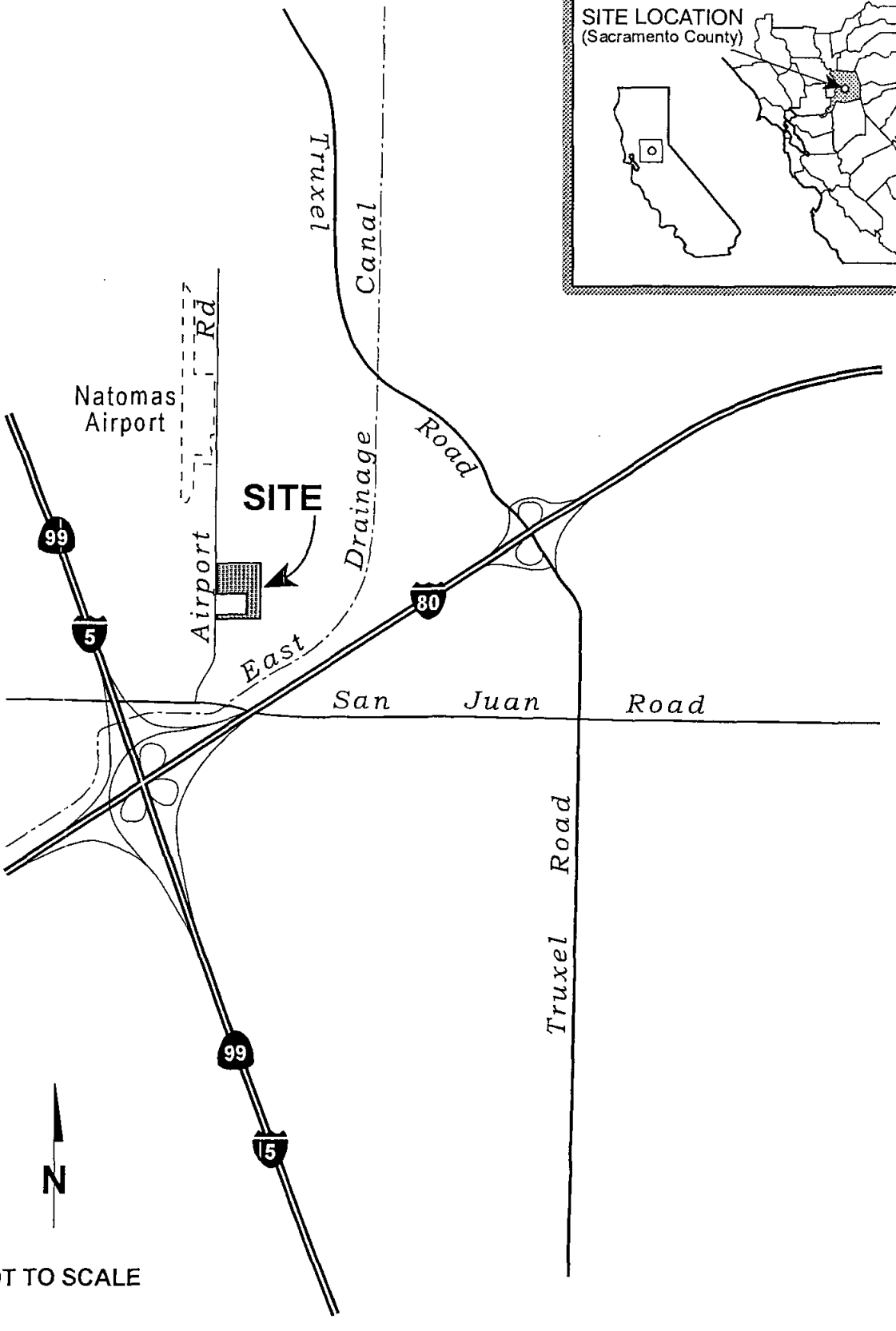


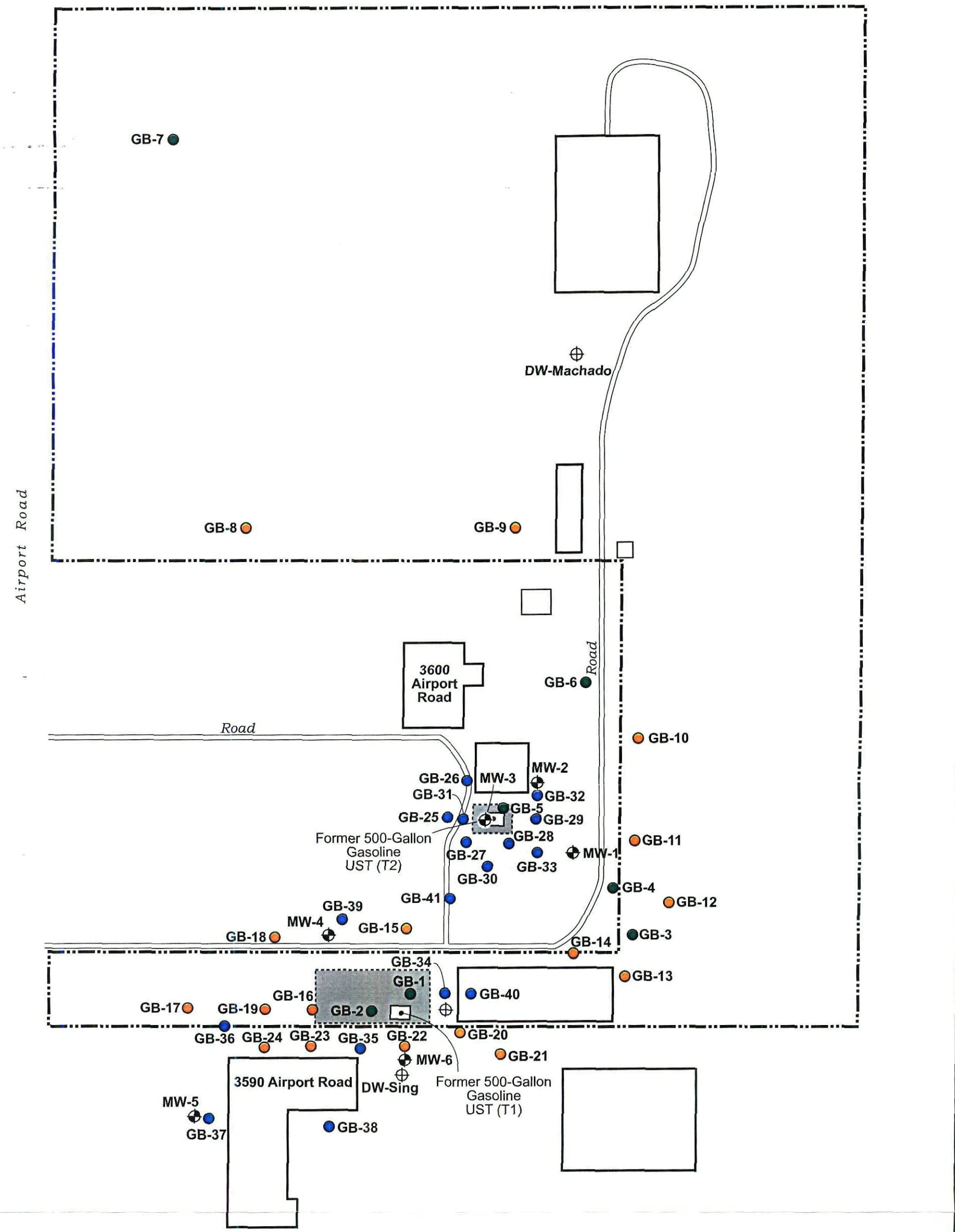
KLEINFELDER

Drawn By: D. Shelhart	Date: 7-28-2004
Project No. 47359-002	Filename: 2856g.fh10

SITE LOCATION MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1



EXPLANATION

- Property Boundary
- MW-1 — Monitoring Well
- Domestic Well
- GB-1 — August 2003 Geoprobe Boring Locations (GB-1 through GB-7)
- GB-8 — November 2003 Geoprobe Boring Locations (GB-8 through GB-24)
- GB-25 — August 2004 Geoprobe Boring Locations (GB-25 through GB-41)
- Approximate Excavation Boundaries

APPROXIMATE SCALE: 1-inch = 70-feet

0 70 140

KLEINFELDER

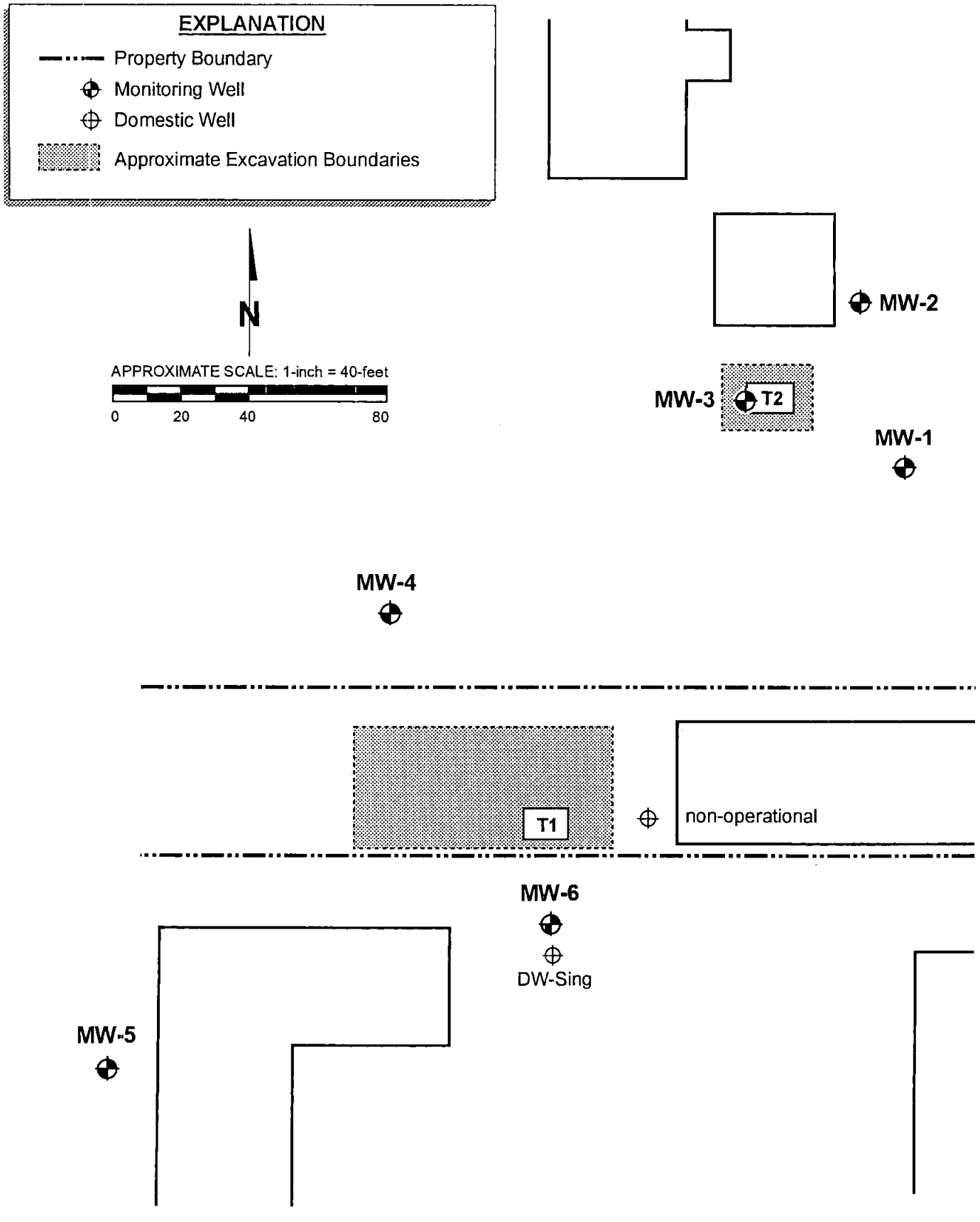
Drawn By: D. Shelhart
Project No. 47359-002

Date: 9-16-2004
Filename: 2856i2.fh10

SITE MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 2



KLEINFELDER

Drawn By: D. Anderson
Project No. 47359-002

Date: 3-16-2005
Filename: 2856n2.fh10

MONITORING WELL LOCATION MAP

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			USCS SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS (More than half of material is larger than the #200 sieve)	GRAVELS (More than half of coarse fraction is larger than the #4 sieve)	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
			GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
		GRAVELS WITH OVER 12% FINES	GM	SILTY GRAVELS, GRAVEL-SILT-SAND MIXTURES
			GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	SANDS (More than half of coarse fraction is smaller than the #4 sieve)	CLEAN SANDS WITH LITTLE OR NO FINES	SW	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
			SP	POORLY-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
		SANDS WITH OVER 12% FINES	SM	SILTY SANDS, SAND-GRAVEL-SILT MIXTURES
			SC	CLAYEY SANDS, SAND-GRAVEL-CLAY MIXTURES
FINE GRAINED SOILS (More than half of material is smaller than the #200 sieve)	SILTS AND CLAYS (Liquid limit less than 50)		ML	INORGANIC SILTS & VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, CLAYEY SILTS WITH SLIGHT PLASTICITY
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
			OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS (Liquid limit greater than 50)		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILT
			CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			OH	ORGANIC CLAYS & ORGANIC SILTS OF MEDIUM-TO-HIGH PLASTICITY
HIGHLY ORGANIC SOILS			PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENT

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

UNIFIED SOIL CLASSIFICATION SYSTEM

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 4

KA-USCS 47359.GPJ 3/30/05

LOG SYMBOLS

	BULK / BAG SAMPLE	-4	PERCENT FINER THAN THE NO. 4 SIEVE (ASTM Test Method C 136)
	MODIFIED CALIFORNIA SAMPLER (2-1/2 inch outside diameter)	-200	PERCENT FINER THAN THE NO. 200 SIEVE (ASTM Test Method C 117)
	CALIFORNIA SAMPLER (3 inch outside diameter)	LL	LIQUID LIMIT (ASTM Test Method D 4318)
	STANDARD PENETRATION SPLIT SPOON SAMPLER (2 inch outside diameter)	PI	PLASTICITY INDEX (ASTM Test Method D 4318)
	GEOPROBE	EI	EXPANSION INDEX (UBC STANDARD 29-2)
	ROCK CORE	COL	COLLAPSE POTENTIAL
	WATER LEVEL (level where first encountered)	UC	UNCONFINED COMPRESSION (ASTM Test Method D 2166)
	WATER LEVEL (level after completion)		
	SEEPAGE	MC	MOISTURE CONTENT (ASTM Test Method D 2216)

GENERAL NOTES

1. *Lines separating strata on the logs represent approximate boundaries only. Actual transitions may be gradual.*

2. *No warranty is provided as to the continuity of soil conditions between individual sample locations.*

3. *Logs represent general soil conditions observed at the point of exploration on the date indicated.*

4. *In general, Unified Soil Classification System designations presented on the logs were evaluated by visual methods only. Therefore, actual designations (based on laboratory tests) may vary.*

KLEINFELDER	LOG KEY MACHADO RANCH 3600 AIRPORT ROAD SACRAMENTO, CALIFORNIA	PLATE 5
Drafted By: D. Ross Date: 3/30/2005	Project No.: 47359/2 File Number: 47359	

LOG_KEY_ENV 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 17 feet below existing site grade and finally at a depth of 23 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	Sample Type	Sample No.	FIELD Blows/ft	FIELD PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						**Sandy SILT** (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10			35	0		some clay, minor iron oxidation	
15			21	0		**Silty SAND** (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20			21	0		**Clayey SILT** (ML): Gray-brown, moist, hard, weakly cemented, low to moderate plasticity	
25		MW1-26	19	0		some fine sand, low plasticity Boring completed at a depth of approximately 26 feet below existing site grade.	
30							

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-1

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
6

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 18 feet below existing site grade and finally at a depth of 23 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						**Sandy SILT** (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
						Silty SAND (SM): Olive-brown, moist, medium dense, fine sand, moderately iron oxidized	
10			22	0		**Sandy SILT** (ML): Light brown, moist, hard, weakly cemented, fine sand, low plasticity, some iron oxidation	
15			18	0		**Silty SAND** (SM): Olive-brown, very moist/wet, medium dense, fine sand, some iron oxidation	
						Sandy Clayey SILT (ML): Light to olive-brown, moist, very stiff, low plasticity, fine sand, trace white caliche stringers, some iron oxidation	
20			16	0			
25		MW2-26	19	0		olive-brown, slightly increased sand content, decreasing clay	
						Boring completed at a depth of approximately 26 feet below existing site grade.	
30							

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-2

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
7

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 19 feet below existing site grade and finally at a depth of 24-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
0						**Clayey SILT/Sandy SILT** (ML): Light brown, moist, medium stiff, fine sand, low plasticity (FILL)	
						BACKFILL SOIL (UST Excavation)	
5							
10							
15							
20			30	519		**Silty SAND** (SM): Gray-green, very moist to wet, dense, fine sand, weakly cemented, hydrocarbon odor present	
						Sandy SILT (ML): Gray-green, moist, hard, weakly cemented, some white caliche stringers, hydrocarbon odor present	
25		MW3-26	29	0		**Clayey SILT** (ML): Brown, moist, very stiff to hard, trace fine sand, moderately iron oxidized	
30						Boring completed at a depth of approximately 26 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005

Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-3

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
8

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 18 feet below existing site grade and finally at a depth of 23-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/11/2004

Logged By: S. Dalton

Total Depth: 26 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
0						**Clayey SILT/Silty CLAY** (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
						Sandy SILT (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
5							
10			14	0		some clay, minor iron oxidation, trace white caliche stringers	
15			15	0			
						Silty SAND (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20		MW4-21	20	0		**Clayey SILT** (ML): Gray-brown, moist, hard, weakly cemented, low to moderate plasticity	
25			27	0		no sample recovery	
30						Boring completed at a depth of approximately 26 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-4

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
9

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 17 feet below existing site grade and finally at a depth of 24-1/2 feet.

Method: Hollow Stem Auger

Equipment: CME-75 with 140lb. Automatic Hammer

Date Completed: 10/12/2004

Logged By: S. Dalton

Total Depth: 31 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Clayey SILT/Silty CLAY (ML/CL): Dark brown, slightly moist, hard, low to moderate plasticity	
5						**Sandy SILT** (ML): Light brown, slightly moist, hard, fine sand, low plasticity	
10							
15			15	0		**Silty SAND** (SM): Olive-brown, very moist to wet, medium dense, fine sand, some iron oxidation	
20			26	0		**Clayey SILT/Silty CLAY** (ML/CL): Light gray-brown, moist, hard, weakly cemented, white caliche stringers throughout, moderately iron oxidized, low to moderate plasticity	
25			21	0		**Silty SAND** (SM): Brown, wet, medium dense, fine sand, weakly cemented, minor iron oxidation	
						Clayey SILT (ML): Gray-brown, moist, very stiff, low to moderate plasticity, trace white caliche stringers	
30		MW5-31	22	0		**Silty SAND** (SM): Olive-brown, moist, medium dense, fine sand, weakly cemented	
						Boring completed at a depth of approximately 31 feet below existing site grade.	

KLEINFELDER

Drafted By: D. Ross
Date: 3/30/2005
Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-5

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
10

SAC 2004 47359.GPJ 3/30/05

Surface Conditions: Soil

Groundwater: Groundwater initially encountered at a depth of approximately 16-1/2 feet below existing site grade and finally at a depth of 28 feet.

Method: Hollow Stem Auger

Equipment: MARL M-5 RINO (Limited Access Direct Push Sample

Date Completed: 12/20/2004

Logged By: R. Padgett

Total Depth: 30 feet

Boring Diameter: 8 inch

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						Silty CLAY (CL): Dark brown to yellow-brown, moist, soft, with medium sand, moderate plasticity	
						Clayey SILT (ML): Light brown with red-brown mottling, moist, medium stiff to hard, some medium sand, low plasticity	
5				0		trace subrounded gravel to 1/2 inch diameter, iron oxide staining present	
10		MW-6-10.5		0		increasing medium sand	
						Silty CLAY (CL/CH): Olive-gray, moist, soft, moderate to high plasticity	
15				0			
						Silty SAND (SM): Brown to yellow-brown, wet, medium dense, fine to medium sand, some iron oxide staining	
20				0		**Clayey SILT** (ML): Light brown with orange mottling, moist, stiff, trace subangular fine gravel, iron oxide staining present, low plasticity	
25				0			
30		MW6-30		0		Boring completed at a depth of approximately 30 feet below existing site grade.	

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Drafted By: D. Ross
Date: 3/30/2005

Project No.: 47359/2
File Number: 47359

LOG OF BORING MW-6

MACHADO RANCH
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1 of 1
11

SAC 2004 47359.GPJ 3/30/05

Table 1
Well Construction Details
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Well Number	TOC (MSL)	TOP (MSL)	BOP (MSL)	Total Depth (BGS)	Casing Diameter	Packing Material	Screen Size (inches)
MW-1	16.29	1.29	-8.71	25.5	2 in.	# 3 sand	0.020
MW-2	16.42	1.42	-8.58	25.5	2 in.	# 3 sand	0.020
MW-3	17.15	2.15	-7.85	25.5	2 in.	# 3 sand	0.020
MW-4	16.74	2.24	-7.76	25	2 in.	# 3 sand	0.020
MW-5	17.46	2.46	-12.54	30.5	2 in.	# 3 sand	0.020
MW-6	17.32	2.82	-12.18	30	2 in.	# 3 sand	0.020

NA - Not available (wells not surveyed)

MSL - Mean Sea Level

TOC - Top of Casing, relative to local MSL.

TOP - Top of Perforation, relative to local MSL.

BOP - Bottom of Perforation, relative to local MSL.

BGS - Below Ground Surface (ft)

Table 2
Depth to Groundwater and Groundwater Elevations
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Well Location Well Casing Elevation	MW-1 16.29	MW-2 16.42	MW-3 17.15	MW-4 16.74	MW-5 17.46	MW-6 17.32
January 5, 2005						
Depth to Groundwater	Dry	Dry	Dry	Dry	Dry	Dry
Groundwater Elevation	NA	NA	NA	NA	NA	NA
January 10, 2005						
Depth to Groundwater	Dry	Dry	Dry	Dry	Dry	Dry
Groundwater Elevation	NA	NA	NA	NA	NA	NA

NA - Not available (wells not surveyed)

Groundwater elevation and well casing elevation relative to mean sea level (in feet)

Depth to water measured from the top of well casing (in feet)

Table 3
Summary of Analytical Results
Machado Ranch
3600 Airport Road
Sacramento, California
47359

Sample Location	Sample ID	Sample Matrix	Sample Depth (feet bgs)	Sample Date	TPH Diesel	TPH Motor Oil	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	5 Oxygenates	1,2-DCA	Total Lead
Soil Borings														
MW-1	MW1-26	soil	25.5-26	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	**7.4 mg/kg**
MW-2	MW2-26	soil	25.5-26	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	**9.2 mg/kg**
MW-3	MW3-26	soil	25.5-26	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	**10 mg/kg**
MW-4	MW4-21	soil	20.5-21	10/11/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	**11 mg/kg**
MW-5	MW5-31	soil	30.5-31	10/12/2004	<1.0 mg/kg	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	**9.2 mg/kg**
MW-6	MW6-10.5	soil	10-10.5	12/20/2004	**25 mg/kg**	<1.0 mg/kg	<1,000 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	**6.1 mg/kg**
	MW6-30	soil	29.5-30	12/20/200	**8.5 mg/kg**	<1.0 mg/kg	<1,000 ug/kg	**160 ug/kg**	<5.0 ug/kg	<5.0 ug/kg	<10 ug/kg	< 5.0 ug/kg (TBA < 50 ug/kg)	<5.0 ug/kg	**5.6 mg/kg**
Domestic Well														
Sing	DW-Sing	water	---	11/13/2003	< 0.050 mg/L	< 0.050 mg/L	< 50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 1.0 ug/L	< 0.50 ug/L (TBA < 5.0 ug/L)	NA	NA
Sing	DW-Sing04	water	---	8/20/2004	< 0.050 mg/L	**0.053 mg/L**	< 50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 1.0 ug/L	< 0.50 ug/L (TBA < 5.0 ug/L)	NA	< 5.0 ug/L
Sing	DWSing-05Q1	water	---	1/10/2005	< 0.050 mg/L	< 0.050 mg/L	< 50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 0.50 ug/L	< 1.0 ug/L	< 0.50 ug/L (TBA < 5.0 ug/L)	< 0.50 ug/L	< 5.0 ug/L

5 oxygenates : MTBE, ETBE, TAME, TBA, DIPE

< 0.5: laboratory reporting limit, non-detected above that limit

mg/kg : milligrams per kilogram (parts per million)

ug/L : micrograms per liter (parts per billion)

mg/L : milligrams per liter (parts per million)

ug/kg : micrograms per kilogram (parts per billion)

NA : not analyzed

bgs : below ground surface

ALL FOR INSPECTIONS B. Marcus
EH (916) 875-8422
HAZMAT(916) 875-~~3464~~ 8550 8506

WELL APPLICATION AND PERMIT FORM

IRONMENTAL MANAGEMENT DEPARTMENT
8475 JACKSON ROAD, SUITE 230/240
SACRAMENTO, CA 95826-3904

FOR OFFICE USE ONLY WUP 22180-22184 PO 1313 $30 Credit

☐ DISAPPROVED ☒ APPROVED Date Received: 7-29-04 Permit Number: 140157

☐ APPROVED WITH CONDITIONS (See attachment) Date Issued: SR Number: 12447

By: Bm Date: 8/3/04 Total Fee: 1283 Receipt Number: 110702

Grout Inspection By: Date: GPS #: Site Number: WWKG042

Actual Well Depth: Actual Grout Depth: Final Inspection By: Date:

Depth to first Water: Well Destruction Inspection By: Date:

Comments:

Inspecting Division: ☐ ENVIRONMENTAL HEALTH ☒ HAZARDOUS MATERIALS HAZBIM (1)

SITE ADDRESS: 3600 Airport Rd City: Sacramento Zip: 95834

Nearest Major Cross Street: San Juan Rd Parcel Number: 225-0150-023

Property Owner: Beazer Homes Phone Number: (916) 773-3888

Well Contractor: Spectrum Exploration License Number: 512268 Type: C-57

Contractor Address: 2365 Wigwam Drive Expiration Date 4/30/2005

City: Stockton Zip: 95205 Phone: (209) 465-8712 Well/Boring Identification Number: MW1 to MW5

WORK TO BE PERFORMED: (License Required)

☒ Construct Well (C-57) ☐ Repair/Modify Well or Pump (C-57, C-61, Class A) ☐ Test Hole Soil Boring With Destruction (C-57)

☐ Install New Pump (C-57) ☐ Destroy Well (C-57) ☐ Inactivation Permit, (Owner Only)

Comments: Advance 5 borings, convert to ground water monitoring wells ☐ Other (state):

DISTANCE TO NEAREST: Leach Field: NA Leach Pit: NA Septic Tank: NA Sewer Line: NA

Stream, Ditch, Drainage Canal: NA 100 Year Flood Plain: NA

INTENDED USE:
☐ Domestic/Private
☐ Public Water System
☐ Irrigation
☐ Cathodic Protection
☒ Monitoring
☐ Extraction/Recovery
☐ Heat Exchanger
☐ Other (state)

DRILLING METHOD:
☒ Auger
☐ Cable Tool
☐ Driven
☐ Rotary
☐ Other (state)

CONSTRUCTION SPECIFICATIONS:
BOREHOLE: Diameter: 8" Depth: 30' Gravel Pack: Yes ☒ No ☐
CASING: Diameter: 2" Depth: 30"
If Steel, Gauge: Or Thickness:
If Plastic, Type: Sch 40 PVC (MUST MEET ASTM F-480)
If Conductor, Diameter: Depth:
GROUT: Diameter: 8" Depth: 0-15' Sealing Material: Cement
TRANSITION SEAL: Material: bentonite Interval: 15'-17'
Comments: 10ft of 0.02 slot screen from 20'-30' bgs

PUMP INSTALLATION/REPAIR: Contractor: License Number:

Type of Pump: NA Horse Power: License Type: Expiration Date:

WELL/TEST HOLE/ SOIL BORING DESTRUCTION: Diameter: Total depth: Depth to Water:

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating well construction/destruction, call for a grout/destruction inspection at least 24 hours prior to placement of sealing material, notify the Department within 5 days of the completion of my work so a final inspection can be made, and obtain final approval before placing the well in service.

Signature: Steve Dalton ☐ Property Owner ☐ Well Contractor

Print Name: Steve Dalton ☐ Agent for Property Owner* ☒ Agent for Well Contractor* Bm

Company: Kleinfelder Phone: 916-366-1701 Field Phone # if Available: 916-416-7042

Mailing Address: 3077 Fite Cr. Sacramento CA 95827 City State Zip:

\WATER WELLS\WELL APPLICATION 005

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION
PERMIT EXPIRES ONE (1) YEAR FROM DATE ISSUED (UNLESS EXTENDED)

COUNTY OF SACRAMENTO

Environmental Management Department

Mel Knight, Director

Bonnie Coleman, Manager
Administrative Services
Richard Sanchez, Chief
Environmental Health
Dennis C. Green, Chief
Hazardous Materials

WELL DRILLER'S AUTHORIZATION LETTER

Site Address	3600 Airport Rd		
City, Zip	Sacramento, CA 95834		
Well Driller	Spectrum Exploration, Inc.		
Driller's Address	2365 Wigwam Drive		
City, State, Zip	Stockton, CA 95205		
Driller's Phone No.	(209) 465 – 8712		
C-57 License No.	512268	**Exp. Date**	4/30/2005

For the sole purpose of procuring permits for the construction, modification, repair, or destruction of wells or soil borings and the installation, repair, or replacement of well pumps at the aforementioned site, I hereby designate the following entity(ies) to act as my authorized representative:

Name(s)	Ray Costa, Tim Williams, Ken Sorensen, Rick Stauber, David Stephens, Byron Anderson, Steve Dalton, Becky Money
Company	Kleinfelder, Inc.
Address	3077 Fite Circle
City, State, Zip	Sacramento, CA 95827

I understand that as the applicant for permits for activities regulated under Chapter 6.28 of the Sacramento County Code, I am responsible for compliance with all provisions of that Chapter. I further understand that upon written notification to the EMD, I may rescind this authorization.

Signature	Jim Kleinfelder
Printed	**Jim Kleinfelder**
Title: RMO, RME, Officer	**General Manager**
Date:	**July 30, 2003**

CALL FOR INSPECTIONS
EH (916) 875-8422
HAZMAT(916) 875-8464

DEC 16 2004

Barry Marcus

WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT
8475 JACKSON ROAD, SUITE 230/240
SACRAMENTO, CA 95826-3904

FOR OFFICE USE ONLY

☐ DISAPPROVED ☒ APPROVED WP 22854 Date Received: 12/14/04 Permit Number: 140654

☐ APPROVED WITH CONDITIONS (See attachment) Date Issued: _____ SR Number: 13328

By: _____ Date: 12/14/04 Total Fee: 1477.00 Receipt Number: _____

Grout Inspection By: _____ Date: _____ GPS #: _____ Site Number: G042

Actual Well Depth: _____ Actual Grout Depth: _____ Final Inspection By: _____ Date: _____

Depth to first Water: _____ Well Destruction Inspection By: _____ Date: _____

Comments: _____

Inspecting Division: ☐ ENVIRONMENTAL HEALTH ☒ HAZARDOUS MATERIALS

UN-B14

SITE ADDRESS: 3600 Airport Rd. City: Sacramento Zip: 95834

Nearest Major Cross Street:: San Juan Rd Parcel Number: 225-0150-023

Property Owner: Beazer Homes (Attn: Carol Hill) Phone Number: 916-773-3888

Well Contractor: Gregg Drilling License Number: 485165 Type: C-57

Contractor Address: 950 Howe Rd. Expiration Date: Jan 05

City: Martinez Zip: 94553 Phone: 925-313-5800 Well/Boring Identification Number: MW-6

WORK TO BE PERFORMED: (License Required)

☒ Construct Well (C-57) ☐ Repair/Modify Well or Pump (C-57, C-61, Class A) ☐ Test Hole Soil Boring With Destruction (C-57)

☐ Install New Pump (C-57) ☐ Destroy Well (C-57) ☐ Inactivation Permit, (Owner Only)

Comments: Advance boring to 30' + convert to groundwater monitoring well ☐ Other (state): _____

DISTANCE TO NEAREST: Leach Field: NA Leach Pit: NA Septic Tank: NA Sewer Line: NA

Stream, Ditch, Drainage Canal: NA 100 Year Flood Plain: NA

INTENDED USE:
☐ Domestic/Private
☐ Public Water System
☐ Irrigation
☐ Cathodic Protection
☒ Monitoring
☐ Extraction/Recovery
☐ Heat Exchanger
☐ Other (state)

DRILLING METHOD:
☒ Auger
☐ Cable Tool
☐ Driven
☐ Rotary
☐ Other (state)

CONSTRUCTION SPECIFICATIONS:

BOREHOLE: Diameter: 8" Depth: 30' Gravel Pack: Yes ☒ No ☐

CASING: Diameter: 2" Depth: 30'

If Steel, Gauge: _____ Or Thickness: _____

If Plastic, Type: Sch 40 PVC (MUST MEET ASTM F-480)

If Conductor, Diameter: _____ Depth: _____

GROUT: Diameter: 8" Depth: 0-11' Sealing Material: Cement

TRANSITION SEAL: Material: bentonite Interval: 11-13'

Comments: 15 ft of 0.02 slot screen from 15'-30' bgs

PUMP INSTALLATION/REPAIR: Contractor: _____ License Number: _____

Type of Pump: NA Horse Power: _____ License Type: _____ Expiration Date: _____

WELL/TEST HOLE/ SOIL BORING DESTRUCTION: Diameter: _____ Total depth: _____ Depth to Water: _____

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating well construction/destruction, call for a grout/destruction inspection at least 24 hours prior to placement of sealing material, notify the Department within 5 days of the completion of my work so a final inspection can be made, and obtain final approval before placing the well in service.

Signature: Steve Dalton ☐ Property Owner ☐ Well Contractor

Print Name: Steve Dalton ☐ Agent for Property Owner* ☒ Agent for Well Contractor*

Company: Kleinfelder Phone: 916-366-1701 Field Phone # if Available: 916-416-7042

Mailing Address: 3077 Fite Cr. City, State, Zip: Sacramento, CA 95827

\WATER WELLS\WELL APPLICATION 005

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION
PERMIT EXPIRES ONE (1) YEAR FROM DATE ISSUED (UNLESS EXTENDED)

ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS
HOUSING

COUNTY OF SACRAMENTO

ENVIRONMENTAL MANAGEMENT DEPARTMENT
Mel Knight, Acting Director

WELL DRILLER'S AUTHORIZATION LETTER

Site Address: 3600 Airport Rd.

City, Zip: Sacramento CA 95834

Well Driller: Gregg Drilling 925-313-5800

Driller's Address: 950 Howe Rd.

City, State, Zip: Martinez, CA 94553

C-57 License No.: 485165 Expiration Date: Jan 05

For the sole purpose of procuring permits for the construction, modification, repair, or destruction of wells or soil borings and the installation, repair, or replacement of well pumps at the aforementioned site, I hereby designate the following entity(ies) to act as my authorized representative(s):

Name(s): Steve Dalton

Company: Kleinfelder

Address: 3077 Fite Cr.

City, State, Zip: Sacramento, CA 95827

I understand that, as the applicant for permits for activities regulated under Chapter 6.28 of the Sacramento County Code, I am responsible for compliance with all provisions of that Chapter. I further understand that, upon written notification to the Environmental Management Department, I may rescind this authorization.

Signed: Christopher Penner

Printed: Christopher Penner

Title/Position: Operations Manager

Date: 12/7/04

W:\DATA\WELLS\WDAL_SEB

SAMPLE DATA SHEET KLEINFELDER

Project Name Machado Ranch

Project No. 47359-2

P.O. No. / CHAIN-OF-CUSTODY # 16243

Sampler Name, No. Steve Dalton 4178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
MW-1	10-11-04	0833		10.5-11	0			Soil
		0843		15.5-16				
		0852		20.5-21				
		0901	MW1-26	25.5-26				
MW-2		1010		10.5-11				
		1017		15.5-16				
		1023		20.5-21				
		1030	MW2-26	25.5-26				
MW-3		1300		20.5-21	519			
		1310	MW3-26	25.5-26	0			
MW-4		1140		10.5-11				
		1146		15.5-16				
		1156	MW4-21	20.5-21				
		1203		25.5-26				
MW-5	10-12-04	0930		15.5-16				
		0938		20.5-21				
		0950		25.5-26				
		0956	MW5-31	30.5-31				

Forms89-37

SAMPLE DATA SHEET

KLEINFELDER

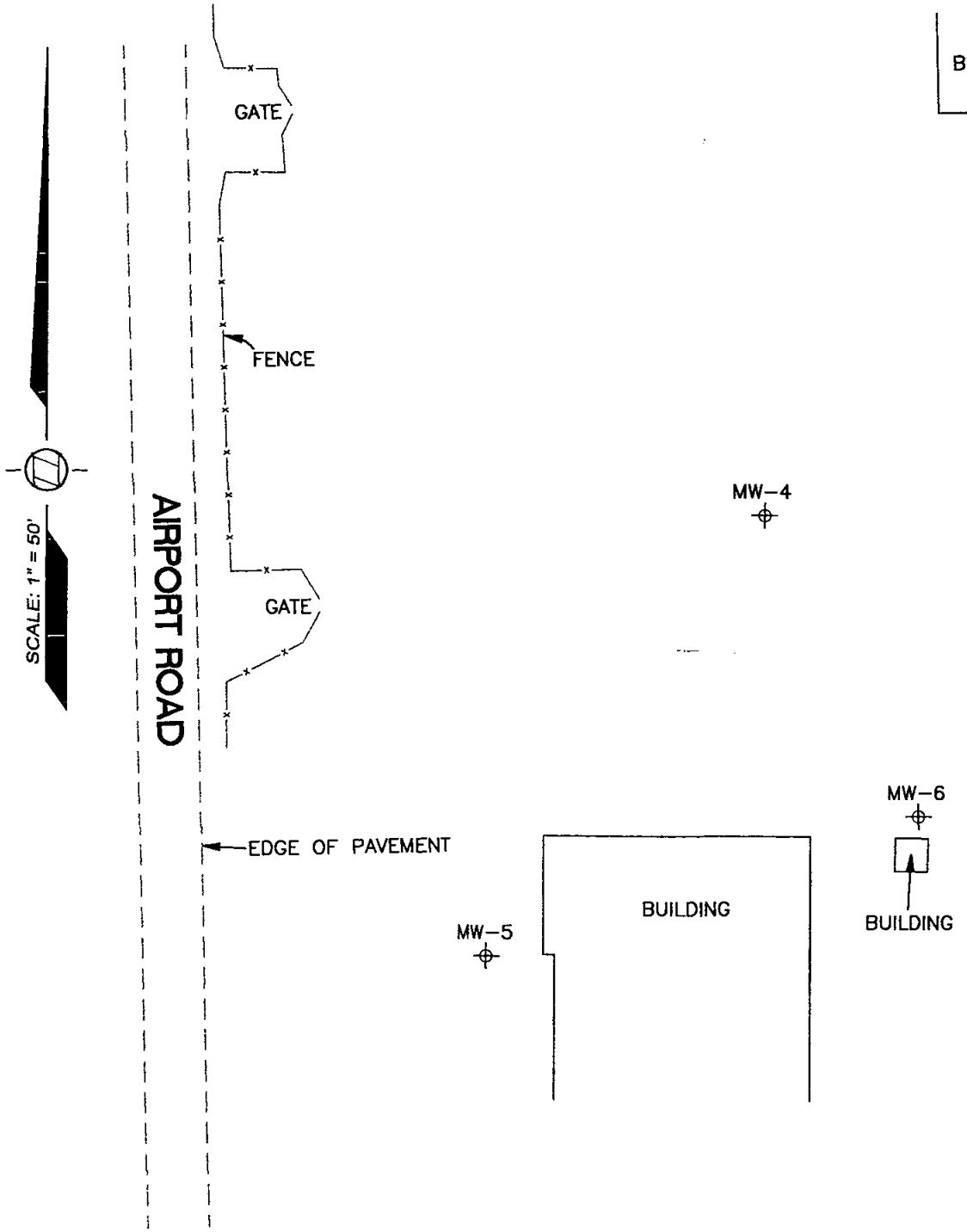
Project Name Machado Ranch

Project No. 47359-2

P.O. No. CHAIN-OF-CUSTODY # 16247

Sampler Name, No. Ryan Padgett, 5107

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
MW-6	12-2004	0924		5-5.5	0			soil
		0930	MW6-10.5	10-10.5		CLS		
		0938		15-15.5				
		0943		20-20.5				
		1000		25-25.5				
		1006	MW6-30	29.5-30	1.0	CLS		



Monitoring Well Exhibit

Prepared For:

Kleinfelder, Inc.

DESCRIPTION	NORTHING	EASTING	ELEV (PVC)	ELEV (BOX)
MW-1	1992908.1	6700795.4	16.29	16.69
MW-2	1992958.0	6700778.4	16.42	16.82
MW-3	1992929.4	6700743.5	17.15	17.64
MW-4	1992867.6	6700640.5	16.74	17.17
MW-5	1992733.7	6700557.1	17.46	17.79
MW-6	1992776.6	6700687.3	17.32	17.54

DESCRIPTION	LATITUDE	LONGITUDE
MW-1	38.6335169	-121.5129399
MW-2	38.6336541	-121.5129986
MW-3	38.6335760	-121.5131215
MW-4	38.6334078	-121.5134832
MW-5	38.6330414	-121.5137776
MW-6	38.6331573	-121.5133208

BASIS OF COORDINATES AND ELEVATIONS:

COORDINATES ARE CALIFORNIA STATE PLANE ZONE 2 COORDINATES FROM GPS OBSERVATIONS USING UNIVERSITY OF CALIFORNIA BAY AREA DEFORMATION CORS STATION OBSERVATION FILES AND BASED ON THE CALIFORNIA SPATIAL REFERENCE CENTER DATUM, REFERENCE EPOCH 2000.35.

COORDINATE DATUM IS NAD 83(1986).

DATUM ELLIPSOID IS GRS80.

REFERENCE GEOID IS NGS99.

CORS STATIONS USED WERE UCD1 AND SUTB.

VERTICAL DATUM IS NAVD 88 FROM GPS OBSERVATIONS.

Monitoring Well Exhibit
3600 Airport Road
Sacramento
Sacramento County
California

Morrow Surveying
LAND SURVEYORS

1450 Harbor Blvd. Ste. D
West Sacramento
California 95691
(916) 372-8124
jeff@morrowsurveying.com

Date: 3-17-05
Scale: 1" = 60'
Sheet 1 of 1
Revised:
Field Book: MW-18
Dwg. No. 4194-112 JL

KLEINFELDER

CA 50523

PROJECT NO.	PROJECT NAME
47359-2	Machado Ranch

L.P. NO. (P.O. NO.): as above

SAMPLERS: (Signature/Number): Steve Dalton / 4178

RECEIVING LAB: CLS Attn: Scott

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: TPH Purgeable as Gasoline	BTEX	5 oxygenates	1,2-DCA	Total Lead	TPH-Extractable (Diesel + Motor Oil)	INSTRUCTIONS/REMARKS
1	10-11-04	0901	MW1-26	soil	1	brass tubes	X	X	X	X	X	X	
2		1030	MW2-26				X	X	X	X	X	X	
3		1310	MW3-26				X	X	X	X	X	X	
4		1156	MW4-21				X	X	X	X	X	X	
5	10-12-04	0956	MW5-31				X	X	X	X	X	X	
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

* Please prepare EDF for Global ID# T0600727901 + email to Sdalton@Kleinfelder.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	10-15-04 / 1155	

Instructions/Remarks: Standard TAT

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Ron Hill + Steve Dalton

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

№ 16243

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

OCT 27 2004

October 25, 2004

CLS Work Order #: CNJ0523
COC #: 16243

Steve Dalton
Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project Name: Machado Ranch

Enclosed are the results of analyses for samples received by the laboratory on 10/15/04 11:55. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

Environmental Chemistry

Revision

Date: 03/11/05

Client: Kleinfelder (Sacramento)

Project: Machado Ranch

Work Order#: CNJ0523

Attention: Steve Dalton

Revision Remarks:

Enclosed is the revised data package with the missing analyte 1,2-DCA for the above referenced work order.

Sincerely,

James Liang Ph.D.
Laboratory Director

3249 Fitzgerald Road Rancho Cordova, CA 95742 800-638-7301 916-638-7301 Fax: 916-638-4510

CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNJ0523**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16243

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-26 (CNJ0523-01) Soil	**Sampled: 10/11/04 09:01**	**Received: 10/15/04 11:55**							
Diesel	ND	1.0	mg/kg	1	CN08101	10/19/04	10/20/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
MW2-26 (CNJ0523-02) Soil	**Sampled: 10/11/04 10:30**	**Received: 10/15/04 11:55**							
Diesel	ND	1.0	mg/kg	1	CN08101	10/19/04	10/20/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
MW3-26 (CNJ0523-03) Soil	**Sampled: 10/11/04 13:10**	**Received: 10/15/04 11:55**							
Diesel	ND	1.0	mg/kg	1	CN08101	10/19/04	10/20/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
MW4-21 (CNJ0523-04) Soil	**Sampled: 10/11/04 11:56**	**Received: 10/15/04 11:55**							
Diesel	ND	1.0	mg/kg	1	CN08101	10/19/04	10/20/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
MW5-31 (CNJ0523-05) Soil	**Sampled: 10/12/04 09:56**	**Received: 10/15/04 11:55**							
Diesel	ND	1.0	mg/kg	1	CN08101	10/19/04	10/20/04	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNJ0523**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16243

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-26 (CNJ0523-01) Soil Sampled: 10/11/04 09:01 Received: 10/15/04 11:55									
Gasoline	ND	1000	µg/kg	1	CN08139	10/20/04	10/20/04	8015M/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*115 %*	*70-130*		"	"	"	"	
MW2-26 (CNJ0523-02) Soil Sampled: 10/11/04 10:30 Received: 10/15/04 11:55									
Gasoline	ND	1000	µg/kg	1	CN08139	10/20/04	10/20/04	8015M/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*119 %*	*70-130*		"	"	"	"	
MW3-26 (CNJ0523-03) Soil Sampled: 10/11/04 13:10 Received: 10/15/04 11:55									
Gasoline	ND	1000	µg/kg	1	CN08139	10/20/04	10/20/04	8015M/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*112 %*	*70-130*		"	"	"	"	
MW4-21 (CNJ0523-04) Soil Sampled: 10/11/04 11:56 Received: 10/15/04 11:55									
Gasoline	ND	1000	µg/kg	1	CN08139	10/20/04	10/20/04	8015M/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*113 %*	*70-130*		"	"	"	"	
MW5-31 (CNJ0523-05) Soil Sampled: 10/12/04 09:56 Received: 10/15/04 11:55									
Gasoline	ND	1000	µg/kg	1	CN08179	10/20/04	10/20/04	8015M/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*114 %*	*70-130*		"	"	"	"	

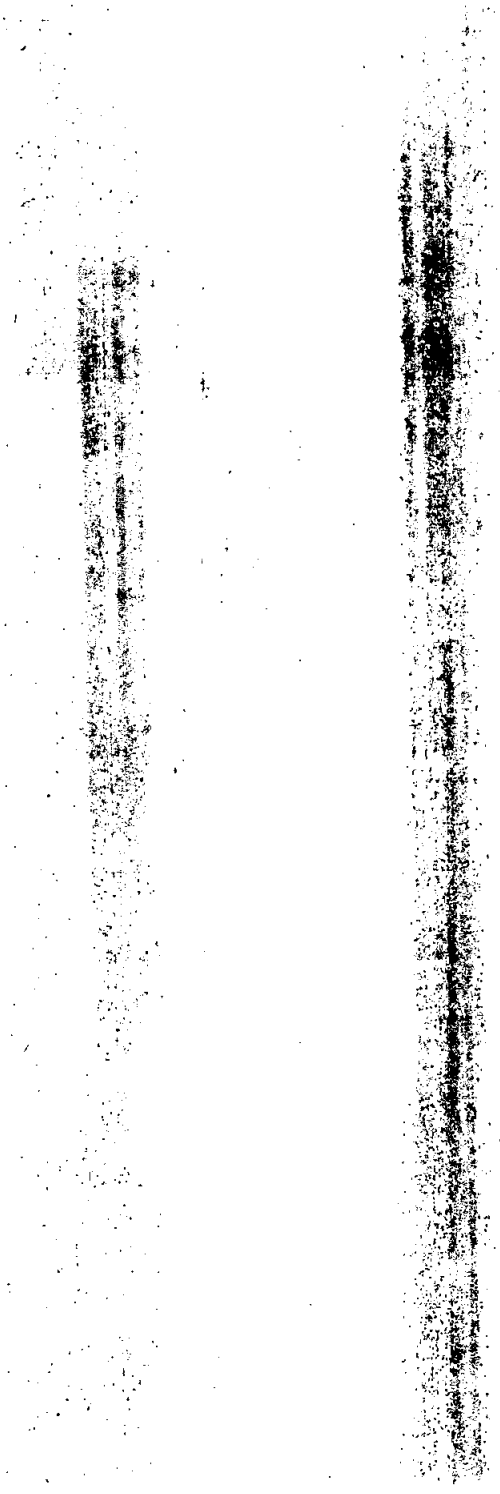
CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNJ0523** COC #: 16243

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-26 (CNJ0523-01) Soil	**Sampled: 10/11/04 09:01**	**Received: 10/15/04 11:55**							
Lead	**7.4**	2.5	mg/kg	1	CN08156	10/21/04	10/21/04	EPA 6010B	
MW2-26 (CNJ0523-02) Soil	**Sampled: 10/11/04 10:30**	**Received: 10/15/04 11:55**							
Lead	**9.2**	2.5	mg/kg	1	CN08156	10/21/04	10/21/04	EPA 6010B	
MW3-26 (CNJ0523-03) Soil	**Sampled: 10/11/04 13:10**	**Received: 10/15/04 11:55**							
Lead	**10**	2.5	mg/kg	1	CN08156	10/21/04	10/21/04	EPA 6010B	
MW4-21 (CNJ0523-04) Soil	**Sampled: 10/11/04 11:56**	**Received: 10/15/04 11:55**							
Lead	**11**	2.5	mg/kg	1	CN08156	10/21/04	10/21/04	EPA 6010B	
MW5-31 (CNJ0523-05) Soil	**Sampled: 10/12/04 09:56**	**Received: 10/15/04 11:55**							
Lead	**9.2**	2.5	mg/kg	1	CN08156	10/21/04	10/21/04	EPA 6010B	



CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNJ0523**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16243

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1-26 (CNJ0523-01) Soil Sampled: 10/11/04 09:01 Received: 10/15/04 11:55									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN08218	10/18/04	10/18/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*60-140*		"	"	"	"	
MW2-26 (CNJ0523-02) Soil Sampled: 10/11/04 10:30 Received: 10/15/04 11:55									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN08218	10/18/04	10/18/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*88.6 %*	*60-140*		"	"	"	"	
MW3-26 (CNJ0523-03) Soil Sampled: 10/11/04 13:10 Received: 10/15/04 11:55									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN08218	10/18/04	10/18/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*88.8 %*	*60-140*		"	"	"	"	
MW4-21 (CNJ0523-04) Soil Sampled: 10/11/04 11:56 Received: 10/15/04 11:55									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN08218	10/18/04	10/18/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*88.8 %*	*60-140*		"	"	"	"	
MW5-31 (CNJ0523-05) Soil Sampled: 10/12/04 09:56 Received: 10/15/04 11:55									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN08218	10/18/04	10/18/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNJ0523**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16243

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW5-31 (CNJ0523-05) Soil Sampled: 10/12/04 09:56 Received: 10/15/04 11:55									
Tert-butyl alcohol	ND	50	µg/kg	1	CN08218	10/18/04	10/18/04	EPA 8260B	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*88.6 %*	*60-140*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNJ0523**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16243

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN08101 - LUFT-DHS GCNV										
Blank (CN08101-BLK1)				Prepared: 10/19/04 Analyzed: 10/20/04						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
Hydraulic Oil	ND	1.0	"							
Mineral Oil	ND	1.0	"							
Kerosene	ND	1.0	"							
LCS (CN08101-BS1)				Prepared: 10/19/04 Analyzed: 10/20/04						
Diesel	46.0	1.0	mg/kg	50.0		92.0	65-135			
LCS Dup (CN08101-BSD1)				Prepared: 10/19/04 Analyzed: 10/20/04						
Diesel	47.5	1.0	mg/kg	50.0		95.0	65-135	3.21	30	
Matrix Spike (CN08101-MS1)		**Source: CNJ0529-01**		Prepared: 10/19/04 Analyzed: 10/20/04						
Diesel	55.8	1.0	mg/kg	50.0	ND	112	59-138			
Matrix Spike Dup (CN08101-MSD1)		**Source: CNJ0529-01**		Prepared: 10/19/04 Analyzed: 10/20/04						
Diesel	56.1	1.0	mg/kg	50.0	ND	112	59-138	0.536	37	

CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNJ0523** COC #: 16243

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN08139 - EPA 5030 Soil GC										
Blank (CN08139-BLK1)				Prepared & Analyzed: 10/20/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*99.9*		"	*100*		*99.9*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*123*		"	*100*		*123*	*70-130*			
LCS (CN08139-BS1)				Prepared & Analyzed: 10/20/04						
Gasoline	2150	1000	µg/kg	2500		86.0	65-135			
Surrogate: o-Chlorotoluene (Gas)	*125*		"	*100*		*125*	*70-130*			
LCS Dup (CN08139-BSD1)				Prepared & Analyzed: 10/20/04						
Gasoline	2290	1000	µg/kg	2500		91.6	65-135	6.31	30	
Surrogate: o-Chlorotoluene (Gas)	*125*		"	*100*		*125*	*70-130*			
Batch CN08179 - EPA 5030 Soil GC										
Blank (CN08179-BLK1)				Prepared & Analyzed: 10/20/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*100*		"	*100*		*100*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*119*		"	*100*		*119*	*70-130*			

CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento CA, 95827	Project: Machado Ranch Project Number: 47359-2 Project Manager: Steve Dalton	**CLS Work Order #: CNJ0523** COC #: 16243

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN08179 - EPA 5030 Soil GC										
LCS (CN08179-BS1)				Prepared & Analyzed: 10/20/04						
Gasoline	2130	1000	µg/kg	2500		85.2	65-135			
Surrogate: o-Chlorotoluene (Gas)	*123*		"	*100*		*123*	*70-130*			
LCS Dup (CN08179-BSD1)				Prepared & Analyzed: 10/20/04						
Gasoline	2130	1000	µg/kg	2500		85.2	65-135	0.00	30	
Surrogate: o-Chlorotoluene (Gas)	*121*		"	*100*		*121*	*70-130*			

CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNJ0523**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16243

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN08156 - EPA 3050B										
Blank (CN08156-BLK1)				Prepared & Analyzed: 10/21/04						
Lead	ND	2.5	mg/kg							
LCS (CN08156-BS1)				Prepared & Analyzed: 10/21/04						
Lead	27.0	2.5	mg/kg	25.0		108	75-125			
LCS Dup (CN08156-BSD1)				Prepared & Analyzed: 10/21/04						
Lead	27.7	2.5	mg/kg	25.0		111	75-125	2.56	25	
Matrix Spike (CN08156-MS1)		Source: CNJ0529-01		Prepared & Analyzed: 10/21/04						
Lead	32.9	2.5	mg/kg	25.0	6.6	105	75-125			
Matrix Spike Dup (CN08156-MSD1)		Source: CNJ0529-01		Prepared & Analyzed: 10/21/04						
Lead	27.1	2.5	mg/kg	25.0	6.6	82.0	75-125	19.3	30	

CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNJ0523**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16243

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN08218 - EPA 5030 Soil MS										
Blank (CN08218-BLK1)				Prepared & Analyzed: 10/18/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
1,2-Dichloroethane	ND	5.0	"							
Surrogate: Toluene-d8	*43.2*		"	*50.0*		*86.4*	*60-140*			
LCS (CN08218-BS1)				Prepared & Analyzed: 10/18/04						
Methyl tert-butyl ether	47.8	5.0	µg/kg	50.0		95.6	60-140			
Surrogate: Toluene-d8	*43.8*		"	*50.0*		*87.6*	*60-140*			
LCS Dup (CN08218-BSD1)				Prepared & Analyzed: 10/18/04						
Methyl tert-butyl ether	45.6	5.0	µg/kg	50.0		91.2	60-140	4.71	30	
Surrogate: Toluene-d8	*43.7*		"	*50.0*		*87.4*	*60-140*			
Matrix Spike (CN08218-MS1)		**Source: CNJ0523-01**		Prepared & Analyzed: 10/18/04						
Methyl tert-butyl ether	55.4	5.0	µg/kg	50.0	2.6	106	60-140			
Surrogate: Toluene-d8	*45.6*		"	*50.0*		*91.2*	*60-140*			
Matrix Spike Dup (CN08218-MSD1)		**Source: CNJ0523-01**		Prepared & Analyzed: 10/18/04						
Methyl tert-butyl ether	20.9	5.0	µg/kg	24.0	2.6	76.2	60-140	90.4	30	QR-03
Surrogate: Toluene-d8	*47.9*		"	*50.0*		*95.8*	*60-140*			

CALIFORNIA LABORATORY SERVICES

03/11/05 13:21

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNJ0523**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16243

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of the QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

KLEINFELDER

CNLOT06

PROJECT NO.	PROJECT NAME
47359-2	Machado Ranch

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)

RECEIVING LAB: CLS Attn: Scott

INSTRUCTIONS/REMARKS

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: TPH Extractable (modified diesel)	TPH - Purgeable (gasoline)	BTEX	5 oxygenates	1,2-DCA	Total Lead						
1	12-20-04	0930	MW6-10.5	soil	1	brass tube	X	X	X	X	X	X						
2	↓	1006	MW6-30	↓	↓	↓	X	X	X	X	X	X						
3																		
4																		
5																		
6																		
7																		
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17																		
18																		
19																		
20																		

Please prepare EDF for
Global ID #
T0606727901
& email to
sdalton@KleinFelder.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	12-21-04 0900	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	12	

Instructions/Remarks: Standard TAT.

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Steve Dalton

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

№ 16247

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

December 29, 2004

CLS Work Order #: CNL0706
COC #: 16247

Steve Dalton
Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project Name: Machado Ranch

Enclosed are the results of analyses for samples received by the laboratory on 12/21/04 09:00. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

12/29/04 15:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNL0706**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16247

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW6-10.5 (CNL0706-01) Soil Sampled: 12/20/04 09:30 Received: 12/21/04 09:00									
Diesel	ND	1.0	mg/kg	1	CN09867	12/22/04	12/27/04	EPA 8015M	
Motor Oil	**25**	1.0	"	"	"	"	"	"	
MW6-30 (CNL0706-02) Soil Sampled: 12/20/04 10:06 Received: 12/21/04 09:00									
Diesel	ND	1.0	mg/kg	1	CN09867	12/22/04	12/27/04	EPA 8015M	
Motor Oil	**8.5**	1.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

12/29/04 15:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNL0706**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16247

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW6-10.5 (CNL0706-01) Soil Sampled: 12/20/04 09:30 Received: 12/21/04 09:00									
Gasoline	ND	1000	µg/kg	1	CN09961	12/27/04	12/27/04	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*93.7 %*	*70-130*		"	"	"	"	
MW6-30 (CNL0706-02) Soil Sampled: 12/20/04 10:06 Received: 12/21/04 09:00									
Gasoline	ND	1000	µg/kg	1	CN09961	12/27/04	12/27/04	8015GRO/8021 B	
Benzene	**160**	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*92.1 %*	*70-130*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

12/29/04 15:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNL0706**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16247

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW6-10.5 (CNL0706-01) Soil Sampled: 12/20/04 09:30 Received: 12/21/04 09:00									
Lead	**6.1**	2.5	mg/kg	1	CN09839	12/22/04	12/22/04	EPA 6010B	
MW6-30 (CNL0706-02) Soil Sampled: 12/20/04 10:06 Received: 12/21/04 09:00									
Lead	**5.6**	2.5	mg/kg	1	CN09839	12/22/04	12/22/04	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

12/29/04 15:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNL0706**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16247

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW6-10.5 (CNL0706-01) Soil Sampled: 12/20/04 09:30 Received: 12/21/04 09:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN09866	12/22/04	12/22/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.4 %*	*60-140*		"	"	"	"	
MW6-30 (CNL0706-02) Soil Sampled: 12/20/04 10:06 Received: 12/21/04 09:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CN09866	12/22/04	12/22/04	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.8 %*	*60-140*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

12/29/04 15:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNL0706**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16247

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN09867 - LUFT-DHS GCNV										
Blank (CN09867-BLK1)				Prepared: 12/22/04 Analyzed: 12/27/04						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
Hydraulic Oil	ND	1.0	"							
LCS (CN09867-BS1)				Prepared: 12/22/04 Analyzed: 12/27/04						
Diesel	43.6	1.0	mg/kg	50.0		87.2	65-135			
LCS Dup (CN09867-BSD1)				Prepared: 12/22/04 Analyzed: 12/27/04						
Diesel	45.1	1.0	mg/kg	50.0		90.2	65-135	3.38	30	
Matrix Spike (CN09867-MS1)		**Source: CNL0705-17**		Prepared: 12/22/04 Analyzed: 12/27/04						
Diesel	58.2	10	mg/kg	50.0	ND	116	59-138			
Matrix Spike Dup (CN09867-MSD1)		**Source: CNL0705-17**		Prepared: 12/22/04 Analyzed: 12/27/04						
Diesel	45.5	10	mg/kg	50.0	ND	91.0	59-138	24.5	37	

CALIFORNIA LABORATORY SERVICES

12/29/04 15:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNL0706**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16247

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN09961 - EPA 5030 Soil GC										
Blank (CN09961-BLK1)				Prepared & Analyzed: 12/27/04						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (BTEX)	*102*		"	*100*		*102*	*70-130*			
Surrogate: o-Chlorotoluene (Gas)	*90.7*		"	*100*		*90.7*	*70-130*			
LCS (CN09961-BS1)				Prepared & Analyzed: 12/27/04						
Gasoline	2490	500	µg/kg	2500		99.6	65-135			
Surrogate: o-Chlorotoluene (Gas)	*103*		"	*100*		*103*	*70-130*			
LCS Dup (CN09961-BSD1)				Prepared & Analyzed: 12/27/04						
Gasoline	2640	1000	µg/kg	2500		106	65-135	5.85	30	
Surrogate: o-Chlorotoluene (Gas)	*102*		"	*100*		*102*	*70-130*			

CALIFORNIA LABORATORY SERVICES

12/29/04 15:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNL0706**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16247

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN09839 - EPA 3050B										
Blank (CN09839-BLK1)				Prepared & Analyzed: 12/22/04						
Lead	ND	2.5	mg/kg							
LCS (CN09839-BS1)				Prepared & Analyzed: 12/22/04						
Lead	25.0	2.5	mg/kg	25.0		100	75-125			
LCS Dup (CN09839-BSD1)				Prepared & Analyzed: 12/22/04						
Lead	24.2	2.5	mg/kg	25.0		96.8	75-125	3.25	25	
Matrix Spike (CN09839-MS1)		Source: CNL0705-12		Prepared & Analyzed: 12/22/04						
Lead	25.0	2.5	mg/kg	25.0	7.5	70.0	75-125			QM-05
Matrix Spike Dup (CN09839-MSD1)		Source: CNL0705-12		Prepared & Analyzed: 12/22/04						
Lead	27.4	2.5	mg/kg	25.0	7.5	79.6	75-125	9.16	30	

CALIFORNIA LABORATORY SERVICES

12/29/04 15:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNL0706**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16247

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CN09866 - EPA 5030 Soil MS										
Blank (CN09866-BLK1)				Prepared & Analyzed: 12/22/04						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Surrogate: Toluene-d8	*46.9*		"	*50.0*		*93.8*	*60-140*			
LCS (CN09866-BS1)				Prepared & Analyzed: 12/22/04						
Methyl tert-butyl ether	40.9	5.0	µg/kg	50.0		81.8	60-140			
Surrogate: Toluene-d8	*46.7*		"	*50.0*		*93.4*	*60-140*			
LCS Dup (CN09866-BSD1)				Prepared & Analyzed: 12/22/04						
Methyl tert-butyl ether	44.2	5.0	µg/kg	50.0		88.4	60-140	7.76	30	
Surrogate: Toluene-d8	*63.5*		"	*50.0*		*127*	*60-140*			
Matrix Spike (CN09866-MS1)		**Source: CNL0728-01**		Prepared & Analyzed: 12/22/04						
Methyl tert-butyl ether	42.8	5.0	µg/kg	50.0	ND	85.6	60-140			
Surrogate: Toluene-d8	*46.8*		"	*50.0*		*93.6*	*60-140*			
Matrix Spike Dup (CN09866-MSD1)		**Source: CNL0728-01**		Prepared & Analyzed: 12/22/04						
Methyl tert-butyl ether	53.5	5.0	µg/kg	50.0	ND	107	60-140	22.2	30	
Surrogate: Toluene-d8	*45.0*		"	*50.0*		*90.0*	*60-140*			

CALIFORNIA LABORATORY SERVICES

12/29/04 15:52

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: CNL0706**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 16247

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

KLEINFELDER

COH026QOA0269

PROJECT NO.	PROJECT NAME
47359-2	MACHADO RANCH

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)
	Brian E. Homer / 699

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CON-TAINERS	TYPE OF CON-TAINERS	ANALYSIS: TPH Purgeable (Gasoline)	BTEX	5 Oxygenates	1,2 DCA	Total Lead	TPH-Extractable (Diesel & Motor Oil)					RECEIVING LAB: CLS / INSTRUCTIONS/REMARKS
1	1-10-05	1035	DUSING-0501	H_2O	5	VOAs amber	X	X	X	X	X	X					4 40ml HCl VOAs
2																	1 250ml Amber
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
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18																	
19																	
20																	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Brian E. Homer	1/10/05 1158	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	1/10/5 1158	

Instructions/Remarks:

STANDARD TAT

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827
(916) 366-1701

Attn:

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

№ 14021

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

January 14, 2005

CLS Work Order #: COA0269
COC #: 14021

Steve Dalton
Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project Name: Machado Ranch

Enclosed are the results of analyses for samples received by the laboratory on 01/10/05 11:58. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

01/14/05 12:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: COA0269**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA. 95827	Project Manager: Steve Dalton	COC #: 14021

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DWSING-05Q1 (COA0269-01) Water	**Sampled: 01/10/05 10:35**		**Received: 01/10/05 11:58**						
Diesel	ND	0.050	mg/L	1	CO00335	01/13/05	01/13/05	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

01/14/05 12:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: COA0269**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA. 95827	Project Manager: Steve Dalton	COC #: 14021

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DWSING-05Q1 (COA0269-01) Water	**Sampled: 01/10/05 10:35**		**Received: 01/10/05 11:58**						
Gasoline	ND	50	µg/L	1	CO00264	01/11/05	01/11/05	8015M/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*91.5 %*	*65-135*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

01/14/05 12:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: COA0269**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 14021

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DWSING-05Q1 (COA0269-01) Water	**Sampled: 01/10/05 10:35**		**Received: 01/10/05 11:58**						
Lead	ND	5.0	µg/L	1	CO00230	01/11/05	01/12/05	EPA 200.8	

CALIFORNIA LABORATORY SERVICES

01/14/05 12:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: COA0269**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 14021

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DWSING-05Q1 (COA0269-01) Water	**Sampled: 01/10/05 10:35**		**Received: 01/10/05 11:58**						
Di-isopropyl ether	ND	0.50	µg/L	1	CO00205	01/10/05	01/10/05	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*	*72-125*		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

01/14/05 12:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: COA0269**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 14021

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO00335 - EPA 3510B GCNV										
Blank (CO00335-BLK1)				Prepared & Analyzed: 01/13/05						
Diesel	ND	0.050	mg/L							
Motor Oil	ND	0.050	"							
LCS (CO00335-BS1)				Prepared & Analyzed: 01/13/05						
Diesel	2.73	0.050	mg/L	2.50		109	65-135			
LCS Dup (CO00335-BSD1)				Prepared & Analyzed: 01/13/05						
Diesel	2.68	0.050	mg/L	2.50		107	65-135	1.85	30	
Matrix Spike (CO00335-MS1)		Source: COA0326-01		Prepared & Analyzed: 01/13/05						
Diesel	2.38	0.050	mg/L	2.50	ND	95.2	46-137			
Matrix Spike Dup (CO00335-MSD1)		Source: COA0326-01		Prepared & Analyzed: 01/13/05						
Diesel	2.47	0.050	mg/L	2.50	ND	98.8	46-137	3.71	30	

CALIFORNIA LABORATORY SERVICES

01/14/05 12:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: COA0269**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA. 95827	Project Manager: Steve Dalton	COC #: 14021

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO00264 - EPA 5030 Water GC										
Blank (CO00264-BLK1)				Prepared & Analyzed: 01/11/05						
Gasoline	ND	50	µg/L							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate: o-Chlorotoluene (BTEX)	*21.1*		"	*20.0*		*106*	*65-135*			
Surrogate: o-Chlorotoluene (Gas)	*18.3*		"	*20.0*		*91.5*	*65-135*			
LCS (CO00264-BS1)				Prepared & Analyzed: 01/11/05						
Gasoline	444	50	µg/L	500		88.8	65-135			
Surrogate: o-Chlorotoluene (Gas)	*18.5*		"	*20.0*		*92.5*	*65-135*			
LCS Dup (CO00264-BSD1)				Prepared & Analyzed: 01/11/05						
Gasoline	423	50	µg/L	500		84.6	65-135	4.84	30	
Surrogate: o-Chlorotoluene (Gas)	*18.3*		"	*20.0*		*91.5*	*65-135*			
Matrix Spike (CO00264-MS1)	**Source: COA0269-01**			Prepared & Analyzed: 01/11/05						
Gasoline	446	50	µg/L	500	ND	89.2	65-135			
Surrogate: o-Chlorotoluene (Gas)	*19.0*		"	*20.0*		*95.0*	*65-135*			
Matrix Spike Dup (CO00264-MSD1)	**Source: COA0269-01**			Prepared & Analyzed: 01/11/05						
Gasoline	427	50	µg/L	500	ND	85.4	65-135	4.35	30	
Surrogate: o-Chlorotoluene (Gas)	*18.4*		"	*20.0*		*92.0*	*65-135*			

CALIFORNIA LABORATORY SERVICES

01/14/05 12:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: COA0269**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 14021

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO00230 - EPA 3020A										
Blank (CO00230-BLK1)				Prepared: 01/11/05 Analyzed: 01/12/05						
Lead	ND	5.0	µg/L							
LCS (CO00230-BS1)				Prepared: 01/11/05 Analyzed: 01/12/05						
Lead	97.9	5.0	µg/L	100		97.9	80-120			
LCS Dup (CO00230-BSD1)				Prepared: 01/11/05 Analyzed: 01/12/05						
Lead	99.5	5.0	µg/L	100		99.5	80-120	1.62	20	
Matrix Spike (CO00230-MS1)		Source: COA0206-01		Prepared: 01/11/05 Analyzed: 01/12/05						
Lead	102	5.0	µg/L	100	2.2	99.8	75-125			
Matrix Spike Dup (CO00230-MSD1)		Source: COA0206-01		Prepared: 01/11/05 Analyzed: 01/12/05						
Lead	100	5.0	µg/L	100	2.2	97.8	75-125	1.98	25	

CALIFORNIA LABORATORY SERVICES

01/14/05 12:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: COA0269**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 14021

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO00205 - EPA 5030 Water MS										
Blank (CO00205-BLK1)				Prepared & Analyzed: 01/10/05						
Di-isopropyl ether	ND	0.50	µg/L							
Ethyl tert-butyl ether	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	5.0	"							
1,2-Dichloroethane	ND	0.50	"							
Surrogate: Toluene-d8	*9.93*		"	*10.0*		*99.3*	*72-125*			
LCS (CO00205-BS1)				Prepared & Analyzed: 01/10/05						
Methyl tert-butyl ether	21.8	0.50	µg/L	20.0		109	52-130			
Surrogate: Toluene-d8	*11.0*		"	*10.0*		*110*	*72-125*			
LCS Dup (CO00205-BSD1)				Prepared & Analyzed: 01/10/05						
Methyl tert-butyl ether	22.2	0.50	µg/L	20.0		111	52-130	1.82	30	
Surrogate: Toluene-d8	*10.4*		"	*10.0*		*104*	*72-125*			

CALIFORNIA LABORATORY SERVICES

01/14/05 12:22

Kleinfelder (Sacramento)	Project: Machado Ranch	**CLS Work Order #: COA0269**
3077 Fite Circle	Project Number: 47359-2	
Sacramento CA, 95827	Project Manager: Steve Dalton	COC #: 14021

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

File cc
Chrank has original
100 pg report -
this is just the ltr
13 pgs.)

KLEINFELDER
An employee owned company

September 5, 2003
34352-002

Ms. Carol Hill
Beazer Homes
3009 Douglas Boulevard, Ste. 150
Roseville, California 95661

Subject: **Limited Phase II Soil and Groundwater Assessment**
3600 Airport Road
Sacramento, California

Dear Ms. Hill:

Attached are the analytical results for the Geoprobe Soil and Groundwater Assessment conducted on August 20 and 22, 2003 at the property located at 3600 Airport Road in Sacramento, California (Plates 1 and 2). The Geoprobe sampling was performed to obtain additional data to evaluate potential environmental impacts associated with the former agricultural activities on the property. Kleinfelder understands that the property is an approximately 8-acre parcel used in the past for agricultural purposes and that approximately 6 acres are intended for purchase by Beazer Homes for residential development.

Kleinfelder also conducted a Phase I Environmental Site Assessment (ESA) of the property. A separate report of findings includes an evaluation of the information obtained from this investigation.

BACKGROUND

Kleinfelder was retained by Beazer Homes to conduct a Phase I ESA of the subject site concurrently with Phase II sampling. Beazer Homes requested sampling prior to purchasing the property, and required sampling results no later than September 6, 2003. Based on information provided by Beazer Homes, conditions on site that may present an environmental concern include:

- Two wells,
- Septic tank and leach field,
- Two underground gasoline storage tanks,
- Two overhead (aboveground) diesel storage tanks, and
- Shop shed.

A garbage pile (burn pit) and animal facilities located on the parcel were also listed as a potential environmental concern; however, this area was not located on the land Beazer intends to purchase. Therefore, Kleinfelder did not assess this area.

KLEINFELDER 3077 Fite Circle, Sacramento, CA 95827-1815 (916) 366-1701 (916) 366-7013 fax

Information on specific constituents of concern or known contamination had not been provided, however, based on the reported site activities, potential constituents of concern may include pesticides, metals, petroleum hydrocarbons (gasoline and diesel), volatile organic compounds (VOCs), and nitrates. The property was formerly used for agricultural activities. The owner has advised Beazer Homes that "items have been stored/dumped/used on this site which could require clean-up". Therefore, Ms. Carol Hill of Beazer Homes requested Phase II sampling to investigate potential source(s) of contamination on the property. Kleinfelder prepared a scope of work, outlined in a Soil and Groundwater Assessment proposal dated, August 12, 2003, to address the potential environmental concerns.

PERMITTING AND PRELIMINARY SITE VISIT

The Sacramento County Environmental Management Department (SCEMD) requires a permit for borings drilled within 10 feet of groundwater. Based on information obtained from the Phase I ESA, shallow groundwater was anticipated to be present at approximately 20 feet below ground surface (bgs). Kleinfelder submitted a boring permit application and associated fees for the Geoprobe borings to Sacramento County. A copy of the approved permit is included in Appendix A.

In addition, Kleinfelder conducted a site visit to evaluate potential boring locations and drill rig access. Underground Service Alert was notified at least 48 hours prior to advancing the borings to notify local utilities of the proposed subsurface assessment.

FIELD ACTIVITIES

Geoprobe Boring Sampling

On August 20 and 22, 2003, seven Geoprobe borings (GB-1 through GB-7) were advanced to depths ranging from 17 to 22 feet bgs. Geoprobe boring locations are shown on Plate 2. En-Prob Environmental Probing of Oroville, California advanced the Geoprobe borings. While sampling, an environmental geologist logged and classified the soil, and collected soil and groundwater samples for laboratory analysis. Soil samples were obtained from the borings by advancing a Geoprobe core sampler. This consisted of a hollow rod with plastic tubing inside. The probe was driven/pushed at the desired depth, over a 4-foot interval, while the soil sample was collected and contained inside the plastic tubing. Once the sample was brought to the surface, the desired interval was obtained, and the ends of the tubing were sealed with Teflon tape and plastic caps. The soil sample containers were labeled and placed in an iced cooler, pending transfer to the laboratory for analysis.

Prior to sealing the sample tubes, a portable organic vapor analyzer (OVA) was used to screen the samples. OVA readings provide a qualitative indication of volatile organic constituents in the samples, OVA measurements (ppmv – parts per million by volume) were used to aid in the selection of samples submitted to the laboratory. OVA readings were observed in Geoprobe borings (GB-1, GB-2, and GB-5) at levels ranging from 100 to 2,000 ppmv. Kleinfelder sample data sheets, summarizing the samples collected and OVA readings are included in Appendix B.

KLEINFELDER 3077 Fite Circle, Sacramento, CA 95827-1815 (916) 366-1701 (916) 366-7013 fax

Groundwater was encountered in the seven Geoprobe borings, ranging from 15 to 20 feet bgs. A groundwater sample was collected from each of the seven Geoprobe borings. Temporary PVC pipe and well screen were used to prevent the sides of the boreholes from collapsing so that groundwater could enter the borehole and be sampled. Groundwater samples were collected from the borings by placing new plastic tubing down the PVC pipe and using a peristaltic pump to remove and transfer water into bottles prepared by the laboratory. The groundwater sample containers were labeled and placed in an iced cooler, pending transfer to the laboratory for analysis.

The following five areas were selected for Geoprobe sampling based on potential environmental concerns:

1. Southern Gasoline UST - GB-1 and GB-2 were located near the existing gasoline underground storage tank (UST), located near the southern boundary of the 8 acre parcel. The soil generally consisted of alternating layers of silty sand and sandy silt to the bottom of each boring (22 feet bgs). Hydrocarbon odor and OVA readings were observed in the soil from approximately 8 to 20 feet bgs in the two borings. Groundwater was encountered in the borings at approximately 20 feet bgs. Hydrocarbon odor and sheen were observed in the groundwater samples collected from the two borings.
2. Northern Gasoline UST and Formerly Located Diesel AST - GB-5 was located near the existing gasoline UST and formerly located diesel AST, located south of the house and detached garage. According to the property owner, the formerly located diesel AST was positioned directly above the gasoline UST. The owner authorized Kleinfelder to advance the boring on his property. The soil generally consisted of alternating layers of silty sand and sandy silt to the bottom of the boring (21 feet bgs). Hydrocarbon odor and OVA readings were observed in the soil from approximately 11 to 17 feet bgs. Groundwater was encountered at approximately 17 feet bgs. Hydrocarbon odor was
3. Southern Formerly Located Diesel AST - GB-3 and GB-4 were located near the formerly located diesel aboveground storage tank (AST), located approximately 50 feet northeast of the shop shed. The soil generally consisted of alternating layers of silty sand and sandy silt to the bottom of each boring (17 and 20 feet bgs). Hydrocarbon odor and OVA readings were not observed in the soil. Groundwater was encountered in the borings at approximately 15 and 17 feet bgs. Hydrocarbon odor and sheen were not observed in the groundwater samples collected from the two borings.
4. Leach Field - GB-6 was located approximately 10 to 15 feet east of the leach field line, located east of the house. The soil generally consisted of alternating layers of silty sand and sandy silt with lenses of gravel to the bottom of the boring (19 feet bgs). Hydrocarbon odor and OVA readings were not observed in the soil. Groundwater was encountered at approximately 18 feet bgs. Hydrocarbon odor and sheen were not observed in the groundwater sample collected from the boring.
5. Potential Off Site Source (Natomas Airport) - GB-7 was located near the northwest corner of the property. Information obtained from the Phase I ESA indicated that the former Natomas Airport, located northwest of the site, had an UST leak and groundwater was impacted with hydrocarbon constituents. Because the groundwater gradient was reported to be in a southern direction, Kleinfelder elected to advance a boring to evaluate potential hydrocarbon impact in groundwater. The soil generally consisted of alternating layers of silty sand and sandy silt with loose/heaving sand near the bottom of the boring (22 feet bgs). Hydrocarbon odor and OVA readings were not observed in the soil. Groundwater was encountered at approximately 19 feet bgs. Hydrocarbon odor and sheen were not observed in the groundwater sample collected from the boring.

To reduce the potential for cross-contamination between the probe borings, Geoprobe sampling equipment was cleaned prior to advancing each boring. The borings were backfilled with a cement grout to surface grade upon completion of the sampling. At the end of each day, a representative of SCEMD was present for grout inspection and approved the grouting method. A copy of Kleinfelder's field protocol is included in Appendix C.

Hand Auger Sampling

On August 22, 2003, Kleinfelder collected shallow soil samples from 10 locations (S-1 through S-10) throughout the site. Sample locations are shown on Plate 2. The maximum sample depth obtained was approximately 2 feet bgs. A hand trowel, hand auger, and slide hammer sampling device were used to obtain soil samples. This technique was less invasive than drilling, and was sufficient for the shallow sampling depths.

Surface soil samples were collected at a maximum depth of six inches bgs using a stainless steel hand trowel. Samples were obtained by scooping the soil with the stainless steel hand trowel into glass jars provided by the analytical laboratory. Samples collected below six inches were obtained by using a hand auger and slide hammer. The hand auger was used to advance the boring to the desired sample depth. Soil samples were obtained by driving a 2-inch diameter by 6-inch long brass tube into the soil using a slide hammer, forcing soil into the brass sample tube. The brass tube was then removed from the boring and sealed with Teflon sheeting and plastic end caps. The samples were labeled and placed into an iced cooler pending transportation to the analytical laboratory under chain-of-custody protocols. The hand auger borings were backfilled with native soil.

The following three areas were selected for shallow soil sampling based on potential environmental concerns:

1. Shop Shed - Samples were collected from locations S-1 and S-2 to evaluate environmental concerns associated with the shop shed, located near the southern boundary of the property. The surface soil sample collected from S-1 was obtained from beneath a 55-gallon drum that had leaked out a black sludge onto the ground. The surface soil sample collected from S-2 was obtained from near the center of the inside of the shop shed where soil staining was observed. The samples from S-1 and S-2 had a hydrocarbon odor.
2. Soil Berm - Samples were collected from locations S-3, S-5, and S-7 to assess the soil berm located along the eastern boundary fence line. The property owner indicated that he authorized the soil to be placed on his property and that the soil was generated during the construction of nearby Tanzanite Park. The owner also indicated that he obtained a report that showed elevated lead, selenium, diesel, and motor oil in the soil. Kleinfelder collected a soil sample from each of the three borings.
3. Agricultural Fields - Samples were collected from locations GB-7, S-4, S-6, S-8, S-9, and S-10 to evaluate potential environmental concerns associated with former agricultural fields/pesticide usage. The locations were selected based on aerial photograph review and discussions with the property owner.

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No odor, staining, or OVA readings were observed in the samples collected from the three areas. To reduce the potential for cross-contamination, the hand trowel, hand auger, and slide hammer were cleaned with a non-phosphate soap and rinsed with deionized water prior to each sample location. Kleinfelder staff used a new pair of nitrile gloves at each sample location. Copies of the field sample data sheets, which include sample locations, date, time, etc., are included in Appendix B.

Domestic Well Sampling

The subject property contained two domestic wells (Plate 2). One well was located in a wooden pump house near the southern boundary of the property, west of the shop shed. A pump was hooked up to the well; however, it was not operational. The property owner indicated that the well has not supplied water to the residence since the early 1990s. Because the pump did not function and the well could not be easily accessed, Kleinfelder did not collect a groundwater sample from this well.

The well that supplies water to the residence was located near the center of the property. Water from the well is pumped into a water storage tank (approximately 1,000 gallons), located adjacent to the well. Kleinfelder typically collects well water samples from the associated tank. However, the property owner requested that Kleinfelder not collect a sample directly from the tank because the valve on the tank had not been accessed in the past and may not close once opened. Therefore, Kleinfelder collected a water sample from the closest water spigot to the well (approximately 150 feet southwest of the well). Prior to collecting the water sample, the property owner turned on the sprinkler system to remove stagnant water from the tank and replace it with water from the well. Kleinfelder then opened the valve on the spigot, and filled the sample bottles. The sample bottles were labeled and placed into an iced cooler pending transportation to the analytical laboratory under chain-of-custody protocols.

LABORATORY ANALYSIS

A total of 26 samples (18 soil and 8 water) were submitted for laboratory analyses. The samples were submitted under chain-of-custody control to California Laboratory Services (CLS), of Rancho Cordova, California for analysis. CLS is certified by the State of California for the requested analyses. As outlined in Kleinfelder's August 12, 2003 proposal and based on potential environmental concerns observed during the time of sampling, the samples were analyzed for one or more of the following constituents:

- Total petroleum hydrocarbons (TPH) extractable as diesel and motor oil,
- TPH purgeable as gasoline,
- Benzene, toluene, ethylbenzene, and xylenes (BTEX),
- Five fuel oxygenates (MTBE, ETBE, TAME, TBA, and DIPE),
- Volatile Organic Compounds (VOCs)
- Organochlorine Pesticides
- CAM 17 Metals
- Nitrate as NO_3

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ANALYTICAL RESULTS

Southern Gasoline UST

One soil and one groundwater sample were each analyzed from GB-1 and GB-2 (total of four samples). Diesel was detected at 530,000 and 200,000 ug/kg in the soil samples and at 5,600 and 6,000 ug/L in the groundwater samples. Gasoline was detected at 1,400,000 and 880,000 ug/kg in the soil samples and at 120,000 and 2,600,00 ug/L in the groundwater samples. MTBE was detected at 4,500 ug/kg in the soil sample from GB-1. Benzene, toluene, ethylbenzene, and xylenes were detected from 1,700 to 280,000 ug/kg in the two soil samples and from 1,300 to 47,000 ug/L in the two groundwater samples. Motor oil was not detected above laboratory reporting limits in the four samples.

Northern Gasoline UST and Formerly Located Diesel AST

Two soil and one groundwater samples were analyzed from GB-5. Motor oil was detected at 10,000 ug/kg in the soil sample collected from 3.5 to 4 feet bgs. Diesel was detected at 19,000 ug/kg in the soil sample collected from 10.5 to 11 feet bgs and at 4,400 ug/L in the groundwater sample. Gasoline was detected at 1,400 ug/kg in the soil sample collected from 10.5 to 11 feet bgs and at 23,000 ug/L in the groundwater sample. MTBE was detected at 12 ug/kg in the soil sample collected from 10.5 to 11 feet bgs and at 57 ug/L in the groundwater sample. Benzene, toluene, ethylbenzene, and xylenes were detected from 5 to 1,400 ug/kg in the soil samples collected from 10.5 to 11 feet bgs and from 970 to 23,000 ug/L in the groundwater sample.

Southern Formerly Located Diesel AST

Two soil and two groundwater samples were analyzed from GB-3 and GB-4. Motor oil was detected at 7,800 and 12,000 ug/kg in the soil samples and at 2,300 ug/L in one of the groundwater samples. Diesel, gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits.

Leach Field

One soil and one groundwater sample were analyzed from GB-6. Motor oil was detected at 5,900 ug/kg in the soil sample collected from 1.5 to 2 feet bgs. Diesel, gasoline, BTEX, the five fuel oxygenates, and organochlorine pesticides were not detected above laboratory reporting limits in the soil and groundwater samples. The VOC naphthalene was detected at 9.3 ug/L in the groundwater sample. VOCs were not detected in the soil sample.

Potential Off Site Source (Natomas Airport)

A groundwater sample was analyzed from GB-7. Motor oil, diesel, gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits.

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Shop Shed

Motor oil was detected at 13,000,000 ug/kg in the soil sample collected from S-1, near the 55 gallon drum and at 4,700,000 ug/kg in the soil sample collected from S-2, in the stained soil inside the shed. Diesel, gasoline, BTEX, the five fuel oxygenates, VOCs and organochlorine pesticides were not detected above laboratory reporting limits in the soil samples collected from S-1 and S-2.

Select CAM 17 metals were detected in the two soil samples. Lead was detected at 150 mg/kg in the sample from S-1 and at 540 mg/kg in the sample from S-2. A low concentration of mercury was detected at 0.15 mg/kg in the sample from S-2.

Soil Berm

Three soil samples were collected from locations S-3, S-5, and S-7 to assess the soil berm. Motor oil was detected in each sample ranging from 6,000 to 470,000 ug/kg. Diesel, gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits. The organochlorine pesticide 4,4'-DDE was detected at 11 ug/kg in the sample collected from S-7, located near the north end of the berm. Organochlorine pesticides were not detected above laboratory reporting limits in the other two soil samples. Select CAM 17 metals were detected in the three soil samples. Low concentrations of mercury were detected in each of three soil samples ranging from 0.11 to 0.85 mg/kg.

Agricultural Fields

Six soil samples were collected from locations GB-7, S-4, S-6, S-8, S-9, and S-10 to assess the former agricultural fields for pesticides and CAM 17 metals. The organochlorine pesticide 4,4'-DDT was detected at 4.4 ug/kg in the sample collected from S-8, located in the northeast area of the property. Organochlorine pesticides were not detected above laboratory reporting limits in the other five soil samples. Select CAM 17 metals were detected in the six soil samples. A low concentration of mercury was detected 0.14 mg/kg in the soil sample collected from S-4, located in the southeast area of the property.

Domestic Well

Diesel, motor oil, gasoline, BTEX, the five fuel oxygenates, VOCs, and organochlorine pesticides were not detected above laboratory reporting limits in the domestic well groundwater sample. Low concentrations of select CAM 17 metals were detected in the groundwater sample. Nitrate as NO3 was detected at 2,900 ug/L in the groundwater sample.

Analytical results are presented in Table 1 and Table 2. Copies of chain-of-custody forms and analytical laboratory reports are included in Appendix D.

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CONCLUSIONS

Kleinfelder compared the detected concentrations in the soil samples to the U.S. Environmental Protection Agency's Preliminary Remediation Goals (PRGs) for sites with residential land uses. PRGs are risk-based concentrations derived by EPA to screen soil for potential health effects, based on the intended land use. Assumption of residential land use is a conservative assumption appropriate for initial risk-based screening. Chemical concentrations in soil above the PRG suggest that further evaluation of potential risks at the site is warranted.

In addition, we compared the concentrations reported in the groundwater samples to Water Quality Goals set by the Regional Water Quality Control Board (RWQCB). MCLs are "enforceable standards" for human health protection from chemicals in drinking water. The RWQCB has not developed maximum contaminant levels (MCLs) for diesel, motor oil, gasoline; therefore, comparisons were not possible.

USTs

Although the lateral and vertical extent has not been assessed, the soil and groundwater near the northern and southern USTs have been impacted with petroleum hydrocarbons.

The southern gasoline UST was located near the southern boundary of the 8-acre parcel. The eastern top of the tank was exposed, constructed of steel, and had a metal tag that read "Gasoline". Based on the size of the cement pad constructed over the tank and the curvature of the exposed tank, the capacity/size of the tank is estimated to be approximately 500 gallons. The property owner indicated that the tank had not been used since 1974.

The northern gasoline UST was located south of the house and detached garage. Based on information provided by the property owner, the capacity/size of the tank is approximately 500 gallons and is no longer used for fueling operations.

It is Kleinfelder's understanding that Beazer Homes intends on purchasing land that includes only the southern UST. Therefore, Kleinfelder recommends that the UST and affected soil be removed by a licensed contractor followed by confirmation soil/groundwater sampling. If extensive soil or groundwater contamination is encountered during the removal of the tank then alternative remediation measures need to be evaluated. Kleinfelder can provide Beazer Homes with a cost estimate and proposal for the UST removal.

ASTs

The location of one of the formerly located diesel AST was approximately 50 feet northeast of the shop shed. The soil and groundwater near the AST have been impacted with motor oil. Because the AST was reported to contain diesel, the source of motor oil is unknown.

The other formerly located diesel AST was directly over the UST located south of the house and detached garage. Geoprobe boring GB-5 was advanced approximately 10 feet north of the UST. Diesel that may have been associated with the former AST was detected in the soil and groundwater samples from GB-5. The AST has been removed; however, impacted soil remains.

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Leach Field

Motor oil was detected at 5,900 ug/kg in the soil sample collected from 1.5 to 2 feet bgs. The source of the motor oil is unknown. Diesel, gasoline, BTEX, the five fuel oxygenates, and organochlorine pesticides were not detected above laboratory reporting limits in the soil and groundwater samples. The VOC naphthalene was detected at 9.3 ug/L in the groundwater sample. The RWQCB has not established a MCL for naphthalene; therefore, a comparison was not possible. However, the EPA has established a PRG of 6.2 ug/L for naphthalene in tap water. The detected concentration in the groundwater is slightly above the PRG.

Potential Off Site Source (Natomas Airport)

Information obtained from the Phase I ESA indicated that the former Natomas Airport, located northwest of the site, had an UST leak and groundwater was impacted with hydrocarbon constituents. Because the groundwater gradient was reported to be in a southern direction, Kleinfelder collected a groundwater sample from (GB-7), located near the northwest corner of the property to evaluate potential hydrocarbon impact in groundwater. Motor oil, diesel, gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits. Based on the analytical results and groundwater gradient direction obtained from the Phase I ESA, the property does not appear to be impacted by the Natomas Airport UST leak.

Shop Shed

Elevated concentrations of motor oil were detected in the soil samples collected from S-1 (beneath the 55 gallon drum) and S-2 (inside the shed). A low concentration of mercury was detected at 0.15 mg/kg in the sample from S-2, which was slightly above the PRG of 0 mg/kg established for mercury. Lead was detected at 150 mg/kg in the sample from S-1 and at 540 mg/kg in the sample from S-2, which were at and above the established PRG of 150 mg/kg, respectively. Kleinfelder recommends that the visibly stained surface soil inside the shed and near the base of the 55 gallon drum be excavated and transported under manifest to an approved disposal facility. Kleinfelder can provide services including: coordination for the excavation and disposal of the impacted soil, and confirmation sampling following the removal of the impacted soil.

Agricultural Fields and Soil Berm

The two pesticides, 4,4-DDE and 4,4-DDT, were detected in the sample collected from S-7 (soil berm) and S-8 (northeast area of the property and former agricultural field) at concentrations well below the PRG of 220 ug/kg. Based on the analytical results, Kleinfelder does not recommend additional assessment of persistent pesticides at the property.

Elevated concentrations of motor oil were detected in the three samples (S-3, S-5, and S-7) collected from the soil berm. The results correspond with the property owner's soil report, which showed concentrations of diesel and motor oil in the soil. However, elevated lead and selenium were not detected in the soil berm.

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Mercury was detected at low concentrations in the soil samples collected from S-3, S-5, and S-7 (soil berm) and S-4 (southeast area of the property and agricultural field), slightly above the PRG of 0 mg/kg established for mercury. Mercury concentrations in the soil samples ranged from 0.11 to 0.85 mg/kg. The source of mercury is unknown; however, based on the low concentrations (slightly above the laboratory reporting limit of 0.10 mg/kg), Kleinfelder does not recommend further assessment of mercury at the property.

Domestic Wells

Nitrate was the only constituent detected (2,900 ug/L) in the groundwater sample collected from the northern operable domestic well. The detected concentration was well below the established MCL of 45,000 ug/L. The southern (inoperable) well was not sampled due to access issues; therefore, the water chemistry has not been assessed.

If Beazer Homes does not intend on using the domestic wells as a water source, the wells should be properly destroyed according to Sacramento County Environmental Management Department guidelines. Kleinfelder can provide Beazer with a cost estimate and proposal for the destruction of the wells.

In summary, the soil and groundwater have been impacted primarily with petroleum hydrocarbons in select areas of the property. It is important to note that, for some of the samples, the laboratory reporting limits for petroleum hydrocarbons were elevated due to the high concentrations present. Therefore, although the results for those samples indicate some constituents were not detected above laboratory reporting limits (ND), the constituents may be present at concentrations below the elevated reporting limit.

LIMITATIONS

This report is subject to the limitations and conditions included in our existing contract with Beazer Homes. The scope of services performed during the limited Phase II sampling were not intended to be inclusive, to identify all potential concerns, or to eliminate the possibility of environmental problems. Within current technology, no level of assessment can show conclusively that a property or its structures are completely free of hazardous substances. Therefore, Kleinfelder cannot offer a certification that the property is clear of environmental liability.

This report was prepared in general accordance with accepted standards of care which exist in Northern California at the time the investigation was performed. The scope of work was limited to sampling near-surface soil at eight locations throughout the site. Conclusions are based on information obtained from analytical results provided by California Laboratory Services (CLS) and information provided by the client. It should be recognized that definition and evaluation of subsurface conditions are a difficult and inexact art. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present. More extensive studies, including additional subsurface investigations, may reduce the inherent uncertainties associated with subsurface modeling. If the client wishes to reduce the uncertainty beyond the level associated with this study, Kleinfelder should be notified for additional consultation. No warranty, expressed or implied, is made.

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This report may be used only by the client and only for the purposes stated, within a reasonable time from its issuance. Land use, site conditions (both on site and off site) or other factors may change over time, and additional work may be required with the passage of time.

If you have any questions or need additional information, please contact me at 916-366-1701.

Sincerely,

KLEINFELDER, INC.

Steven C. Dalton
Staff Geologist

Pamela A. Wee, D. Env.
Senior Project Manager

SCD:PAW:sev

Plates

Plate 1 - Site Location Map
Plate 2 - Site and Sample Location Map

Tables

Table 1 - Summary Analytical Results
Table 2 - Summary Analytical Results (metals)

Appendices

A SCEMD Permit
B Kleinfelder Sample Data Sheets
C Kleinfelder Field Protocol
D Chain-of-Custody Forms and Laboratory Analytical Reports

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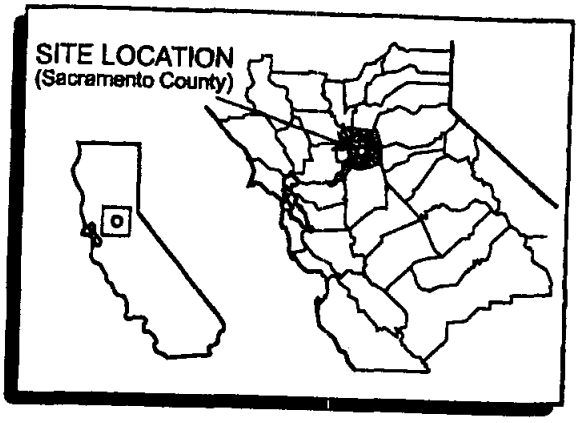
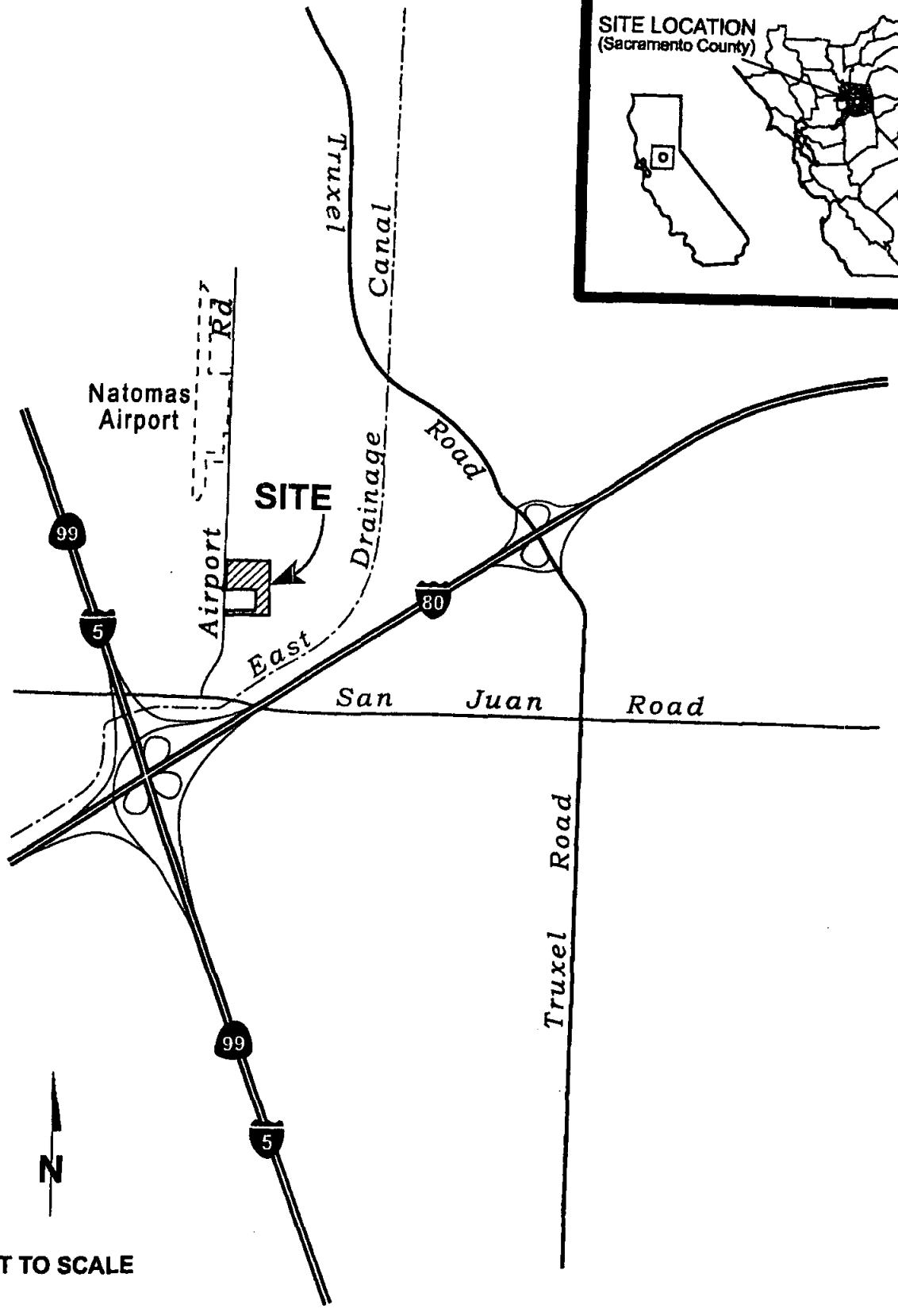


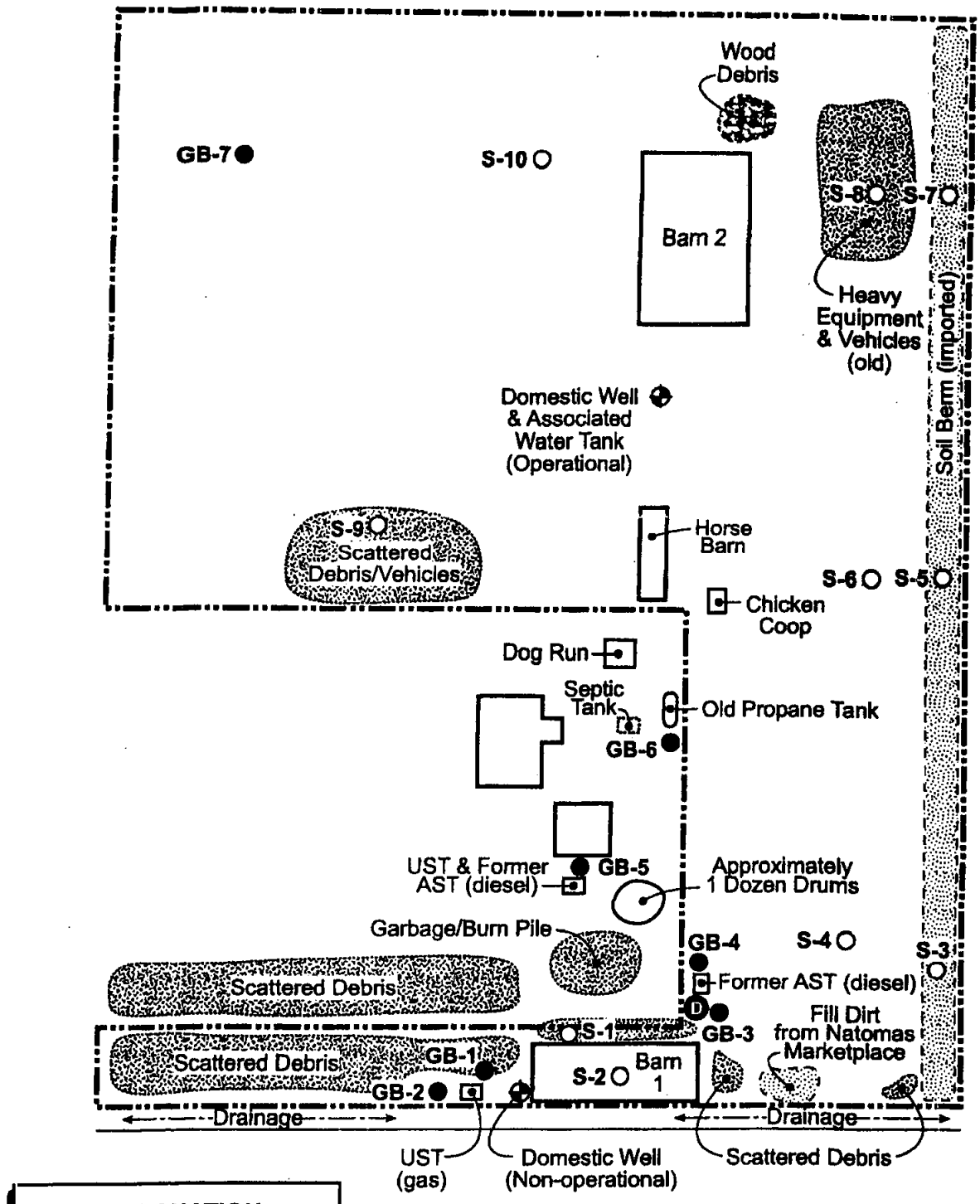


KLEINFELDER

Drawn By: D. Shelhart	Date: 9-2-2003
Project No. 34352-1	Filename: 2856a.fh10

SITE LOCATION MAP
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1



EXPLANATION

- Site Boundary
- D Drums
- Domestic Well
- GB-1 ● Geoprobe Boring
- S-1 ○ Soil Surface Sample

APPROXIMATE SCALE: 1-inch = 100-feet

0 50 100 200

N

KLEINFELDER

Drawn By: D. Shelhart
Project No. 34352-1

Date: 9-2-2003
Filename: 2856b.fh10

SITE MAP

3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 2

KLEINFELDER
An employee owned company

LUFT

September 25, 2003
File: 34352-002

Mr. Barry Marcus
County of Sacramento
Environmental Management Department
8475 Jackson Road, Suite 230
Sacramento, CA 95826

Dear Mr. Marcus:

Enclosed is the Limited Phase II Soil and Groundwater Assessment Report for 3600 Airport Road, Sacramento, California.

Please let me know if you need any additional information or have any questions.

Sincerely,

KLEINFELDER, INC.

Steven C. Dalton
Staff Geologist

SCD:sev

cc: Ms. Carol Hill, Beazer Homes

34352-002\SAC3L404

KLEINFELDER
An employee owned company

September 5, 2003
34352-002

LUFT

Ms. Carol Hill
Beazer Homes
3009 Douglas Boulevard, Ste. 150
Roseville, California 95661

Subject: Limited Phase II Soil and Groundwater Assessment
3600 Airport Road
Sacramento, California

Dear Ms. Hill:

Attached are the analytical results for the Geoprobe Soil and Groundwater Assessment conducted on August 20 and 22, 2003 at the property located at 3600 Airport Road in Sacramento, California (Plates 1 and 2). The Geoprobe sampling was performed to obtain additional data to evaluate potential environmental impacts associated with the former agricultural activities on the property. Kleinfelder understands that the property is an approximately 8-acre parcel used in the past for agricultural purposes and that approximately 6 acres are intended for purchase by Beazer Homes for residential development.

Kleinfelder also conducted a Phase I Environmental Site Assessment (ESA) of the property. A separate report of findings includes an evaluation of the information obtained from this investigation.

BACKGROUND

Kleinfelder was retained by Beazer Homes to conduct a Phase I ESA of the subject site concurrently with Phase II sampling. Beazer Homes requested sampling prior to purchasing the property, and required sampling results no later than September 6, 2003. Based on information provided by Beazer Homes, conditions on site that may present an environmental concern include:

- Two wells,
- Septic tank and leach field,
- Two underground gasoline storage tanks,
- Two overhead (aboveground) diesel storage tanks, and
- Shop shed.

A garbage pile (burn pit) and animal facilities located on the parcel were also listed as a potential environmental concern; however, this area was not located on the land Beazer intends to purchase. Therefore, Kleinfelder did not assess this area.

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Information on specific constituents of concern or known contamination had not been provided, however, based on the reported site activities, potential constituents of concern may include pesticides, metals, petroleum hydrocarbons (gasoline and diesel), volatile organic compounds (VOCs), and nitrates. The property was formerly used for agricultural activities. The owner has advised Beazer Homes that "items have been stored/dumped/used on this site which could require clean-up". Therefore, Ms. Carol Hill of Beazer Homes requested Phase II sampling to investigate potential source(s) of contamination on the property. Kleinfelder prepared a scope of work, outlined in a Soil and Groundwater Assessment proposal dated, August 12, 2003, to address the potential environmental concerns.

PERMITTING AND PRELIMINARY SITE VISIT

The Sacramento County Environmental Management Department (SCEMD) requires a permit for borings drilled within 10 feet of groundwater. Based on information obtained from the Phase I ESA, shallow groundwater was anticipated to be present at approximately 20 feet below ground surface (bgs). Kleinfelder submitted a boring permit application and associated fees for the Geoprobe borings to Sacramento County. A copy of the approved permit is included in Appendix A.

In addition, Kleinfelder conducted a site visit to evaluate potential boring locations and drill rig access. Underground Service Alert was notified at least 48 hours prior to advancing the borings to notify local utilities of the proposed subsurface assessment.

FIELD ACTIVITIES

Geoprobe Boring Sampling

On August 20 and 22, 2003, seven Geoprobe borings (GB-1 through GB-7) were advanced to depths ranging from 17 to 22 feet bgs. Geoprobe boring locations are shown on Plate 2. En-Prob Environmental Probing of Oroville, California advanced the Geoprobe borings. While sampling, an environmental geologist logged and classified the soil, and collected soil and groundwater samples for laboratory analysis. Soil samples were obtained from the borings by advancing a Geoprobe core sampler. This consisted of a hollow rod with plastic tubing inside. The probe was driven/pushed at the desired depth, over a 4-foot interval, while the soil sample was collected and contained inside the plastic tubing. Once the sample was brought to the surface, the desired interval was obtained, and the ends of the tubing were sealed with Teflon tape and plastic caps. The soil sample containers were labeled and placed in an iced cooler, pending transfer to the laboratory for analysis.

Prior to sealing the sample tubes, a portable organic vapor analyzer (OVA) was used to screen the samples. OVA readings provide a qualitative indication of volatile organic constituents in the samples, OVA measurements (ppmv – parts per million by volume) were used to aid in the selection of samples submitted to the laboratory. OVA readings were observed in Geoprobe borings (GB-1, GB-2, and GB-5) at levels ranging from 100 to 2,000 ppmv. Kleinfelder sample data sheets, summarizing the samples collected and OVA readings are included in Appendix B.

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Groundwater was encountered in the seven Geoprobe borings, ranging from 15 to 20 feet bgs. A groundwater sample was collected from each of the seven Geoprobe borings. Temporary PVC pipe and well screen were used to prevent the sides of the boreholes from collapsing so that groundwater could enter the borehole and be sampled. Groundwater samples were collected from the borings by placing new plastic tubing down the PVC pipe and using a peristaltic pump to remove and transfer water into bottles prepared by the laboratory. The groundwater sample containers were labeled and placed in an iced cooler, pending transfer to the laboratory for analysis.

The following five areas were selected for Geoprobe sampling based on potential environmental concerns:

1. Southern Gasoline UST - GB-1 and GB-2 were located near the existing gasoline underground storage tank (UST), located near the southern boundary of the 8 acre parcel. The soil generally consisted of alternating layers of silty sand and sandy silt to the bottom of each boring (22 feet bgs). Hydrocarbon odor and OVA readings were observed in the soil from approximately 8 to 20 feet bgs in the two borings. Groundwater was encountered in the borings at approximately 20 feet bgs. Hydrocarbon odor and sheen were observed in the groundwater samples collected from the two borings.
2. Northern Gasoline UST and Formerly Located Diesel AST - GB-5 was located near the existing gasoline UST and formerly located diesel AST, located south of the house and detached garage. According to the property owner, the formerly located diesel AST was positioned directly above the gasoline UST. The owner authorized Kleinfelder to advance the boring on his property. The soil generally consisted of alternating layers of silty sand and sandy silt to the bottom of the boring (21 feet bgs). Hydrocarbon odor and OVA readings were observed in the soil from approximately 11 to 17 feet bgs. Groundwater was encountered at approximately 17 feet bgs. Hydrocarbon odor was
3. Southern Formerly Located Diesel AST - GB-3 and GB-4 were located near the formerly located diesel aboveground storage tank (AST), located approximately 50 feet northeast of the shop shed. The soil generally consisted of alternating layers of silty sand and sandy silt to the bottom of each boring (17 and 20 feet bgs). Hydrocarbon odor and OVA readings were not observed in the soil. Groundwater was encountered in the borings at approximately 15 and 17 feet bgs. Hydrocarbon odor and sheen were not observed in the groundwater samples collected from the two borings.
4. Leach Field - GB-6 was located approximately 10 to 15 feet east of the leach field line, located east of the house. The soil generally consisted of alternating layers of silty sand and sandy silt with lenses of gravel to the bottom of the boring (19 feet bgs). Hydrocarbon odor and OVA readings were not observed in the soil. Groundwater was encountered at approximately 18 feet bgs. Hydrocarbon odor and sheen were not observed in the groundwater sample collected from the boring.
5. Potential Off Site Source (Natomas Airport) - GB-7 was located near the northwest corner of the property. Information obtained from the Phase I ESA indicated that the former Natomas Airport, located northwest of the site, had an UST leak and groundwater was impacted with hydrocarbon constituents. Because the groundwater gradient was reported to be in a southern direction, Kleinfelder elected to advance a boring to evaluate potential hydrocarbon impact in groundwater. The soil generally consisted of alternating layers of silty sand and sandy silt with loose/heaving sand near the bottom of the boring (22 feet bgs). Hydrocarbon odor and OVA readings were not observed in the soil. Groundwater was encountered at approximately 19 feet bgs. Hydrocarbon odor and sheen were not observed in the groundwater sample collected from the boring.

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To reduce the potential for cross-contamination between the probe borings, Geoprobe sampling equipment was cleaned prior to advancing each boring. The borings were backfilled with a cement grout to surface grade upon completion of the sampling. At the end of each day, a representative of SCEMD was present for grout inspection and approved the grouting method. A copy of Kleinfelder's field protocol is included in Appendix C.

Hand Auger Sampling

On August 22, 2003, Kleinfelder collected shallow soil samples from 10 locations (S-1 through S-10) throughout the site. Sample locations are shown on Plate 2. The maximum sample depth obtained was approximately 2 feet bgs. A hand trowel, hand auger, and slide hammer sampling device were used to obtain soil samples. This technique was less invasive than drilling, and was sufficient for the shallow sampling depths.

Surface soil samples were collected at a maximum depth of six inches bgs using a stainless steel hand trowel. Samples were obtained by scooping the soil with the stainless steel hand trowel into glass jars provided by the analytical laboratory. Samples collected below six inches were obtained by using a hand auger and slide hammer. The hand auger was used to advance the boring to the desired sample depth. Soil samples were obtained by driving a 2-inch diameter by 6-inch long brass tube into the soil using a slide hammer, forcing soil into the brass sample tube. The brass tube was then removed from the boring and sealed with Teflon sheeting and plastic end caps. The samples were labeled and placed into an iced cooler pending transportation to the analytical laboratory under chain-of-custody protocols. The hand auger borings were backfilled with native soil.

The following three areas were selected for shallow soil sampling based on potential environmental concerns:

1. Shop Shed - Samples were collected from locations S-1 and S-2 to evaluate environmental concerns associated with the shop shed, located near the southern boundary of the property. The surface soil sample collected from S-1 was obtained from beneath a 55-gallon drum that had leaked out a black sludge onto the ground. The surface soil sample collected from S-2 was obtained from near the center of the inside of the shop shed where soil staining was observed. The samples from S-1 and S-2 had a hydrocarbon odor.
2. Soil Berm - Samples were collected from locations S-3, S-5, and S-7 to assess the soil berm located along the eastern boundary fence line. The property owner indicated that he authorized the soil to be placed on his property and that the soil was generated during the construction of nearby Tanzanite Park. The owner also indicated that he obtained a report that showed elevated lead, selenium, diesel, and motor oil in the soil. Kleinfelder collected a soil sample from each of the three borings.
3. Agricultural Fields - Samples were collected from locations GB-7, S-4, S-6, S-8, S-9, and S-10 to evaluate potential environmental concerns associated with former agricultural fields/pesticide usage. The locations were selected based on aerial photograph review and discussions with the property owner.

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No odor, staining, or OVA readings were observed in the samples collected from the three areas. To reduce the potential for cross-contamination, the hand trowel, hand auger, and slide hammer were cleaned with a non-phosphate soap and rinsed with deionized water prior to each sample location. Kleinfelder staff used a new pair of nitrile gloves at each sample location. Copies of the field sample data sheets, which include sample locations, date, time, etc., are included in Appendix B.

Domestic Well Sampling

The subject property contained two domestic wells (Plate 2). One well was located in a wooden pump house near the southern boundary of the property, west of the shop shed. A pump was hooked up to the well; however, it was not operational. The property owner indicated that the well has not supplied water to the residence since the early 1990s. Because the pump did not function and the well could not be easily accessed, Kleinfelder did not collect a groundwater sample from this well.

The well that supplies water to the residence was located near the center of the property. Water from the well is pumped into a water storage tank (approximately 1,000 gallons), located adjacent to the well. Kleinfelder typically collects well water samples from the associated tank. However, the property owner requested that Kleinfelder not collect a sample directly from the tank because the valve on the tank had not been accessed in the past and may not close once opened. Therefore, Kleinfelder collected a water sample from the closest water spigot to the well (approximately 150 feet southwest of the well). Prior to collecting the water sample, the property owner turned on the sprinkler system to remove stagnant water from the tank and replace it with water from the well. Kleinfelder then opened the valve on the spigot, and filled the sample bottles. The sample bottles were labeled and placed into an iced cooler pending transportation to the analytical laboratory under chain-of-custody protocols.

LABORATORY ANALYSIS

A total of 26 samples (18 soil and 8 water) were submitted for laboratory analyses. The samples were submitted under chain-of-custody control to California Laboratory Services (CLS), of Rancho Cordova, California for analysis. CLS is certified by the State of California for the requested analyses. As outlined in Kleinfelder's August 12, 2003 proposal and based on potential environmental concerns observed during the time of sampling, the samples were analyzed for one or more of the following constituents:

- Total petroleum hydrocarbons (TPH) extractable as diesel and motor oil,
- TPH purgeable as gasoline,
- Benzene, toluene, ethylbenzene, and xylenes (BTEX),
- Five fuel oxygenates (MTBE, ETBE, TAME, TBA, and DIPE),
- Volatile Organic Compounds (VOCs)
- Organochlorine Pesticides
- CAM 17 Metals
- Nitrate as NO_3

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ANALYTICAL RESULTS

Southern Gasoline UST

One soil and one groundwater sample were each analyzed from GB-1 and GB-2 (total of four samples). Diesel was detected at 530,000 and 200,000 ug/kg in the soil samples and at 5,600 and 6,000 ug/L in the groundwater samples. Gasoline was detected at 1,400,000 and 880,000 ug/kg in the soil samples and at 120,000 and 2,600,00 ug/L in the groundwater samples. MTBE was detected at 4,500 ug/kg in the soil sample from GB-1. Benzene, toluene, ethylbenzene, and xylenes were detected from 1,700 to 280,000 ug/kg in the two soil samples and from 1,300 to 47,000 ug/L in the two groundwater samples. Motor oil was not detected above laboratory reporting limits in the four samples.

Northern Gasoline UST and Formerly Located Diesel AST

Two soil and one groundwater samples were analyzed from GB-5. Motor oil was detected at 10,000 ug/kg in the soil sample collected from 3.5 to 4 feet bgs. Diesel was detected at 19,000 ug/kg in the soil sample collected from 10.5 to 11 feet bgs and at 4,400 ug/L in the groundwater sample. Gasoline was detected at 1,400 ug/kg in the soil sample collected from 10.5 to 11 feet bgs and at 23,000 ug/L in the groundwater sample. MTBE was detected at 12 ug/kg in the soil sample collected from 10.5 to 11 feet bgs and at 57 ug/L in the groundwater sample. Benzene, toluene, ethylbenzene, and xylenes were detected from 5 to 1,400 ug/kg in the soil samples collected from 10.5 to 11 feet bgs and from 970 to 23,000 ug/L in the groundwater sample.

Southern Formerly Located Diesel AST

Two soil and two groundwater samples were analyzed from GB-3 and GB-4. Motor oil was detected at 7,800 and 12,000 ug/kg in the soil samples and at 2,300 ug/L in one of the groundwater samples. Diesel, gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits.

Leach Field

One soil and one groundwater sample were analyzed from GB-6. Motor oil was detected at 5,900 ug/kg in the soil sample collected from 1.5 to 2 feet bgs. Diesel, gasoline, BTEX, the five fuel oxygenates, and organochlorine pesticides were not detected above laboratory reporting limits in the soil and groundwater samples. The VOC naphthalene was detected at 9.3 ug/L in the groundwater sample. VOCs were not detected in the soil sample.

Potential Off Site Source (Natomas Airport)

A groundwater sample was analyzed from GB-7. Motor oil, diesel, gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits.

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Shop Shed

Motor oil was detected at 13,000,000 ug/kg in the soil sample collected from S-1, near the 55 gallon drum and at 4,700,000 ug/kg in the soil sample collected from S-2, in the stained soil inside the shed. Diesel, gasoline, BTEX, the five fuel oxygenates, VOCs and organochlorine pesticides were not detected above laboratory reporting limits in the soil samples collected from S-1 and S-2.

Select CAM 17 metals were detected in the two soil samples. Lead was detected at 150 mg/kg in the sample from S-1 and at 540 mg/kg in the sample from S-2. A low concentration of mercury was detected at 0.15 mg/kg in the sample from S-2.

Soil Berm

Three soil samples were collected from locations S-3, S-5, and S-7 to assess the soil berm. Motor oil was detected in each sample ranging from 6,000 to 470,000 ug/kg. Diesel, gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits. The organochlorine pesticide 4,4'-DDE was detected at 11 ug/kg in the sample collected from S-7, located near the north end of the berm. Organochlorine pesticides were not detected above laboratory reporting limits in the other two soil samples. Select CAM 17 metals were detected in the three soil samples. Low concentrations of mercury were detected in each of three soil samples ranging from 0.11 to 0.85 mg/kg.

Agricultural Fields

Six soil samples were collected from locations GB-7, S-4, S-6, S-8, S-9, and S-10 to assess the former agricultural fields for pesticides and CAM 17 metals. The organochlorine pesticide 4,4'-DDT was detected at 4.4 ug/kg in the sample collected from S-8, located in the northeast area of the property. Organochlorine pesticides were not detected above laboratory reporting limits in the other five soil samples. Select CAM 17 metals were detected in the six soil samples. A low concentration of mercury was detected 0.14 mg/kg in the soil sample collected from S-4, located in the southeast area of the property.

Domestic Well

Diesel, motor oil, gasoline, BTEX, the five fuel oxygenates, VOCs, and organochlorine pesticides were not detected above laboratory reporting limits in the domestic well groundwater sample. Low concentrations of select CAM 17 metals were detected in the groundwater sample. Nitrate as NO3 was detected at 2,900 ug/L in the groundwater sample.

Analytical results are presented in Table 1 and Table 2. Copies of chain-of-custody forms and analytical laboratory reports are included in Appendix D.

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CONCLUSIONS

Kleinfelder compared the detected concentrations in the soil samples to the U.S. Environmental Protection Agency's Preliminary Remediation Goals (PRGs) for sites with residential land uses. PRGs are risk-based concentrations derived by EPA to screen soil for potential health effects, based on the intended land use. Assumption of residential land use is a conservative assumption appropriate for initial risk-based screening. Chemical concentrations in soil above the PRG suggest that further evaluation of potential risks at the site is warranted.

In addition, we compared the concentrations reported in the groundwater samples to Water Quality Goals set by the Regional Water Quality Control Board (RWQCB). MCLs are "enforceable standards" for human health protection from chemicals in drinking water. The RWQCB has not developed maximum contaminant levels (MCLs) for diesel, motor oil, gasoline; therefore, comparisons were not possible.

USTs

Although the lateral and vertical extent has not been assessed, the soil and groundwater near the northern and southern USTs have been impacted with petroleum hydrocarbons.

The southern gasoline UST was located near the southern boundary of the 8-acre parcel. The eastern top of the tank was exposed, constructed of steel, and had a metal tag that read "Gasoline". Based on the size of the cement pad constructed over the tank and the curvature of the exposed tank, the capacity/size of the tank is estimated to be approximately 500 gallons. The property owner indicated that the tank had not been used since 1974.

The northern gasoline UST was located south of the house and detached garage. Based on information provided by the property owner, the capacity/size of the tank is approximately 500 gallons and is no longer used for fueling operations.

It is Kleinfelder's understanding that Beazer Homes intends on purchasing land that includes only the southern UST. Therefore, Kleinfelder recommends that the UST and affected soil be removed by a licensed contractor followed by confirmation soil/groundwater sampling. If extensive soil or groundwater contamination is encountered during the removal of the tank then alternative remediation measures need to be evaluated. Kleinfelder can provide Beazer Homes with a cost estimate and proposal for the UST removal.

ASTs

The location of one of the formerly located diesel AST was approximately 50 feet northeast of the shop shed. The soil and groundwater near the AST have been impacted with motor oil. Because the AST was reported to contain diesel, the source of motor oil is unknown.

The other formerly located diesel AST was directly over the UST located south of the house and detached garage. Geoprobe boring GB-5 was advanced approximately 10 feet north of the UST. Diesel that may have been associated with the former AST was detected in the soil and groundwater samples from GB-5. The AST has been removed; however, impacted soil remains.

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Leach Field

Motor oil was detected at 5,900 ug/kg in the soil sample collected from 1.5 to 2 feet bgs. The source of the motor oil is unknown. Diesel, gasoline, BTEX, the five fuel oxygenates, and organochlorine pesticides were not detected above laboratory reporting limits in the soil and groundwater samples. The VOC naphthalene was detected at 9.3 ug/L in the groundwater sample. The RWQCB has not established a MCL for naphthalene; therefore, a comparison was not possible. However, the EPA has established a PRG of 6.2 ug/L for naphthalene in tap water. The detected concentration in the groundwater is slightly above the PRG.

Potential Off Site Source (Natomas Airport)

Information obtained from the Phase I ESA indicated that the former Natomas Airport, located northwest of the site, had an UST leak and groundwater was impacted with hydrocarbon constituents. Because the groundwater gradient was reported to be in a southern direction, Kleinfelder collected a groundwater sample from (GB-7), located near the northwest corner of the property to evaluate potential hydrocarbon impact in groundwater. Motor oil, diesel, gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits. Based on the analytical results and groundwater gradient direction obtained from the Phase I ESA, the property does not appear to be impacted by the Natomas Airport UST leak.

Shop Shed

Elevated concentrations of motor oil were detected in the soil samples collected from S-1 (beneath the 55 gallon drum) and S-2 (inside the shed). A low concentration of mercury was detected at 0.15 mg/kg in the sample from S-2, which was slightly above the PRG of 0 mg/kg established for mercury. Lead was detected at 150 mg/kg in the sample from S-1 and at 540 mg/kg in the sample from S-2, which were at and above the established PRG of 150 mg/kg, respectively. Kleinfelder recommends that the visibly stained surface soil inside the shed and near the base of the 55 gallon drum be excavated and transported under manifest to an approved disposal facility. Kleinfelder can provide services including: coordination for the excavation and disposal of the impacted soil, and confirmation sampling following the removal of the impacted soil.

Agricultural Fields and Soil Berm

The two pesticides, 4,4-DDE and 4,4-DDT, were detected in the sample collected from S-7 (soil berm) and S-8 (northeast area of the property and former agricultural field) at concentrations well below the PRG of 220 ug/kg. Based on the analytical results, Kleinfelder does not recommend additional assessment of persistent pesticides at the property.

Elevated concentrations of motor oil were detected in the three samples (S-3, S-5, and S-7) collected from the soil berm. The results correspond with the property owner's soil report, which showed concentrations of diesel and motor oil in the soil. However, elevated lead and selenium were not detected in the soil berm.

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Mercury was detected at low concentrations in the soil samples collected from S-3, S-5, and S-7 (soil berm) and S-4 (southeast area of the property and agricultural field), slightly above the PRG of 0 mg/kg established for mercury. Mercury concentrations in the soil samples ranged from 0.11 to 0.85 mg/kg. The source of mercury is unknown; however, based on the low concentrations (slightly above the laboratory reporting limit of 0.10 mg/kg), Kleinfelder does not recommend further assessment of mercury at the property.

Domestic Wells

Nitrate was the only constituent detected (2,900 ug/L) in the groundwater sample collected from the northern operable domestic well. The detected concentration was well below the established MCL of 45,000 ug/L. The southern (inoperable) well was not sampled due to access issues; therefore, the water chemistry has not been assessed.

If Beazer Homes does not intend on using the domestic wells as a water source, the wells should be properly destroyed according to Sacramento County Environmental Management Department guidelines. Kleinfelder can provide Beazer with a cost estimate and proposal for the destruction of the wells.

In summary, the soil and groundwater have been impacted primarily with petroleum hydrocarbons in select areas of the property. It is important to note that, for some of the samples, the laboratory reporting limits for petroleum hydrocarbons were elevated due to the high concentrations present. Therefore, although the results for those samples indicate some constituents were not detected above laboratory reporting limits (ND), the constituents may be present at concentrations below the elevated reporting limit.

LIMITATIONS

This report is subject to the limitations and conditions included in our existing contract with Beazer Homes. The scope of services performed during the limited Phase II sampling were not intended to be inclusive, to identify all potential concerns, or to eliminate the possibility of environmental problems. Within current technology, no level of assessment can show conclusively that a property or its structures are completely free of hazardous substances. Therefore, Kleinfelder cannot offer a certification that the property is clear of environmental liability.

This report was prepared in general accordance with accepted standards of care which exist in Northern California at the time the investigation was performed. The scope of work was limited to sampling near-surface soil at eight locations throughout the site. Conclusions are based on information obtained from analytical results provided by California Laboratory Services (CLS) and information provided by the client. It should be recognized that definition and evaluation of subsurface conditions are a difficult and inexact art. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present. More extensive studies, including additional subsurface investigations, may reduce the inherent uncertainties associated with subsurface modeling. If the client wishes to reduce the uncertainty beyond the level associated with this study, Kleinfelder should be notified for additional consultation. No warranty, expressed or implied, is made.

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This report may be used only by the client and only for the purposes stated, within a reasonable time from its issuance. Land use, site conditions (both on site and off site) or other factors may change over time, and additional work may be required with the passage of time.

If you have any questions or need additional information, please contact me at 916-366-1701.

Sincerely,

KLEINFELDER, INC.

Steven C. Dalton
Staff Geologist

Pamela A. Wee, D. Env.
Senior Project Manager

SCD:PAW:sev

Plates

Plate 1 - Site Location Map
Plate 2 - Site and Sample Location Map

Tables

Table 1 - Summary Analytical Results
Table 2 - Summary Analytical Results (metals)

Appendices

A SCEMD Permit
B Kleinfelder Sample Data Sheets
C Kleinfelder Field Protocol
D Chain-of-Custody Forms and Laboratory Analytical Reports

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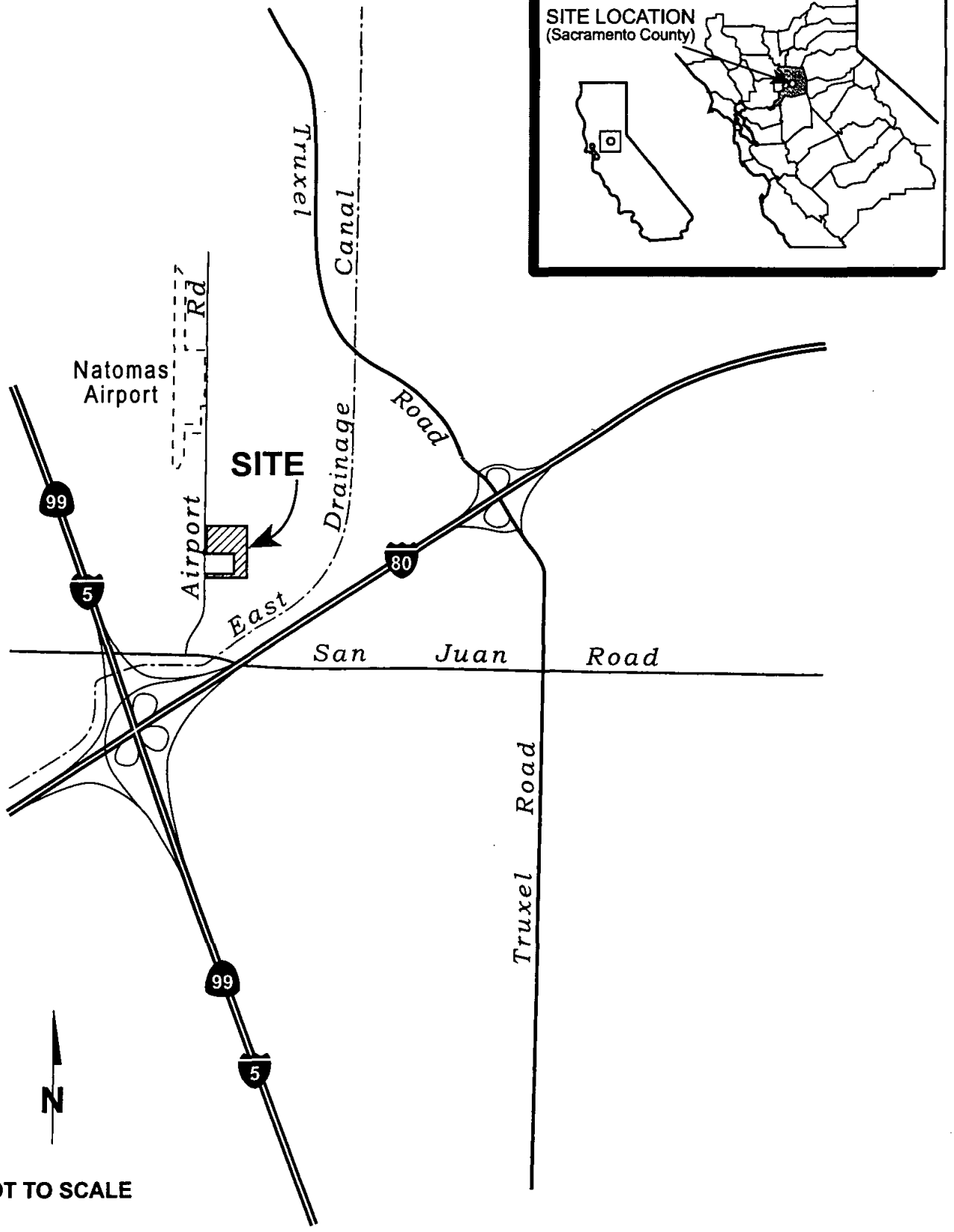


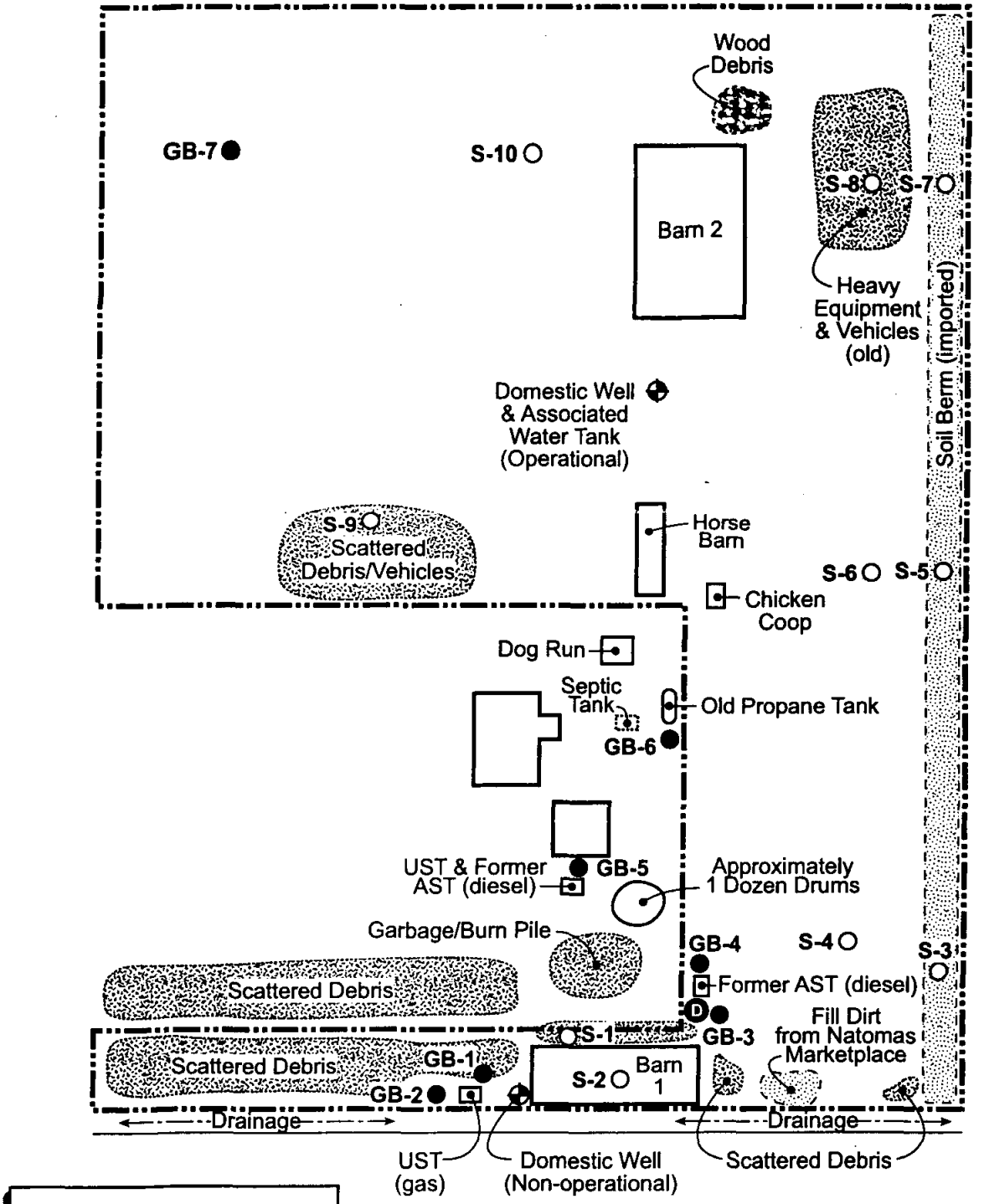
KLEINFELDER

Drawn By: D. Shelhart
Project No. 34352-1

Date: 9-2-2003
Filename: 2856a.fh10

SITE LOCATION MAP
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1



EXPLANATION

- Site Boundary
- D Drums
- Domestic Well
- GB-1 Geoprobe Boring
- S-1 Soil Surface Sample

APPROXIMATE SCALE: 1-inch = 100-feet

0 50 100 200

N

KLEINFELDER

Drawn By: D. Shelhart	Date: 9-2-2003
Project No. 34352-1	Filename: 2856b.fh10

SITE MAP

3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 2

Table 1
Summary of Analytical Results
3600 Airport Road
Sacramento, California
34352-002

Sample Location		Sample Number	Sample Date	Sample Depth (Feet)	TPH Diesel	TPH Motor Oil	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	VOCs	5 Oxygenates	Organochlorine Pesticides	Nitrate as NO3	Reporting Units
GB-1	soil	30001	8/20/03	9.5--10	530000	ND	1400000	1700	110000	37000	280000		4500 (MTBE)			ug/kg
	water	11112	8/20/03		5600	ND	120000	34000	27000	1300	4400		ND			ug/L
GB-2	soil	30002	8/20/03	13.5--14	200000	ND	880000	3000	69000	20000	100000		ND			ug/kg
	water	11113	8/20/03		6000	ND	2600000	47000	42000	2300	12000		ND			ug/L
GB-3	soil	30003	8/20/03	3.5--4	ND	12000	ND	ND	ND	ND	ND		ND			ug/kg
	water	11114	8/20/03		ND	ND	ND	ND	ND	ND	ND		ND			ug/L
GB-4	soil	30004	8/20/03	8.5--9	ND	7800	ND	ND	ND	ND	ND		ND			ug/kg
	water	11115	8/20/03		ND	2300	ND	ND	ND	ND	ND		ND			ug/L
GB-5	soil	30005	8/20/03	3.5--4	ND	10000	ND	ND	ND	ND	ND		ND			ug/kg
	soil	30006	8/20/03	10.5--11	19000	ND	1400	7.9	5	21	83		12 (MTBE)			ug/kg
	water	11116	8/20/03		4400	ND	23000	2500	1900	970	3500		57 (MTBE)			ug/L
GB-6	soil	30007	8/22/03	1.5--2	ND	5900	ND	ND	ND	ND	ND	ND	ND	ND		ug/kg
	water	11119	8/22/03		ND	ND	ND	ND	ND	ND	ND	9.3 (Naphthalene)	ND	ND		ug/L
GB-7	soil	30008	8/22/03	surface--0.5										ND		ug/kg
	water	11120	8/22/03		ND	ND	ND	ND	ND	ND	ND		ND			ug/L
S-1	soil	00001	8/22/03	surface	ND	13000000	ND	ND	ND	ND	ND	ND	ND	ND		ug/kg
S-2	soil	00002	8/22/03	surface	ND	4700000	ND	ND	ND	ND	ND	ND	ND	ND		ug/kg
S-3	soil	00005	8/22/03	0.5--1	ND	6000	ND	ND	ND	ND	ND		ND	ND		ug/kg
S-4	soil	00006	8/22/03	surface--0.5										ND		ug/kg
S-5	soil	00008	8/22/03	1--1.5	ND	470000	ND	ND	ND	ND	ND		ND	ND		ug/kg
S-6	soil	00009	8/22/03	surface--0.5										ND		ug/kg
S-7	soil	00011	8/22/03	1--1.5	ND	54000	ND	ND	ND	ND	ND		ND	11 (4,4'-DDE)		ug/kg
S-8	soil	00012	8/22/03	surface--0.5										4.4 (4,4'-DDT)		ug/kg
S-9	soil	00014	8/22/03	surface--0.5										ND		ug/kg
S-10	soil	00015	8/22/03	surface--0.5										ND		ug/kg
Domestic Well	water	20001	8/22/03	1--1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2900	ug/L

ND - none detected above laboratory reporting limits
Blank cells : not analyzed

ug/kg : micrograms per kilogram (parts per billion)
ug/L : micrograms per liter (parts per billion)

Table 2
Summary of Analytical Results (Metals)
3600 Airport Road
Sacramento, California
34352-002

Sample Location	Sample Number	Sample Date	Sample Depth (Feet)	Arsenic	Selenium	Thallium	Antimony	Barium	Beryllium	Cadmium	Cobalt	Chromium	Copper	Lead	Molybdenum	Nickel	Silver	Vanadium	Zinc	Mercury	Reporting Units
PRG (Residential Soil)				*22*	*390*	*5.2*	*31*	*5,400*	*150*	***17*	*900*	*210*	*3,100*	***150*	*390*	*1,600*	*390*	*550*	*23,000*	*0*	*mg/kg*
GB-7 soil	30008	8/22/03	surface--0.5	2.1	ND	ND	ND	340	ND	0.66	30	49	28	65	ND	72	8.7	56	39	ND	mg/kg
S-1 soil	00001	8/22/03	surface	4.3	ND	ND	ND	270	ND	4.3	13	40	41	**150**	1.2	43	7.6	41	400	ND	mg/kg
S-2 soil	00002	8/22/03	surface	7.8	ND	ND	8.3	600	ND	10	11	33	150	**540**	4.2	52	11	22	4200	**0.15**	mg/kg
S-3 soil	00005	8/22/03	0.5--1	5	ND	ND	ND	130	ND	ND	17	61	30	6.2	ND	90	10	57	57	**0.11**	mg/kg
S-4 soil	00006	8/22/03	surface--0.5	5	ND	ND	ND	170	0.53	0.84	16	66	41	13	ND	70	12	73	70	**0.14**	mg/kg
S-5 soil	00008	8/22/03	1--1.5	8.2	ND	ND	ND	200	0.52	1.8	14	72	73	33	1.4	59	12	88	140	**0.85**	mg/kg
S-6 soil	00009	8/22/03	surface--0.5	4.3	ND	ND	ND	400	ND	0.84	50	50	34	12	ND	150	10	65	58	ND	mg/kg
S-7 soil	00011	8/22/03	1--1.5	7.8	ND	ND	ND	140	ND	0.86	14	44	39	16	ND	52	8.8	61	72	**0.53**	mg/kg
S-8 soil	00012	8/22/03	surface--0.5	4.1	ND	ND	ND	160	ND	0.66	18	45	33	23	ND	61	8.9	48	82	ND	mg/kg
S-9 soil	00014	8/22/03	surface--0.5	3.8	ND	ND	ND	200	0.5	0.79	19	56	34	9.3	ND	74	11	61	47	ND	mg/kg
S-10 soil	00015	8/22/03	surface--0.5	3.3	ND	ND	ND	230	ND	0.5	23	46	45	8	ND	67	9.3	56	52	ND	mg/kg

Notes:
ND : none detected above laboratory reporting limits
mg/kg : milligrams per kilogram (parts per million)

**: Cal-Modified PRG
Bolded concetrations signify that they were detected at or above PRG

ENVIRONMENTAL HEALTH DIVISION 875-8440
HAZARDOUS MATERIALS DIVISION 875-8550

WELL APPLICATION and PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT
8475 JACKSON ROAD, SUITE 230/240
SACRAMENTO, CA 95826

Paid expedited fee $72

FOR OFFICE USE ONLY 138877 To 138886

☐ DISAPPROVED ☒ APPROVED Date Received: 8/12/03 Permit Number: SR 10156
☐ APPROVED WITH CONDITIONS (See attachment) Date Issued: 8/15/03 Census Tract:
By: O. Bonilla Date: 8/15/03 Total Fee: $ 72.00 Receipt Number: IN 93052
Grout inspection By: Date: / / Deferred By: Site Number None
Actual Well Depth: Actual Grout Depth: Final Inspection By: Date: / /
Depth to first Water: Well Destruction Inspection By: Date: / /
Reinspection By: Date(s): Fee @ Prevaling Rate: $

COMMENTS: Advance 10 Geoprobe borings to depths ranging from 5 to 20 ft bgs.

APPLICATION FOR A PERMIT TO PERFORM WORK AT THE LOCATION AS INDICATED BELOW: (2) DWB

Inspecting Division: ☐ ENVIRONMENTAL HEALTH ☒ HAZARDOUS MATERIALS
Site Address: 3600 Airport Rd City: Sacramento Zip:
Nearest Major Cross Street: San Juan Rd Parcel Number:
Property Owner: Beazer Homes Phone Number: 916-773-3888
Owner's Address: 3009 Douglas Blvd. Suite 150 City: Roseville Zip: 95661
Well Contractor: En Prob Environmental Probing License Number: 777007 Type: C-57
Contractor Address: P.O. Box 6093 Expiration Date: 4/30/2004
City: Oroville Zip: 95966 Phone: 530-589-2099 Well (Boring) Identification Number: [redacted]
GB-1 to GB-10

WORK TO BE PERFORMED:

☐ Construct Well, (C-57 Lic. Req.) ☐ Install New Pump, (C-57, C-61 or Class A) ☐ Test Hole With Destruction (C-57 Lic. Req.)
☐ Deepen Well, (C-57 Lic. Req.) ☐ Repair/Replace Pump, (C-57, C-61 or Class A) ☐ Inactivation Permit , Owner Only
☐ Repair Well, (C-57 Lic. Req.) ☐ Destroy Well (C-57 Lic. Required) ☑ Other (state) Geoprobe borings

Comments: Obtain soil and groundwater samples for laboratory analysis

DISTANCE TO NEAREST: Leach Field: Leach Pit: Septic Tank: Sewer Line:
Stream, ditch, Drainage Canal: 100 year flood plain:

INTENDED USE:
☐ Domestic/Private
☐ Public Water System
☐ Irrigation
☐ Cathodic Protection
☐ Monitoring
☐ Extraction/Recovery
☑ Other (state)

DRILLING METHOD:
☐ Auger
☐ Cable Tool
☑ Driven Geoprobe
☐ Rotary
☐ Other (state)

CONSTRUCTION SPECIFICATIONS
BOREHOLE: Diameter: 2 inch Depth: 5 to 20 ft Gravel Pack: ☐ Yes ☑ No
CASING: Diameter: — Depth: —
If Steel, Gauge: — or Thickness: —
If Plastic, Type: — (MUST MEET ASTM F-480)
If Conductor, Diameter: — Depth: —
GROUT: Depth: 0 to (5 to 20 ft) Sealing Material: cement
TRANSITION SEAL: Material: — Interval: —

Comments: Soil / GW Investigation
PUMP INSTALLATION/REPAIR: Contractor: — License Number: —
Type of Pump: — Horse Power: — License Type: — Expiration Date: —
WELL/TEST HOLE DESTRUCTION: Diameter: — Total Depth: — Depth to Water: —

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating well construction, call for a grout/destruction inspection at least 48 hours prior to placement of sealing material, notify the Department within 5 days of the completion of my work so a final inspection can be made and obtain final approval before placing the well in service.

Signature: Steven C. Dalton ☐ Property Owner ☐ Well Contractor
Print Name: Steven C. Dalton ☐ Agent for Property Owner* ☑ Agent for Well Contractor*
Company: Kleinfelder Phone: 916-366-1701 *Authorization Verified By: See attached
Mailing Address: 3077 Fite Circle City, State, Zip: Sacramento, CA 95827

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION
PERMIT EXPIRES ONE (1) YEAR FROM DATE ISSUED

SAMPLE DATA SHEET KLEINFELDER

Project Name 3600 Airport Rd - Beazer

Project No. 34352-002

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No. Steve Dalton 4178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-1	8-20-03	0905		3.5-4	0			soil
		0910		6.5-7	0			
		0915	30001	9.5-10	100			
		0920		11.5-12	1500			
		0930		13.5-14	1400			
		0940		15.5-16	1700			
		0950		17.5-18	1100			
		1000		19.5-20	1200			
		1030	11112	—	—			water
GB-2		1050		3.5-4	0			soil
		1100		8.5-9	900			
		1110		10.5-11	2000			
		1120	30002	13.5-14	1200			
		1130		15.5-16	900			
		1140		17.5-18	1500			
		1200	11113	—	—			water
GB-3		1300	30003	3.5-4	0			soil
		1305		6.5-7	0			
		1310		8.5-9	0			
		1315		11.5-12	0			
		1320		14.5-15	0			
		1325		16.5-17	0			
		1340	11114	—	—			water

SAMPLE DATA SHEET

KLEINFELDER

Project Name 3600 Airport Rd - Beazer

Project No. 34352-002

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No. Steve Dalton 4178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-4	8-20-03	1415		3.5-4	0			soil
		1420		6.5-7	0			
		1430	30004	8.5-9	0			
		1440		12.5-13	0			
		1500	11115	—	—			water
GB-5		1520	30005	3.5-4	0			soil
		1525		5.5-6	0			
		1530		8.5-9	0			
		1535	30006	10.5-11	300			
		1540		14.5-15	400			
		1545		16.5-17	150			
		1600	11116	—	—			water
GB-6	8-22-03	1335	30007	1.5-2	0			soil
				3.5-4	0			
		1350	11119	—	—			water
GB-7		1415	30008	0-.5	0			soil
		1416		2-2.5	0			
		1420		3.5-4	0			
		1440	11120	—	—			water

SAMPLE DATA SHEET

KLEINFELDER

Project Name _____

Project No. _____

P.O. No. _____ / CHAIN-OF-CUSTODY #

Sampler Name, No. _____

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
S-1	8-22-03	0930	00001	surface	2			soil
S-2		0940	00002	surface	1.5			
S-3		1020	00005	.5-1				
S-4		1025	00006	0-.5				
↓		1035	00007	1.5-2				
S-5		1050	00008	1-1.5				
S-6		1100	00009	0-.5				
↓		1110	00010	1.5-2				
S-7		1115	00011	1-1.5				
S-8		1125	00012	0-.5				
↓		1130	00013	.5-1				
S-9		1145	00014	0-.5				
S-10		1150	00015	0-.5				
↓		1200	00016	1-1.5				
(North) Domestic well	↓	1531	20001	—	↓			water

APPENDIX C
KLEINFELDER FIELD PROTOCOL

C-1 FIELD PREPARATION

Before performing work in the field, environmental staff review the scope of work, prepare a health and safety plan, coordinate the work to be done with their supervisor, assemble the necessary sample containers, and check, calibrate and clean equipment to be used in the field. Underground Service Alert (USA) also is contacted prior to work with the boring locations and the scheduled date of drilling, or an utility locating firm can be employed to check the boring locations if requested by the client.

C-2 DRILLING AND SUBSURFACE SOIL SAMPLING

C-2.1 Geoprobe Procedures

Geoprobes are driven and sampled by a subcontractor to Kleinfelder. An attempt is made to penetrate the subsurface at each location. If such penetration is not possible, coring will be performed at an additional cost agreed upon by the client prior to commencement. Samples are collected in accordance with the proposal.

C-2.2 Qualitative Field Screening

An organic vapor detector, such as a Photovac TIP, using a photo-ionization detector (PID) or a Foxboro flame-ionization detector (FID), is used to provide a qualitative screening of each soil sample collected from the borings. The organic vapor detector measures ionizable compounds in the air in parts per million by volume (ppmv). Field calibration is performed using a calibrated span gas. Ambient air is used to set the instrument to zero. The soil contained in the cone of the sampler is exposed and screened with the organic vapor detector. The vapor reading is noted as the field screening result.

For the protection of the field crew, the organic vapor detector also is used to measure the volatile concentrations in the breathing zone prior to and during the installation of the Geoprobes. Total ionizable hydrocarbon readings in excess of 1 ppmv may necessitate respiratory protection for the affected crew members. This requirement is included in the complete field health and safety plan developed for the project prior to the start of fieldwork.

C-2.3 Collection of Geoprobe Soil and Groundwater Samples

The Geoprobes are driven approximately to the depth(s) outlined in the proposal or to first encountered groundwater. Soil samples are obtained by driving a 3/4 to 2 inch galvanized pipe with an insert rod by air hammer to the desired sampling depth. Then, the insert rod is removed and the open pipe driven an additional 2 to 4 feet forcing soil into the pipe end. The pipe is removed from the hole and the end containing the soil sample is removed and sealed with Teflon and plastic caps.

Groundwater samples are collected from the Geoprobe hole using a decontaminated bailer or a peristaltic pump with new tubing, depending on field conditions.

C-2.4 Preparation of Samples

Each sample is individually labeled. The label includes Kleinfelder's name, job number, the date and time the sample was collected, the employee number of the individual who performed the sampling, and a unique five-digit sample identification number.

C-2.5 Sample Handling

After labeling, the sample is immediately stored in an iced cooler for transport to Kleinfelder's office sample control or to the analytical laboratory. A Kleinfelder chain-of-custody form accompanies the cooler. The chain-of-custody form includes Kleinfelder's name, address and telephone number, the employee number of the individual who performed the sampling, the sample numbers, the date and time the samples were collected, the number of containers each sample occupies, and the analyses for which the samples are being submitted, if any. The chain-of-custody form is signed by each person who handles the samples, including all Kleinfelder employees and the receiving employee of office sample control or the analytical laboratory when the samples are delivered.

C-2.6 Decontamination of Equipment

To reduce the potential for cross-contamination, Geoprobe pipe and associated equipment are cleaned with a trisodium-phosphate wash and rinsed with distilled water prior to collecting each soil sample.

C-2.7 Soil Cutting Disposal

It is not anticipated that soil cuttings will be generated requiring disposal during the Geoprobe investigation.

C-2.8 Geoprobe Closure

Upon completion of Geoprobe sampling, the borings are closed by backfilling the borings with a neat cement grout, and/or bentonite.

KLEINFELDER

PROJECT NO.	PROJECT NAME
34352-002	

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)
as above	Steve Dalton

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CON-TAINERS	TYPE OF CON-TAINERS	ANALYSIS: TPH (Diesel + Motor oil)	TPH (Gasoline/BTEX)	5 oxygenates	VOCs (8260)	Organochlorine Pest.	CAM 17 metals	Nitrates					INSTRUCTIONS/REMARKS
1	8-22-03	1025	00006	Soil	1	glass jar				X	X							* continued from COC #
2		1050	00008	Soil	1	glass jar	X	X	X	X	X							16033.
3		1100	00009	Soil	1	brass tube				X	X							
4		1115	00011	Soil	1	glass jar	X	X	X	X	X							
5		1125	00012	Soil	1	brass tube				X	X							
6		1145	00014	Soil	1	brass tube				X	X							
7		1150	00015	Soil	1	brass tube				X	X							
8		1531	20001	water	8	soil VOA	X	X	X	X	X		X					
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		

RECEIVING LAB: CLS

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	8-25-03 1200	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	8-25-03 1700	

Instructions/Remarks: Standard TAT

Send Results To:

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701

Attn: Pam Wee

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

No. 17103

KLEINFELDER

PROJECT NO.	PROJECT NAME
34352-002	

L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)
as above	Steve Dalton - 4178

RECEIVING LAB: CLS

INSTRUCTIONS/REMARKS: Attn: Scott

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: TPH (Diesel + Motor oil)	TPH (Gasoline)	5 oxygenates	VOCs (8260)	Organochlorine Pesticides	CAM 17 metals					
1	8-20-03	0915	30001	soil	1	poly tube	X	X	X								
2		1030	11112	water	5	VOA amber	X	X	X								
3		1120	30002	soil	1	poly tube	X	X	X								
4		1200	11113	water	5	VOA amber	X	X	X								
5		1300	30003	soil	1	poly tube	X	X	X								
6		1340	11114	water	5	VOA amber	X	X	X								
7		1430	30004	soil	1	poly tube	X	X	X								
8		1500	11115	water	5	VOA amber	X	X	X								
9		1520	30005	soil	1	poly tube	X	X	X								
10		1535	30006	soil	1	poly tube	X	X	X								
11		1600	11116	water	5	VOA amber	X	X	X								
12	8-22-03	1335	30007	soil	1	poly tube	X	X	X	X	X						
13		1350	11119	water	6	VOA amber	X	X	X	X	X						
14		1415	30008	soil	1	poly tube					X	X					
15		1440	11120	water	5	VOA amber	X	X	X								
16		0930	00001	soil	1	glass jar	X	X	X	X	X	X					
17		0940	00002	soil	1	glass jar	X	X	X	X	X	X					
18		[illegible]	[illegible]	soil	1	glass jar	X	X	X	X	X	X	Stevens 16				
19		[illegible]	[illegible]	soil	1	glass jar	X	X	X	X	X	X					
20		1020	00005	soil	1	glass jar	X	X	X		X	X					

* Continued on C.o.C 17103

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	8-25-03 | 1200	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	8-27-03 | 1200	Barb Nylon

Instructions/Remarks: Standard TAT

Send Results To:
KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701
Attn: Pam Wee

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

№ 16033

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30008 (CMH0751-14) Soil Sampled: 08/22/03 14:15 Received: 08/25/03 12:00									
Arsenic	**2.1**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	
Thallium	ND	0.50	"	"	"	"	"	"	
Antimony	ND	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	
Barium	**340**	1.0	"	"	"	"	"	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	**0.66**	0.50	"	"	"	"	"	"	
Cobalt	**30**	1.0	"	"	"	"	"	"	
Chromium	**49**	1.0	"	"	"	"	"	"	
Copper	**28**	1.0	"	"	"	"	"	"	
Lead	**65**	2.5	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**72**	1.0	"	"	"	"	"	"	
Silver	**8.7**	0.50	"	"	"	"	"	"	
Vanadium	**56**	1.0	"	"	"	"	"	"	
Zinc	**39**	1.0	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	
DRAFT: 00001 (CMH0751-16) Soil Sampled: 08/22/03 09:30 Received: 08/25/03 12:00									
Arsenic	**4.3**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	
Thallium	ND	0.50	"	"	"	"	"	"	
Antimony	ND	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	
Barium	**270**	1.0	"	"	"	"	"	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	**4.3**	0.50	"	"	"	"	"	"	
Cobalt	**13**	1.0	"	"	"	"	"	"	
Chromium	**40**	1.0	"	"	"	"	"	"	
Copper	**41**	1.0	"	"	"	"	"	"	
Lead	**150**	2.5	"	"	"	"	"	"	
Molybdenum	**1.2**	1.0	"	"	"	"	"	"	
Nickel	**43**	1.0	"	"	"	"	"	"	
Silver	**7.6**	0.50	"	"	"	"	"	"	
Vanadium	**41**	1.0	"	"	"	"	"	"	
Zinc	**400**	1.0	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	
DRAFT: 00002 (CMH0751-17) Soil Sampled: 08/22/03 09:40 Received: 08/25/03 12:00									
Arsenic	**7.8**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	
Thallium	ND	0.50	"	"	"	"	"	"	
Antimony	**8.3**	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	
Barium	**600**	1.0	"	"	"	"	"	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	**10**	0.50	"	"	"	"	"	"	
Cobalt	**11**	1.0	"	"	"	"	"	"	
Chromium	**33**	1.0	"	"	"	"	"	"	
Copper	**150**	1.0	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00002 (CMH0751-17) Soil Sampled: 08/22/03 09:40 Received: 08/25/03 12:00									
Lead	**540**	2.5	mg/kg	1	CH32912	08/29/03	08/29/03	EPA 6010B	
Molybdenum	**4.2**	1.0	"	"	"	"	"	"	
Nickel	**52**	1.0	"	"	"	"	"	"	
Silver	**11**	0.50	"	"	"	"	"	"	
Vanadium	**22**	1.0	"	"	"	"	"	"	
Zinc	**4200**	1.0	"	"	"	"	"	"	
Mercury	**0.15**	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	
DRAFT: 00005 (CMH0751-18) Soil Sampled: 08/22/03 10:20 Received: 08/25/03 12:00									
Arsenic	**5.0**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	
Thallium	ND	0.50	"	"	"	"	"	"	
Antimony	ND	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	
Barium	**130**	1.0	"	"	"	"	"	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
Cobalt	**17**	1.0	"	"	"	"	"	"	
Chromium	**61**	1.0	"	"	"	"	"	"	
Copper	**30**	1.0	"	"	"	"	"	"	
Lead	**6.2**	2.5	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**90**	1.0	"	"	"	"	"	"	
Silver	**10**	0.50	"	"	"	"	"	"	
Vanadium	**57**	1.0	"	"	"	"	"	"	
Zinc	**57**	1.0	"	"	"	"	"	"	
Mercury	**0.11**	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	
DRAFT: 00006 (CMH0751-19) Soil Sampled: 08/22/03 10:25 Received: 08/25/03 12:00									
Arsenic	**5.0**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	
Thallium	ND	0.50	"	"	"	"	"	"	
Antimony	ND	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	
Barium	**170**	1.0	"	"	"	"	"	"	
Beryllium	**0.53**	0.50	"	"	"	"	"	"	
Cadmium	**0.84**	0.50	"	"	"	"	"	"	
Cobalt	**16**	1.0	"	"	"	"	"	"	
Chromium	**66**	1.0	"	"	"	"	"	"	
Copper	**41**	1.0	"	"	"	"	"	"	
Lead	**13**	2.5	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**70**	1.0	"	"	"	"	"	"	
Silver	**12**	0.50	"	"	"	"	"	"	
Vanadium	**73**	1.0	"	"	"	"	"	"	
Zinc	**70**	1.0	"	"	"	"	"	"	
Mercury	**0.14**	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	
DRAFT: 00008 (CMH0751-20) Soil Sampled: 08/22/03 10:50 Received: 08/25/03 12:00									
Arsenic	**8.2**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00008 (CMH0751-20) Soil Sampled: 08/22/03 10:50 Received: 08/25/03 12:00									
Thallium	ND	0.50	mg/kg	1	CH32909	08/29/03	08/29/03	EPA 7000	
Antimony	ND	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	
Barium	**200**	1.0	"	"	"	"	"	"	
Beryllium	**0.52**	0.50	"	"	"	"	"	"	
Cadmium	**1.8**	0.50	"	"	"	"	"	"	
Cobalt	**14**	1.0	"	"	"	"	"	"	
Chromium	**72**	1.0	"	"	"	"	"	"	
Copper	**73**	1.0	"	"	"	"	"	"	
Lead	**33**	2.5	"	"	"	"	"	"	
Molybdenum	**1.4**	1.0	"	"	"	"	"	"	
Nickel	**59**	1.0	"	"	"	"	"	"	
Silver	**12**	0.50	"	"	"	"	"	"	
Vanadium	**88**	1.0	"	"	"	"	"	"	
Zinc	**140**	1.0	"	"	"	"	"	"	
Mercury	**0.85**	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	
DRAFT: 00009 (CMH0751-21) Soil Sampled: 08/22/03 11:00 Received: 08/25/03 12:00									
Arsenic	**4.3**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	
Thallium	ND	0.50	"	"	"	"	"	"	
Antimony	ND	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	
Barium	**400**	1.0	"	"	"	"	"	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	**0.84**	0.50	"	"	"	"	"	"	
Cobalt	**50**	1.0	"	"	"	"	"	"	
Chromium	**50**	1.0	"	"	"	"	"	"	
Copper	**34**	1.0	"	"	"	"	"	"	
Lead	**12**	2.5	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**150**	1.0	"	"	"	"	"	"	
Silver	**10**	0.50	"	"	"	"	"	"	
Vanadium	**65**	1.0	"	"	"	"	"	"	
Zinc	**58**	1.0	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	
DRAFT: 00011 (CMH0751-22) Soil Sampled: 08/22/03 11:15 Received: 08/25/03 12:00									
Arsenic	**7.8**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	
Thallium	ND	0.50	"	"	"	"	"	"	
Antimony	ND	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	
Barium	**140**	1.0	"	"	"	"	"	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	**0.86**	0.50	"	"	"	"	"	"	
Cobalt	**14**	1.0	"	"	"	"	"	"	
Chromium	**44**	1.0	"	"	"	"	"	"	
Copper	**39**	1.0	"	"	"	"	"	"	
Lead	**16**	2.5	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00011 (CMH0751-22) Soil	**Sampled: 08/22/03 11:15**	**Received: 08/25/03 12:00**							
Nickel	**52**	1.0	mg/kg	1	CH32912	08/29/03	08/29/03	EPA 6010B	
Silver	**8.8**	0.50	"	"	"	"	"	"	
Vanadium	**61**	1.0	"	"	"	"	"	"	
Zinc	**72**	1.0	"	"	"	"	"	"	
Mercury	**0.53**	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	
DRAFT: 00012 (CMH0751-23) Soil	**Sampled: 08/22/03 11:25**	**Received: 08/25/03 12:00**							
Arsenic	**4.1**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	
Thallium	ND	0.50	"	"	"	"	"	"	
Antimony	ND	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	
Barium	**160**	1.0	"	"	"	"	"	"	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	**0.66**	0.50	"	"	"	"	"	"	
Cobalt	**18**	1.0	"	"	"	"	"	"	
Chromium	**45**	1.0	"	"	"	"	"	"	
Copper	**33**	1.0	"	"	"	"	"	"	
Lead	**23**	2.5	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**61**	1.0	"	"	"	"	"	"	
Silver	**8.9**	0.50	"	"	"	"	"	"	
Vanadium	**48**	1.0	"	"	"	"	"	"	
Zinc	**82**	1.0	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	
DRAFT: 00014 (CMH0751-24) Soil	**Sampled: 08/22/03 11:45**	**Received: 08/25/03 12:00**							
Arsenic	**3.8**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	
Thallium	ND	0.50	"	"	"	"	"	"	
Antimony	ND	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	
Barium	**200**	1.0	"	"	"	"	"	"	
Beryllium	**0.50**	0.50	"	"	"	"	"	"	
Cadmium	**0.79**	0.50	"	"	"	"	"	"	
Cobalt	**19**	1.0	"	"	"	"	"	"	
Chromium	**56**	1.0	"	"	"	"	"	"	
Copper	**34**	1.0	"	"	"	"	"	"	
Lead	**9.3**	2.5	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**74**	1.0	"	"	"	"	"	"	
Silver	**11**	0.50	"	"	"	"	"	"	
Vanadium	**61**	1.0	"	"	"	"	"	"	
Zinc	**47**	1.0	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	
DRAFT: 00015 (CMH0751-25) Soil	**Sampled: 08/22/03 11:50**	**Received: 08/25/03 12:00**							
Arsenic	**3.3**	2.0	mg/kg	4	CH32909	08/29/03	08/29/03	EPA 7000	
Selenium	ND	0.50	"	1	"	"	"	"	
Thallium	ND	0.50	"	"	"	"	"	"	
Antimony	ND	2.5	"	"	CH32912	08/29/03	08/29/03	EPA 6010B	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00015 (CMH0751-25) Soil	**Sampled: 08/22/03 11:50**		**Received: 08/25/03 12:00**						
Barium	**230**	1.0	mg/kg	1	CH32912	08/29/03	08/29/03	EPA 6010B	
Beryllium	ND	0.50	"	"	"	"	"	"	
Cadmium	**0.50**	0.50	"	"	"	"	"	"	
Cobalt	**23**	1.0	"	"	"	"	"	"	
Chromium	**46**	1.0	"	"	"	"	"	"	
Copper	**45**	1.0	"	"	"	"	"	"	
Lead	**8.0**	2.5	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**67**	1.0	"	"	"	"	"	"	
Silver	**9.3**	0.50	"	"	"	"	"	"	
Vanadium	**56**	1.0	"	"	"	"	"	"	
Zinc	**52**	1.0	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	CH32820	08/28/03	08/28/03	EPA 7471	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 20001 (CMH0751-26) Water	**Sampled: 08/22/03 15:31**		**Received: 08/25/03 12:00**						
Nitrate as NO3	**2.9**	0.50	mg/L	1	CH32911	08/25/03	08/25/03	EPA 300.0	A-01a, HT-1

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30001 (CMH0751-01) Soil Sampled: 08/20/03 09:15 Received: 08/25/03 12:00									
Diesel	**530**	10	mg/kg	10	CH32736	08/27/03	08/28/03	EPA 8015M	DSL-1
Motor Oil	ND	10	"	"	"	"	"	"	
DRAFT: 11112 (CMH0751-02) water Sampled: 08/20/03 10:30 Received: 08/25/03 12:00									
Diesel	**5.6**	0.050	mg/L	1	CH32649	08/26/03	08/26/03	EPA 8015M	DSL-1
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 30002 (CMH0751-03) Soil Sampled: 08/20/03 11:20 Received: 08/25/03 12:00									
Diesel	**200**	10	mg/kg	10	CH32736	08/27/03	08/28/03	EPA 8015M	DSL-1
Motor Oil	ND	10	"	"	"	"	"	"	
DRAFT: 11113 (CMH0751-04) water Sampled: 08/20/03 12:00 Received: 08/25/03 12:00									
Diesel	**6.0**	0.050	mg/L	1	CH32649	08/26/03	08/26/03	EPA 8015M	DSL-1
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 30003 (CMH0751-05) Soil Sampled: 08/20/03 13:00 Received: 08/25/03 12:00									
Diesel	ND	1.0	mg/kg	1	CH32736	08/27/03	08/28/03	EPA 8015M	
Motor Oil	**12**	1.0	"	"	"	"	"	"	
DRAFT: 11114 (CMH0751-06) water Sampled: 08/20/03 13:40 Received: 08/25/03 12:00									
Diesel	ND	0.050	mg/L	1	CH32649	08/26/03	08/26/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 30004 (CMH0751-07) Soil Sampled: 08/20/03 14:30 Received: 08/25/03 12:00									
Diesel	ND	1.0	mg/kg	1	CH32736	08/27/03	08/28/03	EPA 8015M	
Motor Oil	**7.8**	1.0	"	"	"	"	"	"	
DRAFT: 11115 (CMH0751-08) water Sampled: 08/20/03 15:00 Received: 08/25/03 12:00									
Diesel	ND	0.050	mg/L	1	CH32649	08/26/03	08/27/03	EPA 8015M	
Motor Oil	**2.3**	0.050	"	"	"	"	"	"	
DRAFT: 30005 (CMH0751-09) Soil Sampled: 08/20/03 15:20 Received: 08/25/03 12:00									
Diesel	ND	1.0	mg/kg	1	CH32736	08/27/03	08/28/03	EPA 8015M	
Motor Oil	**10**	1.0	"	"	"	"	"	"	
DRAFT: 30006 (CMH0751-10) Soil Sampled: 08/20/03 15:35 Received: 08/25/03 12:00									
Diesel	**19**	1.0	mg/kg	1	CH32736	08/27/03	08/28/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 11116 (CMH0751-11) water Sampled: 08/20/03 16:00 Received: 08/25/03 12:00									
Diesel	**4.4**	0.050	mg/L	1	CH32649	08/26/03	08/27/03	EPA 8015M	DSL-1
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 30007 (CMH0751-12) Soil Sampled: 08/22/03 13:35 Received: 08/25/03 12:00									
Diesel	ND	1.0	mg/kg	1	CH32736	08/27/03	08/28/03	EPA 8015M	
Motor Oil	**5.9**	1.0	"	"	"	"	"	"	
DRAFT: 11119 (CMH0751-13) water Sampled: 08/22/03 13:50 Received: 08/25/03 12:00									
Diesel	ND	0.050	mg/L	1	CH32649	08/26/03	08/27/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11120 (CMH0751-15) water Sampled: 08/22/03 14:40 Received: 08/25/03 12:00									
Diesel	ND	0.050	mg/L	1	CH32649	08/26/03	08/27/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 00001 (CMH0751-16) Soil Sampled: 08/22/03 09:30 Received: 08/25/03 12:00									**R-07**

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00001 (CMH0751-16) Soil	**Sampled: 08/22/03 09:30 Received: 08/25/03 12:00**								**R-07**
Diesel	ND	250	mg/kg	50	CH32736	08/27/03	08/28/03	EPA 8015M	
Motor Oil	**13000**	250	"	"	"	"	"	"	
DRAFT: 00002 (CMH0751-17) Soil	**Sampled: 08/22/03 09:40 Received: 08/25/03 12:00**								**R-07**
Diesel	ND	250	mg/kg	50	CH32736	08/27/03	08/28/03	EPA 8015M	
Motor Oil	**4700**	250	"	"	"	"	"	"	
DRAFT: 00005 (CMH0751-18) Soil	**Sampled: 08/22/03 10:20 Received: 08/25/03 12:00**								
Diesel	ND	1.0	mg/kg	1	CH32736	08/27/03	08/28/03	EPA 8015M	
Motor Oil	**6.0**	1.0	"	"	"	"	"	"	
DRAFT: 00008 (CMH0751-20) Soil	**Sampled: 08/22/03 10:50 Received: 08/25/03 12:00**								**R-07**
Diesel	ND	25	mg/kg	5	CH32736	08/27/03	08/28/03	EPA 8015M	
Motor Oil	**470**	25	"	"	"	"	"	"	
DRAFT: 00011 (CMH0751-22) Soil	**Sampled: 08/22/03 11:15 Received: 08/25/03 12:00**								
Diesel	ND	1.0	mg/kg	1	CH32736	08/27/03	08/28/03	EPA 8015M	
Motor Oil	**54**	1.0	"	"	"	"	"	"	
DRAFT: 20001 (CMH0751-26) Water	**Sampled: 08/22/03 15:31 Received: 08/25/03 12:00**								
Diesel	ND	0.050	mg/L	1	CH32649	08/26/03	08/27/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30001 (CMH0751-01) Soil Sampled: 08/20/03 09:15 Received: 08/25/03 12:00									
Gasoline	**1400000**	500000	µg/kg	500	CH32830	08/28/03	08/29/03	8015GRO/8021 B	
Benzene	**1700**	50	"	10	"	"	08/28/03	"	
Toluene	**110000**	2500	"	500	"	"	08/29/03	"	
Ethylbenzene	**37000**	2500	"	"	"	"	"	"	
Xylenes (total)	**280000**	5000	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*95.5 %*	*70-130*		"	"	"	"	
DRAFT: 11112 (CMH0751-02) water Sampled: 08/20/03 10:30 Received: 08/25/03 12:00									
Gasoline	**120000**	100000	µg/L	2000	CH32841	08/27/03	08/29/03	8015GRO/8021	
Benzene	**34000**	1000	"	"	"	"	"	"	
Toluene	**27000**	1000	"	"	"	"	"	"	
Ethylbenzene	**1300**	25	"	50	"	"	08/27/03	"	
Xylenes (total)	**4400**	2000	"	2000	"	"	08/29/03	"	
Surrogate: o-Chlorotoluene (Gas)		*103 %*	*65-135*		"	"	"	"	
DRAFT: 30002 (CMH0751-03) Soil Sampled: 08/20/03 11:20 Received: 08/25/03 12:00									
Gasoline	**880000**	500000	µg/kg	500	CI30213	08/29/03	08/29/03	8015GRO/8021 B	
Benzene	**3000**	2500	"	"	"	"	"	"	
Toluene	**69000**	2500	"	"	"	"	"	"	
Ethylbenzene	**20000**	2500	"	"	"	"	"	"	
Xylenes (total)	**100000**	5000	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*94.3 %*	*70-130*		"	"	"	"	
DRAFT: 11113 (CMH0751-04) water Sampled: 08/20/03 12:00 Received: 08/25/03 12:00									
Gasoline	**260000**	50000	µg/L	1000	CH32841	08/27/03	08/29/03	8015GRO/8021	
Benzene	**47000**	500	"	"	"	"	"	"	
Toluene	**42000**	500	"	"	"	"	"	"	
Ethylbenzene	**2300**	500	"	"	"	"	"	"	
Xylenes (total)	**12000**	1000	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*101 %*	*65-135*		"	"	"	"	
DRAFT: 30003 (CMH0751-05) Soil Sampled: 08/20/03 13:00 Received: 08/25/03 12:00									
Gasoline	ND	1000	µg/kg	1	CH32830	08/28/03	08/28/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*101 %*	*70-130*		"	"	"	"	
DRAFT: 11114 (CMH0751-06) water Sampled: 08/20/03 13:40 Received: 08/25/03 12:00									
Gasoline	ND	50	µg/L	1	CH32841	08/27/03	08/27/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*65-135*		"	"	"	"	
DRAFT: 30004 (CMH0751-07) Soil Sampled: 08/20/03 14:30 Received: 08/25/03 12:00									

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30004 (CMH0751-07) Soil Sampled: 08/20/03 14:30 Received: 08/25/03 12:00									
Gasoline	ND	1000	µg/kg	1	CH32830	08/28/03	08/28/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*70-130*		"	"	"	"	
DRAFT: 11115 (CMH0751-08) water Sampled: 08/20/03 15:00 Received: 08/25/03 12:00									
Gasoline	ND	50	µg/L	1	CH32841	08/27/03	08/27/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*108 %*	*65-135*		"	"	"	"	
DRAFT: 30005 (CMH0751-09) Soil Sampled: 08/20/03 15:20 Received: 08/25/03 12:00									
Gasoline	ND	1000	µg/kg	1	CH32830	08/28/03	08/28/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.8 %*	*70-130*		"	"	"	"	
DRAFT: 30006 (CMH0751-10) Soil Sampled: 08/20/03 15:35 Received: 08/25/03 12:00									
Gasoline	**1400**	1000	µg/kg	1	CH32830	08/28/03	08/28/03	8015GRO/8021 B	GAS-1
Benzene	**7.9**	5.0	"	"	"	"	"	"	
Toluene	**5.0**	5.0	"	"	"	"	"	"	
Ethylbenzene	**21**	5.0	"	"	"	"	"	"	
Xylenes (total)	**83**	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*85.1 %*	*70-130*		"	"	"	"	
DRAFT: 11116 (CMH0751-11) water Sampled: 08/20/03 16:00 Received: 08/25/03 12:00									
Gasoline	**23000**	2500	µg/L	50	CH32841	08/27/03	08/27/03	8015GRO/8021	
Benzene	**2500**	50	"	100	"	"	08/29/03	"	
Toluene	**1900**	25	"	50	"	"	08/27/03	"	
Ethylbenzene	**970**	25	"	"	"	"	"	"	
Xylenes (total)	**3500**	50	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.0 %*	*65-135*		"	"	"	"	
DRAFT: 30007 (CMH0751-12) Soil Sampled: 08/22/03 13:35 Received: 08/25/03 12:00									
Gasoline	ND	1000	µg/kg	1	CH32830	08/28/03	08/28/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.6 %*	*70-130*		"	"	"	"	
DRAFT: 11119 (CMH0751-13) water Sampled: 08/22/03 13:50 Received: 08/25/03 12:00									

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11119 (CMH0751-13) water Sampled: 08/22/03 13:50 Received: 08/25/03 12:00									
Gasoline	ND	50	µg/L	1	CH32841	08/27/03	08/27/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*106 %*	*65-135*		"	"	"	"	
DRAFT: 11120 (CMH0751-15) water Sampled: 08/22/03 14:40 Received: 08/25/03 12:00									
Gasoline	ND	50	µg/L	1	CH32841	08/27/03	08/27/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*65-135*		"	"	"	"	
DRAFT: 00001 (CMH0751-16) Soil Sampled: 08/22/03 09:30 Received: 08/25/03 12:00									
Gasoline	ND	1000	µg/kg	1	CH32830	08/28/03	08/28/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*106 %*	*70-130*		"	"	"	"	
DRAFT: 00002 (CMH0751-17) Soil Sampled: 08/22/03 09:40 Received: 08/25/03 12:00									
Gasoline	ND	1000	µg/kg	1	CH32830	08/28/03	08/28/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*101 %*	*70-130*		"	"	"	"	
DRAFT: 00008 (CMH0751-20) Soil Sampled: 08/22/03 10:50 Received: 08/25/03 12:00									
Gasoline	ND	1000	µg/kg	1	CH32830	08/28/03	08/28/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*105 %*	*70-130*		"	"	"	"	
DRAFT: 00011 (CMH0751-22) Soil Sampled: 08/22/03 11:15 Received: 08/25/03 12:00									
Gasoline	ND	1000	µg/kg	1	CH32830	08/28/03	08/28/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*107 %*	*70-130*		"	"	"	"	
DRAFT: 20001 (CMH0751-26) Water Sampled: 08/22/03 15:31 Received: 08/25/03 12:00									

09/02/03 15:29

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 20001 (CMH0751-26) Water Sampled: 08/22/03 15:31 Received: 08/25/03 12:00									
Gasoline	ND	50	µg/L	1	CH32841	08/27/03	08/27/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*100 %*	*65-135*		"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30007 (CMH0751-12) Soil Sampled: 08/22/03 13:35 Received: 08/25/03 12:00									
Aldrin	ND	1.7	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Chlordane	ND	20	"	"	"	"	"	"	
4,4'-DDD	ND	3.3	"	"	"	"	"	"	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Dieldrin	ND	3.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Kepone	ND	2.5	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*104 %*	*46-139*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*115 %*	*52-141*		"	"	"	"	
DRAFT: 11119 (CMH0751-13) water Sampled: 08/22/03 13:50 Received: 08/25/03 12:00									
Aldrin	ND	0.050	µg/L	1	CH32622	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	0.050	"	"	"	"	"	"	
beta-BHC	ND	0.050	"	"	"	"	"	"	
delta-BHC	ND	0.050	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	0.050	"	"	"	"	"	"	
Chlordane	ND	0.50	"	"	"	"	"	"	
4,4'-DDD	ND	0.10	"	"	"	"	"	"	
4,4'-DDE	ND	0.10	"	"	"	"	"	"	
4,4'-DDT	ND	0.10	"	"	"	"	"	"	
Dieldrin	ND	0.10	"	"	"	"	"	"	
Endosulfan I	ND	0.050	"	"	"	"	"	"	
Endosulfan II	ND	0.10	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.10	"	"	"	"	"	"	
Endrin	ND	0.10	"	"	"	"	"	"	
Endrin aldehyde	ND	0.10	"	"	"	"	"	"	
Heptachlor	ND	0.050	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.050	"	"	"	"	"	"	
Kepone	ND	0.10	"	"	"	"	"	"	
Methoxychlor	ND	0.50	"	"	"	"	"	"	
Mirex	ND	0.10	"	"	"	"	"	"	
Toxaphene	ND	1.0	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*100 %*	*43-147*		"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11119 (CMH0751-13) water Sampled: 08/22/03 13:50 Received: 08/25/03 12:00									
Surrogate: Decachlorobiphenyl		*70.8 %*		*43-139*	*CH32622*	*08/26/03*	*08/27/03*	*EPA 8081A*	
DRAFT: 30008 (CMH0751-14) Soil Sampled: 08/22/03 14:15 Received: 08/25/03 12:00									
Aldrin	ND	1.7	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Chlordane	ND	20	"	"	"	"	"	"	
4,4'-DDD	ND	3.3	"	"	"	"	"	"	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Dieldrin	ND	3.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Kepone	ND	2.5	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*88.8 %*		*46-139*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*92.0 %*		*52-141*	"	"	"	"	
DRAFT: 00001 (CMH0751-16) Soil Sampled: 08/22/03 09:30 Received: 08/25/03 12:00									**R-03**
Aldrin	ND	170	µg/kg	100	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	170	"	"	"	"	"	"	
beta-BHC	ND	170	"	"	"	"	"	"	
delta-BHC	ND	170	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	170	"	"	"	"	"	"	
Chlordane	ND	2000	"	"	"	"	"	"	
4,4'-DDD	ND	330	"	"	"	"	"	"	
4,4'-DDE	ND	330	"	"	"	"	"	"	
4,4'-DDT	ND	330	"	"	"	"	"	"	
Dieldrin	ND	300	"	"	"	"	"	"	
Endosulfan I	ND	170	"	"	"	"	"	"	
Endosulfan II	ND	330	"	"	"	"	"	"	
Endosulfan sulfate	ND	330	"	"	"	"	"	"	
Endrin	ND	330	"	"	"	"	"	"	
Endrin aldehyde	ND	330	"	"	"	"	"	"	
Heptachlor	ND	170	"	"	"	"	"	"	
Heptachlor epoxide	ND	170	"	"	"	"	"	"	
Kepone	ND	250	"	"	"	"	"	"	
Methoxychlor	ND	1700	"	"	"	"	"	"	
Mirex	ND	330	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00001 (CMH0751-16) Soil	**Sampled: 08/22/03 09:30**		**Received: 08/25/03 12:00**						**R-03**
Toxaphene	**64000**	10000	µg/kg	500	CH32620	08/26/03	08/27/03	EPA 8081A	
Surrogate: Tetrachloro-meta-xylene		*%*	*46-139*		"	"	"	"	*S-01*
Surrogate: Decachlorobiphenyl		*%*	*52-141*		"	"	"	"	*S-01*
DRAFT: 00002 (CMH0751-17) Soil	**Sampled: 08/22/03 09:40**		**Received: 08/25/03 12:00**						**R-03**
Aldrin	ND	170	µg/kg	100	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	170	"	"	"	"	"	"	
beta-BHC	ND	170	"	"	"	"	"	"	
delta-BHC	ND	170	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	170	"	"	"	"	"	"	
Chlordane	ND	2000	"	"	"	"	"	"	
4,4'-DDD	ND	330	"	"	"	"	"	"	
4,4'-DDE	ND	330	"	"	"	"	"	"	
4,4'-DDT	ND	330	"	"	"	"	"	"	
Dieldrin	ND	300	"	"	"	"	"	"	
Endosulfan I	ND	170	"	"	"	"	"	"	
Endosulfan II	ND	330	"	"	"	"	"	"	
Endosulfan sulfate	ND	330	"	"	"	"	"	"	
Endrin	ND	330	"	"	"	"	"	"	
Endrin aldehyde	ND	330	"	"	"	"	"	"	
Heptachlor	ND	170	"	"	"	"	"	"	
Heptachlor epoxide	ND	170	"	"	"	"	"	"	
Kepone	ND	250	"	"	"	"	"	"	
Methoxychlor	ND	1700	"	"	"	"	"	"	
Mirex	ND	330	"	"	"	"	"	"	
Toxaphene	ND	2000	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*%*	*46-139*		"	"	"	"	*S-01*
Surrogate: Decachlorobiphenyl		*%*	*52-141*		"	"	"	"	*S-01*
DRAFT: 00005 (CMH0751-18) Soil	**Sampled: 08/22/03 10:20**		**Received: 08/25/03 12:00**						
Aldrin	ND	1.7	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Chlordane	ND	20	"	"	"	"	"	"	
4,4'-DDD	ND	3.3	"	"	"	"	"	"	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Dieldrin	ND	3.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Kepone	ND	2.5	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00005 (CMH0751-18) Soil Sampled: 08/22/03 10:20 Received: 08/25/03 12:00									
Methoxychlor	ND	17	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*96.0 %*	*46-139*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*84.5 %*	*52-141*		"	"	"	"	
DRAFT: 00006 (CMH0751-19) Soil Sampled: 08/22/03 10:25 Received: 08/25/03 12:00									
Aldrin	ND	1.7	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Chlordane	ND	20	"	"	"	"	"	"	
4,4'-DDD	ND	3.3	"	"	"	"	"	"	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Dieldrin	ND	3.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Kepone	ND	2.5	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*92.4 %*	*46-139*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*95.3 %*	*52-141*		"	"	"	"	
DRAFT: 00008 (CMH0751-20) Soil Sampled: 08/22/03 10:50 Received: 08/25/03 12:00									
Aldrin	ND	17	µg/kg	10	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	17	"	"	"	"	"	"	
beta-BHC	ND	17	"	"	"	"	"	"	
delta-BHC	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	17	"	"	"	"	"	"	
Chlordane	ND	200	"	"	"	"	"	"	
4,4'-DDD	ND	33	"	"	"	"	"	"	
4,4'-DDE	ND	33	"	"	"	"	"	"	
4,4'-DDT	ND	33	"	"	"	"	"	"	
Dieldrin	ND	30	"	"	"	"	"	"	
Endosulfan I	ND	17	"	"	"	"	"	"	
Endosulfan II	ND	33	"	"	"	"	"	"	
Endosulfan sulfate	ND	33	"	"	"	"	"	"	
Endrin	ND	33	"	"	"	"	"	"	
Endrin aldehyde	ND	33	"	"	"	"	"	"	
Heptachlor	ND	17	"	"	"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00008 (CMH0751-20) Soil Sampled: 08/22/03 10:50 Received: 08/25/03 12:00									
Heptachlor epoxide	ND	17	µg/kg	10	CH32620	08/26/03	08/27/03	EPA 8081A	
Kepone	ND	25	"	"	"	"	"	"	
Methoxychlor	ND	170	"	"	"	"	"	"	
Mirex	ND	33	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*97.0 %*	*46-139*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*73.8 %*	*52-141*		"	"	"	"	
DRAFT: 00009 (CMH0751-21) Soil Sampled: 08/22/03 11:00 Received: 08/25/03 12:00									
Aldrin	ND	1.7	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Chlordane	ND	20	"	"	"	"	"	"	
4,4'-DDD	ND	3.3	"	"	"	"	"	"	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Dieldrin	ND	3.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Kepone	ND	2.5	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*102 %*	*46-139*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*122 %*	*52-141*		"	"	"	"	
DRAFT: 00011 (CMH0751-22) Soil Sampled: 08/22/03 11:15 Received: 08/25/03 12:00									
Aldrin	ND	1.7	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Chlordane	ND	20	"	"	"	"	"	"	
4,4'-DDD	ND	3.3	"	"	"	"	"	"	
4,4'-DDE	**11**	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Dieldrin	ND	3.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00011 (CMH0751-22) Soil Sampled: 08/22/03 11:15 Received: 08/25/03 12:00									
Endrin aldehyde	ND	3.3	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Kepone	ND	2.5	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*95.9 %*	*46-139*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*113 %*	*52-141*		"	"	"	"	
DRAFT: 00012 (CMH0751-23) Soil Sampled: 08/22/03 11:25 Received: 08/25/03 12:00									
Aldrin	ND	1.7	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Chlordane	ND	20	"	"	"	"	"	"	
4,4'-DDD	ND	3.3	"	"	"	"	"	"	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	**4.4**	3.3	"	"	"	"	"	"	
Dieldrin	ND	3.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Kepone	ND	2.5	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*94.2 %*	*46-139*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*85.0 %*	*52-141*		"	"	"	"	
DRAFT: 00014 (CMH0751-24) Soil Sampled: 08/22/03 11:45 Received: 08/25/03 12:00									
Aldrin	ND	1.7	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Chlordane	ND	20	"	"	"	"	"	"	
4,4'-DDD	ND	3.3	"	"	"	"	"	"	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Dieldrin	ND	3.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00014 (CMH0751-24) Soil Sampled: 08/22/03 11:45 Received: 08/25/03 12:00									
Endosulfan sulfate	ND	3.3	µg/kg	1	CH32620	08/26/03	08/27/03	EPA 8081A	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Kepone	ND	2.5	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*105 %*	*46-139*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*121 %*	*52-141*		"	"	"	"	
DRAFT: 00015 (CMH0751-25) Soil Sampled: 08/22/03 11:50 Received: 08/25/03 12:00									**R-03**
Aldrin	ND	17	µg/kg	10	CH32620	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	17	"	"	"	"	"	"	
beta-BHC	ND	17	"	"	"	"	"	"	
delta-BHC	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	17	"	"	"	"	"	"	
Chlordane	ND	200	"	"	"	"	"	"	
4,4'-DDD	ND	33	"	"	"	"	"	"	
4,4'-DDE	ND	33	"	"	"	"	"	"	
4,4'-DDT	ND	33	"	"	"	"	"	"	
Dieldrin	ND	30	"	"	"	"	"	"	
Endosulfan I	ND	17	"	"	"	"	"	"	
Endosulfan II	ND	33	"	"	"	"	"	"	
Endosulfan sulfate	ND	33	"	"	"	"	"	"	
Endrin	ND	33	"	"	"	"	"	"	
Endrin aldehyde	ND	33	"	"	"	"	"	"	
Heptachlor	ND	17	"	"	"	"	"	"	
Heptachlor epoxide	ND	17	"	"	"	"	"	"	
Kepone	ND	25	"	"	"	"	"	"	
Methoxychlor	ND	170	"	"	"	"	"	"	
Mirex	ND	33	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*132 %*	*46-139*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*98.9 %*	*52-141*		"	"	"	"	
DRAFT: 20001 (CMH0751-26) Water Sampled: 08/22/03 15:31 Received: 08/25/03 12:00									
Aldrin	ND	0.050	µg/L	1	CH32622	08/26/03	08/27/03	EPA 8081A	
alpha-BHC	ND	0.050	"	"	"	"	"	"	
beta-BHC	ND	0.050	"	"	"	"	"	"	
delta-BHC	ND	0.050	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	0.050	"	"	"	"	"	"	
Chlordane	ND	0.50	"	"	"	"	"	"	
4,4'-DDD	ND	0.10	"	"	"	"	"	"	
4,4'-DDE	ND	0.10	"	"	"	"	"	"	
4,4'-DDT	ND	0.10	"	"	"	"	"	"	
Dieldrin	ND	0.10	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 20001 (CMH0751-26) Water Sampled: 08/22/03 15:31 Received: 08/25/03 12:00									
Endosulfan I	ND	0.050	µg/L	1	CH32622	08/26/03	08/27/03	EPA 8081A	
Endosulfan II	ND	0.10	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.10	"	"	"	"	"	"	
Endrin	ND	0.10	"	"	"	"	"	"	
Endrin aldehyde	ND	0.10	"	"	"	"	"	"	
Heptachlor	ND	0.050	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.050	"	"	"	"	"	"	
Kepone	ND	0.10	"	"	"	"	"	"	
Methoxychlor	ND	0.50	"	"	"	"	"	"	
Mirex	ND	0.10	"	"	"	"	"	"	
Toxaphene	ND	1.0	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*89.6 %*	*43-147*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*116 %*	*43-139*		"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30001 (CMH0751-01) Soil Sampled: 08/20/03 09:15 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	1000	µg/kg	200	CH32939	08/27/03	08/27/03	EPA 8260B	
Ethyl tert-butyl ether	ND	1000	"	"	"	"	"	"	
Methyl tert-butyl ether	**4500**	1000	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	1000	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10000	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.2 %*	*60-140*		"	"	"	"	
DRAFT: 11112 (CMH0751-02) water Sampled: 08/20/03 10:30 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	50	µg/L	10	CI30230	08/29/03	08/29/03	EPA 8260B	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*112 %*	*72-125*		"	"	"	"	
DRAFT: 30002 (CMH0751-03) Soil Sampled: 08/20/03 11:20 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	500	µg/kg	100	CH32939	08/27/03	08/27/03	EPA 8260B	
Ethyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	500	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5000	"	"	"	"	"	"	
Surrogate: Toluene-d8		*117 %*	*60-140*		"	"	"	"	
DRAFT: 11113 (CMH0751-04) water Sampled: 08/20/03 12:00 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	50	µg/L	10	CI30230	08/29/03	08/29/03	EPA 8260B	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*113 %*	*72-125*		"	"	"	"	
DRAFT: 30003 (CMH0751-05) Soil Sampled: 08/20/03 13:00 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CH32729	08/26/03	08/26/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*	*60-140*		"	"	"	"	
DRAFT: 11114 (CMH0751-06) water Sampled: 08/20/03 13:40 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/L	1	CH32922	08/28/03	08/29/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*72-125*		"	"	"	"	
DRAFT: 30004 (CMH0751-07) Soil Sampled: 08/20/03 14:30 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CH32729	08/26/03	08/26/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30004 (CMH0751-07) Soil Sampled: 08/20/03 14:30 Received: 08/25/03 12:00									
Tert-amyl methyl ether	ND	5.0	µg/kg	1	CH32729	08/26/03	08/26/03	EPA 8260B	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*120 %*	*60-140*		"	"	"	"	
DRAFT: 11115 (CMH0751-08) water Sampled: 08/20/03 15:00 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/L	1	CH32922	08/28/03	08/29/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*72-125*		"	"	"	"	
DRAFT: 30005 (CMH0751-09) Soil Sampled: 08/20/03 15:20 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CH32729	08/26/03	08/26/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*60-140*		"	"	"	"	
DRAFT: 30006 (CMH0751-10) Soil Sampled: 08/20/03 15:35 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CH32729	08/26/03	08/26/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**12**	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*121 %*	*60-140*		"	"	"	"	
DRAFT: 11116 (CMH0751-11) water Sampled: 08/20/03 16:00 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/L	1	CH32922	08/28/03	08/29/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**57**	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.3 %*	*72-125*		"	"	"	"	
DRAFT: 30007 (CMH0751-12) Soil Sampled: 08/22/03 13:35 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CH32939	08/27/03	08/27/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30007 (CMH0751-12) Soil Sampled: 08/22/03 13:35 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CH32939	08/27/03	08/27/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Tricholoro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30007 (CMH0751-12) Soil Sampled: 08/22/03 13:35 Received: 08/25/03 12:00									
p-Isopropyltoluene	ND	5.0	µg/kg	1	CH32939	08/27/03	08/27/03	EPA 8260B	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*84.2 %*		*50-125*	"	"	"	"	
Surrogate: Toluene-d8		*109 %*		*62-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*		*50-128*	"	"	"	"	
DRAFT: 11119 (CMH0751-13) water Sampled: 08/22/03 13:50 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/L	1	CH32922	08/28/03	08/29/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11119 (CMH0751-13) water	**Sampled: 08/22/03 13:50**		**Received: 08/25/03 12:00**						
o-Chlorotoluene	ND	5.0	µg/L	1	CH32922	08/28/03	08/29/03	EPA 8260B	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Tricholoro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	**9.3**	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11119 (CMH0751-13) water Sampled: 08/22/03 13:50 Received: 08/25/03 12:00									
Vinyl chloride	ND	10	µg/L	1	CH32922	08/28/03	08/29/03	EPA 8260B	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*66-135*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*72-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.3 %*	*73-125*		"	"	"	"	
DRAFT: 00001 (CMH0751-16) Soil Sampled: 08/22/03 09:30 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CH32939	08/27/03	08/27/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00001 (CMH0751-16) Soil Sampled: 08/22/03 09:30 Received: 08/25/03 12:00									
trans-1,3-Dichloropropene	ND	5.0	µg/kg	1	CH32939	08/27/03	08/27/03	EPA 8260B	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Tricholoro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*79.6 %*		*50-125*	"	"	"	"	
Surrogate: Toluene-d8		*62.8 %*		*62-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*48.6 %*		*50-128*	"	"	"	"	
DRAFT: 00002 (CMH0751-17) Soil Sampled: 08/22/03 09:40 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/kg	1	CH32939	08/27/03	08/27/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00002 (CMH0751-17) Soil Sampled: 08/22/03 09:40 Received: 08/25/03 12:00									
tert-Butylbenzene	ND	5.0	µg/kg	1	CH32939	08/27/03	08/27/03	EPA 8260B	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Tricholoro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00002 (CMH0751-17) Soil Sampled: 08/22/03 09:40 Received: 08/25/03 12:00									
1,1,1-Trichloroethane	ND	5.0	µg/kg	1	CH32939	08/27/03	08/27/03	EPA 8260B	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*78.8 %*	*50-125*		"	"	"	"	
Surrogate: Toluene-d8		*66.2 %*	*62-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.8 %*	*50-128*		"	"	"	"	
DRAFT: 20001 (CMH0751-26) Water Sampled: 08/22/03 15:31 Received: 08/25/03 12:00									
Di-isopropyl ether	ND	5.0	µg/L	1	CH32922	08/28/03	08/29/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 20001 (CMH0751-26) Water Sampled: 08/22/03 15:31 Received: 08/25/03 12:00									
trans-1,2-Dichloroethene	ND	5.0	µg/L	1	CH32922	08/28/03	08/29/03	EPA 8260B	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Tricholoro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*66-135*		"	"	"	"	
Surrogate: Toluene-d8		*99.4 %*	*72-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*73-125*		"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32820 - EPA 7471A										
Blank (CH32820-BLK1)				Prepared & Analyzed: 08/28/03						
Mercury	ND	0.10	mg/kg							
LCS (CH32820-BS1)				Prepared & Analyzed: 08/28/03						
Mercury	0.648	0.10	mg/kg	0.625		104	75-125			
LCS Dup (CH32820-BSD1)				Prepared & Analyzed: 08/28/03						
Mercury	0.654	0.10	mg/kg	0.625		105	75-125	0.922	25	
Matrix Spike (CH32820-MS1)		Source: CMH0672-01		Prepared & Analyzed: 08/28/03						
Mercury	1.20	0.10	mg/kg	1.25	0.29	72.8	75-125			QM-07
Matrix Spike Dup (CH32820-MSD1)		Source: CMH0672-01		Prepared & Analyzed: 08/28/03						
Mercury	1.52	0.50	mg/kg	1.25	0.29	98.4	75-125	23.5	25	
Batch CH32909 - EPA 3050B										
Blank (CH32909-BLK1)				Prepared & Analyzed: 08/29/03						
Arsenic	ND	0.50	mg/kg							
LCS (CH32909-BS1)				Prepared & Analyzed: 08/29/03						
Arsenic	4.76	0.50	mg/kg	5.00		95.2	75-125			
LCS Dup (CH32909-BSD1)				Prepared & Analyzed: 08/29/03						
Arsenic	4.93	0.50	mg/kg	5.00		98.6	75-125	3.51	25	
Matrix Spike (CH32909-MS1)		Source: CMH0735-01		Prepared & Analyzed: 08/29/03						
Arsenic	5.88	0.50	mg/kg	5.00	2.0	77.6	75-125			

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32909 - EPA 3050B										
Matrix Spike Dup (CH32909-MSD1)	**Source: CMH0735-01**			Prepared & Analyzed: 08/29/03						
Arsenic	5.91	0.50	mg/kg	5.00	2.0	78.2	75-125	0.509	25	
Batch CH32912 - EPA 3050B										
Blank (CH32912-BLK1)				Prepared & Analyzed: 08/29/03						
Antimony	ND	2.5	mg/kg							
Barium	ND	1.0	"							
Beryllium	ND	0.50	"							
Cadmium	ND	0.50	"							
Cobalt	ND	1.0	"							
Chromium	ND	1.0	"							
Copper	ND	1.0	"							
Lead	ND	2.5	"							
Molybdenum	ND	1.0	"							
Nickel	ND	1.0	"							
Silver	ND	0.50	"							
Vanadium	ND	1.0	"							
Zinc	ND	1.0	"							
LCS (CH32912-BS1)				Prepared & Analyzed: 08/29/03						
Antimony	24.6	2.5	mg/kg	25.0		98.4	75-125			
Barium	93.0	1.0	"	100		93.0	75-125			
Beryllium	2.49	0.50	"	2.50		99.6	75-125			
Cadmium	2.30	0.50	"	2.50		92.0	75-125			
Cobalt	24.8	1.0	"	25.0		99.2	75-125			
Chromium	10.4	1.0	"	10.0		104	75-125			
Copper	11.6	1.0	"	12.5		92.8	75-125			
Lead	25.3	2.5	"	25.0		101	75-125			
Molybdenum	25.1	1.0	"	25.0		100	75-125			
Nickel	25.0	1.0	"	25.0		100	75-125			
Silver	0.570	0.50	"	2.50		22.8	75-125			A-01
Vanadium	24.3	1.0	"	25.0		97.2	75-125			
Zinc	24.4	1.0	"	25.0		97.6	75-125			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32912 - EPA 3050B										
LCS Dup (CH32912-BSD1)				Prepared & Analyzed: 08/29/03						
Antimony	24.4	2.5	mg/kg	25.0		97.6	75-125	0.816	25	
Barium	94.7	1.0	"	100		94.7	75-125	1.81	25	
Beryllium	2.53	0.50	"	2.50		101	75-125	1.59	25	
Cadmium	2.36	0.50	"	2.50		94.4	75-125	2.58	25	
Cobalt	25.2	1.0	"	25.0		101	75-125	1.60	25	
Chromium	10.4	1.0	"	10.0		104	75-125	0.00	25	
Copper	11.8	1.0	"	12.5		94.4	75-125	1.71	25	
Lead	24.9	2.5	"	25.0		99.6	75-125	1.59	25	
Molybdenum	25.5	1.0	"	25.0		102	75-125	1.58	25	
Nickel	25.0	1.0	"	25.0		100	75-125	0.00	25	
Silver	0.570	0.50	"	2.50		22.8	75-125	0.00	25	A-01
Vanadium	24.8	1.0	"	25.0		99.2	75-125	2.04	25	
Zinc	24.5	1.0	"	25.0		98.0	75-125	0.409	25	
Matrix Spike (CH32912-MS1)		Source: CMH0735-02		Prepared: 08/29/03 Analyzed: 08/30/03						
Antimony	4.65	12	mg/kg	25.0	0.24	17.6	75-125			QM-05
Barium	385	5.0	"	100	230	155	75-125			QM-05
Beryllium	2.77	2.5	"	2.50	0.39	95.2	75-125			
Cadmium	1.62	2.5	"	2.50	0.20	56.8	75-125			QM-05
Cobalt	31.4	5.0	"	25.0	7.9	94.0	75-125			
Chromium	62.8	5.0	"	10.0	33	298	75-125			QM-05
Copper	50.4	5.0	"	12.5	36	115	75-125			
Lead	33.0	12	"	25.0	9.0	96.0	75-125			
Molybdenum	23.5	5.0	"	25.0	2.7	83.2	75-125			
Nickel	68.8	5.0	"	25.0	36	131	75-125			QM-05
Silver	9.82	2.5	"	2.50	6.7	125	75-125			
Vanadium	61.1	5.0	"	25.0	28	132	75-125			QM-05
Zinc	70.4	5.0	"	25.0	48	89.6	75-125			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32912 - EPA 3050B										
Matrix Spike Dup (CH32912-MSD1)	**Source: CMH0735-02**			Prepared: 08/29/03		Analyzed: 08/30/03				
Antimony	ND	12	mg/kg	25.0	0.24	NR	75-125		25	QM-05
Barium	411	5.0	"	100	230	181	75-125	6.53	25	QM-05
Beryllium	3.09	2.5	"	2.50	0.39	108	75-125	10.9	25	
Cadmium	2.12	2.5	"	2.50	0.20	76.8	75-125	26.7	25	QM-05
Cobalt	34.9	5.0	"	25.0	7.9	108	75-125	10.6	25	
Chromium	59.7	5.0	"	10.0	33	267	75-125	5.06	25	QM-05
Copper	79.8	5.0	"	12.5	36	350	75-125	45.2	25	QM-05
Lead	33.5	12	"	25.0	9.0	98.0	75-125	1.50	25	
Molybdenum	24.2	5.0	"	25.0	2.7	86.0	75-125	2.94	25	
Nickel	78.5	5.0	"	25.0	36	170	75-125	13.2	25	QM-05
Silver	11.6	2.5	"	2.50	6.7	196	75-125	16.6	25	QM-05
Vanadium	67.5	5.0	"	25.0	28	158	75-125	9.95	25	QM-05
Zinc	80.4	5.0	"	25.0	48	130	75-125	13.3	25	QM-05

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32911 - General Prep										
Blank (CH32911-BLK1)				Prepared & Analyzed: 08/25/03						
Nitrate as NO3	ND	0.50	mg/L							
LCS (CH32911-BS1)				Prepared & Analyzed: 08/25/03						
Nitrate as NO3	1.06	0.50	mg/L	1.10		96.4	80-120			
LCS Dup (CH32911-BSD1)				Prepared & Analyzed: 08/25/03						
Nitrate as NO3	1.04	0.50	mg/L	1.10		94.5	80-120	1.90	25	
Matrix Spike (CH32911-MS1)		**Source: CMH0744-08**		Prepared & Analyzed: 08/25/03						
Nitrate as NO3	23.6	5.0	mg/L	22.0	5.9	80.5	75-125			
Matrix Spike Dup (CH32911-MSD1)		**Source: CMH0744-08**		Prepared & Analyzed: 08/25/03						
Nitrate as NO3	23.6	5.0	mg/L	22.0	5.9	80.5	75-125	0.00	25	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32649 - EPA 3510B GC NV										
Blank (CH32649-BLK1)				Prepared & Analyzed: 08/26/03						
Diesel	ND	0.050	mg/L							
Motor Oil	ND	0.050	"							
LCS (CH32649-BS1)				Prepared & Analyzed: 08/26/03						
Diesel	2.23	0.050	mg/L	2.50		89.2	65-135			
LCS Dup (CH32649-BSD1)				Prepared & Analyzed: 08/26/03						
Diesel	2.24	0.050	mg/L	2.50		89.6	65-135	0.447	30	
Batch CH32736 - LUFT-DHS GCNV										
Blank (CH32736-BLK1)				Prepared: 08/27/03 Analyzed: 08/28/03						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
Hydraulic Oil	ND	1.0	"							
Mineral Oil	ND	1.0	"							
Kerosene	ND	1.0	"							
JP-5/JP-8	ND	1.0	"							
LCS (CH32736-BS1)				Prepared: 08/27/03 Analyzed: 08/28/03						
Diesel	23.1	1.0	mg/kg	25.0		92.4	65-135			
LCS Dup (CH32736-BSD1)				Prepared: 08/27/03 Analyzed: 08/28/03						
Diesel	24.1	1.0	mg/kg	25.0		96.4	65-135	4.24	30	
Matrix Spike (CH32736-MS1)		Source: CMH0751-03		Prepared: 08/27/03 Analyzed: 08/28/03						
Diesel	ND	1.0	mg/kg	25.0	200	NR	59-138			QM-10

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32736 - LUFT-DHS GCNV										
Matrix Spike Dup (CH32736-MSD1)	**Source: CMH0751-03**			Prepared: 08/27/03		Analyzed: 08/28/03				
Diesel	ND	1.0	mg/kg	25.0	200	NR	59-138		37	QM-10

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32830 - EPA 5030 Soil GC										
Blank (CH32830-BLK1)				Prepared & Analyzed: 08/28/03						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (Gas)	*94.4*		"	*100*		*94.4*	*70-130*			
LCS (CH32830-BS1)				Prepared & Analyzed: 08/28/03						
Gasoline	2300	1000	µg/kg	2500		92.0	65-135			
Surrogate: o-Chlorotoluene (Gas)	*102*		"	*100*		*102*	*70-130*			
LCS Dup (CH32830-BSD1)				Prepared & Analyzed: 08/28/03						
Gasoline	2110	1000	µg/kg	2500		84.4	65-135	8.62	30	
Surrogate: o-Chlorotoluene (Gas)	*93.2*		"	*100*		*93.2*	*70-130*			
Matrix Spike (CH32830-MS1)		Source: CMH0751-07		Prepared & Analyzed: 08/28/03						
Gasoline	2170	1000	µg/kg	2500	ND	86.8	63-124			
Surrogate: o-Chlorotoluene (Gas)	*97.9*		"	*100*		*97.9*	*70-130*			
Matrix Spike Dup (CH32830-MSD1)		Source: CMH0751-07		Prepared & Analyzed: 08/28/03						
Gasoline	2330	1000	µg/kg	2500	ND	93.2	63-124	7.11	35	
Surrogate: o-Chlorotoluene (Gas)	*82.5*		"	*100*		*82.5*	*70-130*			
Batch CH32841 - EPA 5030 Water GC										
Blank (CH32841-BLK1)				Prepared & Analyzed: 08/27/03						
Gasoline	ND	50	µg/L							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate: o-Chlorotoluene (Gas)	*20.6*		"	*20.0*		*103*	*65-135*			

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32841 - EPA 5030 Water GC										
LCS (CH32841-BS1)				Prepared & Analyzed: 08/27/03						
Gasoline	444	50	µg/L	500		88.8	65-135			
Surrogate: o-Chlorotoluene (Gas)	*20.1*		"	*20.0*		*100*	*65-135*			
LCS Dup (CH32841-BSD1)				Prepared & Analyzed: 08/27/03						
Gasoline	435	50	µg/L	500		87.0	65-135	2.05	30	
Surrogate: o-Chlorotoluene (Gas)	*20.3*		"	*20.0*		*102*	*65-135*			
Matrix Spike (CH32841-MS1)		**Source: CMH0728-01**		Prepared & Analyzed: 08/27/03						
Gasoline	475	50	µg/L	500	ND	95.0	65-135			
Surrogate: o-Chlorotoluene (Gas)	*19.3*		"	*20.0*		*96.5*	*65-135*			
Matrix Spike Dup (CH32841-MSD1)		**Source: CMH0728-01**		Prepared & Analyzed: 08/27/03						
Gasoline	462	50	µg/L	500	ND	92.4	65-135	2.77	30	
Surrogate: o-Chlorotoluene (Gas)	*19.2*		"	*20.0*		*96.0*	*65-135*			
Batch CI30213 - EPA 5030 Soil GC										
Blank (CI30213-BLK1)				Prepared & Analyzed: 08/29/03						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (Gas)	*110*		"	*100*		*110*	*70-130*			
LCS (CI30213-BS1)				Prepared & Analyzed: 08/29/03						
Gasoline	2110	1000	µg/kg	2500		84.4	65-135			
Surrogate: o-Chlorotoluene (Gas)	*97.9*		"	*100*		*97.9*	*70-130*			

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CI30213 - EPA 5030 Soil GC										
LCS Dup (CI30213-BSD1)				Prepared & Analyzed: 08/29/03						
Gasoline	2200	1000	µg/kg	2500		88.0	65-135	4.18	30	
Surrogate: o-Chlorotoluene (Gas)	*101*		"	*100*		*101*	*70-130*			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32620 - LUFT-DHS GCNV										
Blank (CH32620-BLK1)				Prepared: 08/26/03 Analyzed: 08/27/03						
Aldrin	ND	1.7	µg/kg							
alpha-BHC	ND	1.7	"							
beta-BHC	ND	1.7	"							
delta-BHC	ND	1.7	"							
gamma-BHC (Lindane)	ND	1.7	"							
Chlordane	ND	20	"							
4,4'-DDD	ND	3.3	"							
4,4'-DDE	ND	3.3	"							
4,4'-DDT	ND	3.3	"							
Dieldrin	ND	3.0	"							
Endosulfan I	ND	1.7	"							
Endosulfan II	ND	3.3	"							
Endosulfan sulfate	ND	3.3	"							
Endrin	ND	3.3	"							
Endrin aldehyde	ND	3.3	"							
Heptachlor	ND	1.7	"							
Heptachlor epoxide	ND	1.7	"							
Kepone	ND	2.5	"							
Methoxychlor	ND	17	"							
Mirex	ND	3.3	"							
Toxaphene	ND	20	"							
Surrogate: Tetrachloro-meta-xylene	*10.5*		"	*8.33*		*126*	*46-139*			
Surrogate: Decachlorobiphenyl	*10.3*		"	*8.33*		*124*	*52-141*			
LCS (CH32620-BS1)				Prepared: 08/26/03 Analyzed: 08/27/03						
Aldrin	3.73	1.7	µg/kg	4.17		89.4	47-132			
gamma-BHC (Lindane)	3.32	1.7	"	4.17		79.6	56-133			
4,4'-DDT	7.05	3.3	"	8.33		84.6	46-137			
Dieldrin	8.29	3.0	"	8.33		99.5	44-143			
Endrin	9.18	3.3	"	8.33		110	30-147			
Heptachlor	3.55	1.7	"	4.17		85.1	33-148			
Surrogate: Tetrachloro-meta-xylene	*7.98*		"	*8.33*		*95.8*	*46-139*			
Surrogate: Decachlorobiphenyl	*8.53*		"	*8.33*		*102*	*52-141*			

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32620 - LUFT-DHS GCNV										
LCS Dup (CH32620-BSD1)				Prepared: 08/26/03 Analyzed: 08/27/03						
Aldrin	3.51	1.7	µg/kg	4.17		84.2	47-132	6.08	30	
gamma-BHC (Lindane)	3.18	1.7	"	4.17		76.3	56-133	4.31	30	
4,4'-DDT	7.02	3.3	"	8.33		84.3	46-137	0.426	30	
Dieldrin	8.29	3.0	"	8.33		99.5	44-143	0.00	30	
Endrin	9.26	3.3	"	8.33		111	30-147	0.868	30	
Heptachlor	3.34	1.7	"	4.17		80.1	33-148	6.10	30	
Surrogate: Tetrachloro-meta-xylene	*7.24*		"	*8.33*		*86.9*	*46-139*			
Surrogate: Decachlorobiphenyl	*8.49*		"	*8.33*		*102*	*52-141*			
Matrix Spike (CH32620-MS1)	**Source: CMH0780-01**			Prepared: 08/26/03 Analyzed: 08/27/03						
Aldrin	ND	1.7	µg/kg	4.17	ND		47-138			QM-10
gamma-BHC (Lindane)	ND	1.7	"	4.17	ND		38-144			QM-10
4,4'-DDT	ND	3.3	"	8.33	37	NR	41-157			QM-10
Dieldrin	ND	3.0	"	8.33	ND		46-155			QM-10
Endrin	ND	3.3	"	8.33	ND		34-149			QM-10
Heptachlor	ND	1.7	"	4.17	ND		36-155			QM-10
Surrogate: Tetrachloro-meta-xylene	*0.00*		"	*8.33*			*46-139*			*QM-10*
Surrogate: Decachlorobiphenyl	*0.00*		"	*8.33*			*52-141*			*QM-10*
Matrix Spike Dup (CH32620-MSD1)	**Source: CMH0780-01**			Prepared: 08/26/03 Analyzed: 08/27/03						
Aldrin	ND	1.7	µg/kg	4.17	ND		47-138		35	QM-10
gamma-BHC (Lindane)	ND	1.7	"	4.17	ND		38-144		35	QM-10
4,4'-DDT	ND	3.3	"	8.33	37	NR	41-157		35	QM-10
Dieldrin	ND	3.0	"	8.33	ND		46-155		35	QM-10
Endrin	ND	3.3	"	8.33	ND		34-149		35	QM-10
Heptachlor	ND	1.7	"	4.17	ND		36-155		35	QM-10
Surrogate: Tetrachloro-meta-xylene	*0.00*		"	*8.33*			*46-139*			*QM-10*
Surrogate: Decachlorobiphenyl	*0.00*		"	*8.33*			*52-141*			*QM-10*

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32622 - EPA 3510B GC NV										
Blank (CH32622-BLK1)				Prepared: 08/26/03 Analyzed: 08/27/03						
Aldrin	ND	0.050	µg/L							
alpha-BHC	ND	0.050	"							
beta-BHC	ND	0.050	"							
delta-BHC	ND	0.050	"							
gamma-BHC (Lindane)	ND	0.050	"							
Chlordane	ND	0.50	"							
4,4'-DDD	ND	0.10	"							
4,4'-DDE	ND	0.10	"							
4,4'-DDT	ND	0.10	"							
Dieldrin	ND	0.10	"							
Endosulfan I	ND	0.050	"							
Endosulfan II	ND	0.10	"							
Endosulfan sulfate	ND	0.10	"							
Endrin	ND	0.10	"							
Endrin aldehyde	ND	0.10	"							
Heptachlor	ND	0.050	"							
Heptachlor epoxide	ND	0.050	"							
Kepone	ND	0.10	"							
Methoxychlor	ND	0.50	"							
Mirex	ND	0.10	"							
Toxaphene	ND	1.0	"							
Surrogate: Tetrachloro-meta-xylene	*0.239*		"	*0.250*		*95.6*	*43-147*			
Surrogate: Decachlorobiphenyl	*0.188*		"	*0.250*		*75.2*	*43-139*			
LCS (CH32622-BS1)				Prepared: 08/26/03 Analyzed: 08/27/03						
Aldrin	0.109	0.050	µg/L	0.125		87.2	50-130			
gamma-BHC (Lindane)	0.105	0.050	"	0.125		84.0	50-130			
4,4'-DDT	0.242	0.10	"	0.250		96.8	50-134			
Dieldrin	0.247	0.10	"	0.250		98.8	48-129			
Endrin	0.279	0.10	"	0.250		112	30-147			
Heptachlor	0.0946	0.050	"	0.125		75.7	34-137			
Surrogate: Tetrachloro-meta-xylene	*0.262*		"	*0.250*		*105*	*43-147*			
Surrogate: Decachlorobiphenyl	*0.247*		"	*0.250*		*98.8*	*43-139*			

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32622 - EPA 3510B GC NV										
LCS Dup (CH32622-BSD1)				Prepared: 08/26/03 Analyzed: 08/27/03						
Aldrin	0.113	0.050	µg/L	0.125		90.4	50-130	3.60	30	
gamma-BHC (Lindane)	0.104	0.050	"	0.125		83.2	50-130	0.957	30	
4,4'-DDT	0.260	0.10	"	0.250		104	50-134	7.17	30	
Dieldrin	0.250	0.10	"	0.250		100	48-129	1.21	30	
Endrin	0.280	0.10	"	0.250		112	30-147	0.358	30	
Heptachlor	0.0965	0.050	"	0.125		77.2	34-137	1.99	30	
Surrogate: Tetrachloro-meta-xylene	*0.256*		*"*	*0.250*		*102*	*43-147*			
Surrogate: Decachlorobiphenyl	*0.219*		*"*	*0.250*		*87.6*	*43-139*			

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32729 - EPA 5030 Soil MS										
Blank (CH32729-BLK1)				Prepared & Analyzed: 08/26/03						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Surrogate: Toluene-d8	*61.4*		"	*50.0*		*123*	*60-140*			
LCS (CH32729-BS1)				Prepared & Analyzed: 08/26/03						
Methyl tert-butyl ether	45.7	5.0	µg/kg	50.0		91.4	60-140			
Surrogate: Toluene-d8	*42.1*		"	*50.0*		*84.2*	*60-140*			
LCS Dup (CH32729-BSD1)				Prepared & Analyzed: 08/26/03						
Methyl tert-butyl ether	49.8	5.0	µg/kg	50.0		99.6	60-140	8.59	30	
Surrogate: Toluene-d8	*60.6*		"	*50.0*		*121*	*60-140*			
Matrix Spike (CH32729-MS1)		**Source: CMH0607-01**		Prepared: 08/26/03 Analyzed: 08/27/03						
Methyl tert-butyl ether	44.6	5.0	µg/kg	50.0	ND	89.2	60-140			
Surrogate: Toluene-d8	*31.1*		"	*50.0*		*62.2*	*60-140*			
Matrix Spike Dup (CH32729-MSD1)		**Source: CMH0607-01**		Prepared: 08/26/03 Analyzed: 08/27/03						
Methyl tert-butyl ether	43.1	5.0	µg/kg	50.0	ND	86.2	60-140	3.42	30	
Surrogate: Toluene-d8	*32.7*		"	*50.0*		*65.4*	*60-140*			
Batch CH32922 - EPA 5030 Water MS										
Blank (CH32922-BLK1)				Prepared & Analyzed: 08/28/03						
Acetone	ND	100	µg/L							
Di-isopropyl ether	ND	5.0	"							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Benzene	ND	5.0	"							
Bromobenzene	ND	5.0	"							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	10	"							
2-Butanone	ND	100	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32922 - EPA 5030 Water MS										
Blank (CH32922-BLK1)			Prepared & Analyzed: 08/28/03							
Chlorobenzene	ND	5.0	µg/L							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	10	"							
o-Chlorotoluene	ND	5.0	"							
p-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	"							
1,2-Dibromo-3-chloropropane	ND	10	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	ND	5.0	"							
Dichlorodifluoromethane (Freon 12)	ND	10	"							
1,1-Dichloroethane	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
1,1-Dichloroethene	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	"							
trans-1,2-Dichloroethene	ND	5.0	"							
1,2-Dichloropropane	ND	5.0	"							
1,3-Dichloropropane	ND	5.0	"							
2,2-Dichloropropane	ND	5.0	"							
1,1-Dichloropropene	ND	5.0	"							
cis-1,3-Dichloropropene	ND	5.0	"							
trans-1,3-Dichloropropene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
1,1,2-Tricholoro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"							
Hexachlorobutadiene	ND	5.0	"							
2-Hexanone	ND	50	"							
Isopropylbenzene	ND	5.0	"							
p-Isopropyltoluene	ND	5.0	"							
Methylene chloride	ND	5.0	"							
4-Methyl-2-pentanone	ND	50	"							
Methyl tert-butyl ether	ND	5.0	"							
Naphthalene	ND	5.0	"							
n-Propylbenzene	ND	5.0	"							
Styrene	ND	5.0	"							
1,1,1,2-Tetrachloroethane	ND	5.0	"							
1,1,2,2-Tetrachloroethane	ND	5.0	"							
Tetrachloroethene	ND	5.0	"							
Toluene	ND	5.0	"							

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32922 - EPA 5030 Water MS										
Blank (CH32922-BLK1)				Prepared & Analyzed: 08/28/03						
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	"							
1,1,1-Trichloroethane	ND	5.0	"							
1,1,2-Trichloroethane	ND	5.0	"							
Trichloroethene	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
1,2,3-Trichloropropane	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
Vinyl chloride	ND	10	"							
Xylenes (total)	ND	10	"							
Surrogate: Toluene-d8	*9.93*		"	*10.0*		*99.3*	*72-125*			
Surrogate: 1,2-Dichloroethane-d4	*12.0*		"	*10.0*		*120*	*66-135*			
Surrogate: Toluene-d8	*9.93*		"	*10.0*		*99.3*	*72-125*			
Surrogate: 4-Bromofluorobenzene	*9.62*		"	*10.0*		*96.2*	*73-125*			
LCS (CH32922-BS1)				Prepared & Analyzed: 08/28/03						
Methyl tert-butyl ether	23.7	5.0	µg/L	20.0		118	52-130			
Benzene	22.3	5.0	"	20.0		112	60-135			
Chlorobenzene	19.9	5.0	"	20.0		99.5	60-133			
1,1-Dichloroethene	21.5	5.0	"	20.0		108	42-150			
Toluene	22.5	5.0	"	20.0		112	60-137			
Trichloroethene	21.3	5.0	"	20.0		106	62-140			
Surrogate: Toluene-d8	*11.7*		"	*10.0*		*117*	*72-125*			
Surrogate: 1,2-Dichloroethane-d4	*12.2*		"	*10.0*		*122*	*66-135*			
Surrogate: Toluene-d8	*11.7*		"	*10.0*		*117*	*72-125*			
Surrogate: 4-Bromofluorobenzene	*8.80*		"	*10.0*		*88.0*	*73-125*			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32922 - EPA 5030 Water MS										
LCS Dup (CH32922-BSD1)				Prepared & Analyzed: 08/28/03						
Methyl tert-butyl ether	24.0	5.0	µg/L	20.0		120	52-130	1.26	30	
Benzene	22.2	5.0	"	20.0		111	60-135	0.449	25	
Chlorobenzene	20.0	5.0	"	20.0		100	60-133	0.501	25	
1,1-Dichloroethene	20.8	5.0	"	20.0		104	42-150	3.31	25	
Toluene	22.4	5.0	"	20.0		112	60-137	0.445	25	
Trichloroethene	21.8	5.0	"	20.0		109	62-140	2.32	25	
Surrogate: Toluene-d8	*11.5*		"	*10.0*		*115*	*72-125*			
Surrogate: 1,2-Dichloroethane-d4	*11.6*		"	*10.0*		*116*	*66-135*			
Surrogate: Toluene-d8	*11.5*		"	*10.0*		*115*	*72-125*			
Surrogate: 4-Bromofluorobenzene	*9.06*		"	*10.0*		*90.6*	*73-125*			
Batch CH32939 - EPA 5030 Soil MS										
Blank (CH32939-BLK1)				Prepared & Analyzed: 08/27/03						
Acetone	ND	100	µg/kg							
Di-isopropyl ether	ND	5.0	"							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Benzene	ND	5.0	"							
Bromobenzene	ND	5.0	"							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	10	"							
2-Butanone	ND	100	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	10	"							
o-Chlorotoluene	ND	5.0	"							
p-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	"							
1,2-Dibromo-3-chloropropane	ND	10	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	"							

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32939 - EPA 5030 Soil MS										
Blank (CH32939-BLK1)			Prepared & Analyzed: 08/27/03							
1,3-Dichlorobenzene	ND	5.0	µg/kg							
1,4-Dichlorobenzene	ND	5.0	"							
Dichlorodifluoromethane (Freon 12)	ND	10	"							
1,1-Dichloroethane	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
1,1-Dichloroethene	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	"							
trans-1,2-Dichloroethene	ND	5.0	"							
1,2-Dichloropropane	ND	5.0	"							
1,3-Dichloropropane	ND	5.0	"							
2,2-Dichloropropane	ND	5.0	"							
1,1-Dichloropropene	ND	5.0	"							
cis-1,3-Dichloropropene	ND	5.0	"							
trans-1,3-Dichloropropene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
1,1,2-Tricholoro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"							
Hexachlorobutadiene	ND	5.0	"							
2-Hexanone	ND	50	"							
Isopropylbenzene	ND	5.0	"							
p-Isopropyltoluene	ND	5.0	"							
Methylene chloride	ND	5.0	"							
4-Methyl-2-pentanone	ND	50	"							
Methyl tert-butyl ether	ND	5.0	"							
Naphthalene	ND	5.0	"							
n-Propylbenzene	ND	5.0	"							
Styrene	ND	5.0	"							
1,1,2,2-Tetrachloroethane	ND	5.0	"							
1,1,1,2-Tetrachloroethane	ND	5.0	"							
Tetrachloroethene	ND	5.0	"							
Toluene	ND	5.0	"							
1,2,3-Trichlorobenzene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	5.0	"							
1,1,2-Trichloroethane	ND	5.0	"							
1,1,1-Trichloroethane	ND	5.0	"							
Trichloroethene	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
1,2,3-Trichloropropane	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl chloride	ND	10	"							
Xylenes (total)	ND	10	"							

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CH32939 - EPA 5030 Soil MS										
Blank (CH32939-BLK1)				Prepared & Analyzed: 08/27/03						
Surrogate: Toluene-d8	*60.9*		*µg/kg*	*50.0*		*122*	*60-140*			
Surrogate: 1,2-Dichloroethane-d4	*49.4*		"	*50.0*		*98.8*	*50-125*			
Surrogate: Toluene-d8	*60.9*		"	*50.0*		*122*	*62-125*			
Surrogate: 4-Bromofluorobenzene	*56.2*		"	*50.0*		*112*	*50-128*			
LCS (CH32939-BS1)				Prepared & Analyzed: 08/27/03						
Methyl tert-butyl ether	52.8	5.0	µg/kg	50.0		106	60-140			
Benzene	40.2	5.0	"	50.0		80.4	64-135			
Chlorobenzene	47.3	5.0	"	50.0		94.6	67-133			
1,1-Dichloroethene	59.0	5.0	"	50.0		118	53-137			
Toluene	49.1	5.0	"	50.0		98.2	61-138			
Trichloroethene	47.5	5.0	"	50.0		95.0	64-130			
Surrogate: Toluene-d8	*58.2*		"	*50.0*		*116*	*60-140*			
Surrogate: 1,2-Dichloroethane-d4	*47.0*		"	*50.0*		*94.0*	*50-125*			
Surrogate: Toluene-d8	*58.2*		"	*50.0*		*116*	*62-125*			
Surrogate: 4-Bromofluorobenzene	*57.3*		"	*50.0*		*115*	*50-128*			
LCS Dup (CH32939-BSD1)				Prepared & Analyzed: 08/27/03						
Methyl tert-butyl ether	47.3	5.0	µg/kg	50.0		94.6	60-140	11.0	30	
Benzene	40.3	5.0	"	50.0		80.6	64-135	0.248	30	
Chlorobenzene	46.5	5.0	"	50.0		93.0	67-133	1.71	30	
1,1-Dichloroethene	60.0	5.0	"	50.0		120	53-137	1.68	30	
Toluene	48.0	5.0	"	50.0		96.0	61-138	2.27	30	
Trichloroethene	47.6	5.0	"	50.0		95.2	64-130	0.210	30	
Surrogate: Toluene-d8	*62.0*		"	*50.0*		*124*	*60-140*			
Surrogate: 1,2-Dichloroethane-d4	*44.2*		"	*50.0*		*88.4*	*50-125*			
Surrogate: Toluene-d8	*62.0*		"	*50.0*		*124*	*62-125*			
Surrogate: 4-Bromofluorobenzene	*60.5*		"	*50.0*		*121*	*50-128*			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-002
Project Number: 34352-002
Project Manager: Pam Wee

CLS Work Order#: CMH0751
COC #: 16033,17103

DRAFT: Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CI30230 - EPA 5030 Water MS										
Blank (CI30230-BLK1)				Prepared & Analyzed: 08/29/03						
Di-isopropyl ether	ND	5.0	µg/L							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Surrogate: Toluene-d8	*59.2*		"	*50.0*		*118*	*72-125*			
LCS (CI30230-BS1)				Prepared & Analyzed: 08/29/03						
Methyl tert-butyl ether	45.5	5.0	µg/L	50.0		91.0	52-130			
Surrogate: Toluene-d8	*60.1*		"	*50.0*		*120*	*72-125*			
LCS Dup (CI30230-BSD1)				Prepared & Analyzed: 08/29/03						
Methyl tert-butyl ether	47.7	5.0	µg/L	50.0		95.4	52-130	4.72	30	
Surrogate: Toluene-d8	*58.7*		"	*50.0*		*117*	*72-125*			

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-002 Project Number: 34352-002 Project Manager: Pam Wee	**CLS Work Order#: CMH0751** COC #: 16033,17103

Notes and Definitions

A-01	Due to degradation of the spike standard, the percent recovery for this analyte is below the lower control limit.
A-01a	Due to the IC instrument problem, the sample was analyzed by EPA method 353.3.
DSL-1	Although sample contains compounds in the retention time range associated with diesel, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on diesel.
GAS-1	Although sample contains compounds in the retention time range associated with gasoline, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on gasoline.
HT-1	The sample was received outside of the EPA recommended holding time.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
QM-10	LCS/LCSD were analyzed in place of MS/MSD.
R-03	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
R-07	The final volume of the extract for this sample was increased due to matrix interference, which resulted in higher reporting limits.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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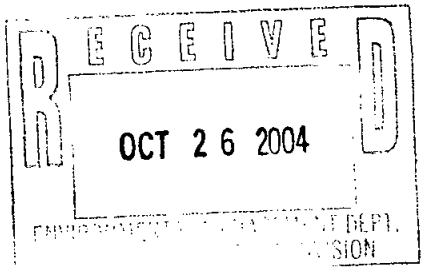

October 21, 2004
File: 47359-2

Mr. Barry Marcus
Sacramento County
Environmental Management Department - Hazardous Materials
8475 Jackson Road, Suite 230/240
Sacramento, CA 95826-3904

Subject: **Two 500-Gallon Gasoline UST Removals and Additional Geoprobe Soil and Groundwater Assessment**
3600 Airport Road
Sacramento, California

Dear Mr. Marcus:

Attached is the report describing environmental services performed at the property located at 3600 Airport Road (Machado Ranch) located in Sacramento, California. These services included: removal and disposal of two 500-gallon gasoline underground storage tanks (USTs), excavation of impacted soil, excavation confirmation sampling, stockpiled soil sampling and disposal, excavation backfilling, and an additional Geoprobe investigation to further evaluate the extent of petroleum hydrocarbon impact to the soil and groundwater in the vicinity of the USTs.

After reviewing preliminary analytical results and as discussed in the September 2004 meeting between Beazer Homes, Kleinfelder, and yourself, we have installed five monitoring wells at the site. Four additional monitoring wells will be installed in future. Kleinfelder will submit a separate report for the well installations, development, and sampling. If you have any questions or need additional information, please do not hesitate to call us.

Sincerely,

KLEINFELDER, INC.

Steven C. Dalton
Staff Geologist

Ronnie D. Hill
Project Manager

Eric S. Findlay, RG
Senior Geologist

SCD:RDH:ESF:aak

cc: Ms. Carol Hill
Beazer Homes
3721 Douglas Boulevard, Suite. 100
Roseville, California 95661

47359-2/SAC4R439

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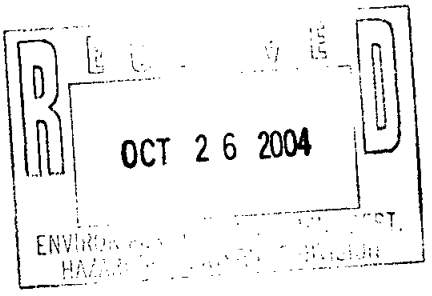
October 21, 2004
File: 47359-2



Ms. Carol Hill
Beazer Homes
3721 Douglas Boulevard, Suite 100
Roseville, California 95661

Subject: **Two 500-Gallon Gasoline UST Removals**
Additional Geoprobe Soil and Groundwater Assessment
3600 Airport Road
Sacramento, California

Dear Ms. Hill:

This report describes the field activities and analytical results for environmental services associated with the property located at 3600 Airport Road (Machado Ranch) located in Sacramento, California. These services included: removal and disposal of two 500-gallon gasoline underground storage tanks (USTs), excavation of impacted soil, excavation confirmation sampling, stockpiled soil sampling and disposal, excavation backfilling, and an additional Geoprobe investigation to further evaluate the extent of petroleum hydrocarbon impact to the soil and groundwater in the vicinity of the USTs.

The objective of this project was to remove the USTs (primary source of impact) according to the Sacramento County Environmental Management Department (SCEMD) requirements, and to over-excavate impacted soil (secondary source of impact) in an attempt to expedite remediation of the site. Subsequent to this, the objective was to provide additional soil and groundwater characterization in support of obtaining closure of the site.

Based on the results of the work performed at the site, this report also presents the recommendation to assess the natural attenuation of petroleum hydrocarbon concentrations in the groundwater by installing a network of groundwater monitoring wells the vicinity of the former USTs. If you have any questions or need additional information, please do not hesitate to call us.

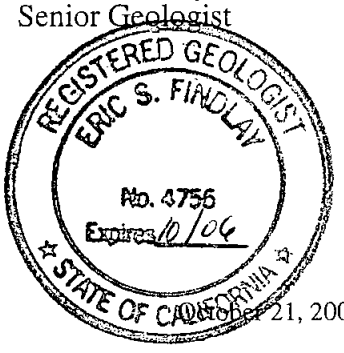
Sincerely,

KLEINFELDER, INC.

Steven C. Dalton
Staff Geologist

Ronnie D. Hill
Project Manager

Eric S. Findlay, RG
Senior Geologist



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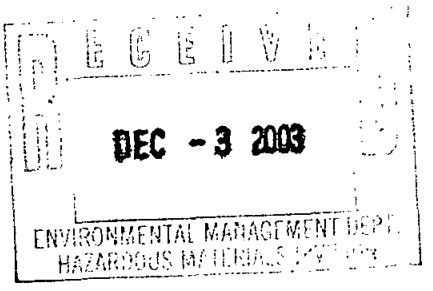

December 1, 2003

Barry Marcus
Local Oversight Program
County of Sacramento
Environmental Management Department
8475 Jackson Road
Suite 230
Sacramento, CA 95826-3904

LUFT

Re: Local Oversight Program Site No. G042
Machado Trust Property
3600 Airport Road
Sacramento, CA 95834

Dear Mr. Marcus:

In response to your letter of November 12, 2003 directed to Linda Machado Johnson, attached is a copy of the additional assessment conducted by Kleinfelder for the Machado property located at 3600 Airport Road, Sacramento.

Please call if you have any questions or need additional information.

Sincerely,

Carol Hill
Development Professional

Cc: Linda Machado Johnson
Steve Dalton, Kleinfelder

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November 25, 2003
File No.: 34352-003

Ms. Carol Hill
Beazer Homes Northern California
3721 Douglas Blvd. Suite 100
Roseville, California 95661

Subject: **Additional Soil and Groundwater Assessment Report**
3600 Airport Road
Sacramento, California

Dear Ms. Hill:

Attached are the analytical results for the additional soil and groundwater assessment conducted on November 11 through 13, 2003, at the property located at 3600 Airport Road in Sacramento, California (Plates 1 and 2). The Geoprobe sampling was performed to assess the lateral extent of petroleum hydrocarbons in the soil and groundwater in the vicinity of the southern on-site gasoline UST and former diesel AST. Potential impacts to on-site soil and groundwater from the northern off-site (Machado property) gasoline UST and former diesel AST were also assessed. The lateral extent was assessed by advancing 17 Geoprobe soil borings to groundwater, and collecting and analyzing soil and groundwater samples from the borings. In addition, an off-site domestic well was sampled to assess for potential impacts from the southern on-site UST. The well was located approximately 40 feet south of the UST.

BACKGROUND

Kleinfelder was retained by Beazer Homes to conduct a Phase I Environmental Site Assessment of the subject site concurrently with Phase II sampling. The property was formerly used for agricultural activities. Based on information provided by Beazer Homes, conditions on site that presented potential environmental concerns included:

- Two domestic wells,
- Animal facilities,
- Septic tank and leach field,
- Two underground gasoline storage tanks,
- Two overhead (above ground) diesel storage tanks
- Garbage pile (burn pit), and
- Shop shed.

At the time the Phase I ESA was conducted, information on specific constituents of concern or known contamination had not been provided. However, based on the reported site activities, potential constituents of concern included pesticides, metals, petroleum hydrocarbons (gasoline

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and diesel), volatile organic compounds (VOCs), and nitrates. The owner advised Beazer Homes that "items have been stored/dumped/used on this site, which could require clean-up". Therefore, Ms. Carol Hill of Beazer Homes requested Phase II sampling to investigate potential source(s) of impact on the property. Kleinfelder prepared a proposed scope of work for a Soil and Groundwater Assessment dated August 12, 2003, to address the potential environmental concerns.

On August 20 and 22, 2003, seven Geoprobe borings (GB-1 through GB-7) were advanced to depths ranging from 17 to 22 feet bgs at the locations shown on Plate 2. Groundwater was encountered in the seven Geoprobe borings, ranging from 15 to 20 feet bgs. A groundwater sample was collected from each of the seven Geoprobe borings. The following five areas were selected for Geoprobe sampling based on potential environmental concerns:

1. On-site (southern) Gasoline UST – Geoprobe borings GB-1 and GB-2 were located near the existing gasoline underground storage tank (UST), located near the southern boundary of the 8-acre parcel. Hydrocarbon odor and OVA readings were observed in the soil from approximately 8 to 20 feet bgs in the two borings. Hydrocarbon odor and sheen were observed in the groundwater samples collected from the two borings.

   The eastern top of the tank was exposed at ground surface. The tank was constructed of steel, and had a metal tag that read "Gasoline". Based on the size of the cement pad constructed over the tank, the curvature of the exposed tank, and a discussion with Mr. Frank Machado, the capacity/size of the tank is estimated to be approximately 500 gallons. Mr. Machado indicated that the tank had not been used since 1974.

   One soil and one groundwater sample were analyzed from each boring, GB-1 and GB-2 (total of four samples). Diesel was detected at 530,000 and 200,000 ug/kg in the soil samples and at 5,600 and 6,000 ug/L in the groundwater samples, respectively. Gasoline was detected at 1,400,000 and 880,000 ug/kg in the soil samples and at 120,000 and 2,600,00 ug/L in the groundwater samples, respectively. MTBE was detected at 4,500 ug/kg in the soil sample from GB-1. Benzene, toluene, ethylbenzene, and xylenes were detected ranging from 1,700 to 280,000 ug/kg in the two soil samples and ranged from 1,300 to 47,000 ug/L in the two groundwater samples. Motor oil was not detected above laboratory reporting limits in the four samples.

2. Former On-site (Southern) Diesel AST - Geoprobe borings GB-3 and GB-4 were located near the former diesel above ground storage tank (AST), located approximately 50 feet northeast of the shop shed. Hydrocarbon odor and OVA readings were not observed in the soil. Hydrocarbon odor and sheen were not observed in the groundwater samples collected from the two borings.

   Two soil and two groundwater samples were analyzed from GB-3 and GB-4. Motor oil was detected at 7,800 and 12,000 ug/kg in the soil samples and at 2,300 ug/L in one of the groundwater samples. Because the AST was reported to contain diesel, the source of motor oil is unknown. Diesel, gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits.

3. Off-site (Northern) Gasoline UST and Former Diesel AST - The northern gasoline UST and former diesel AST were located south of the house and detached garage on the Machado property. Based on information provided by the property owner, the capacity/size of the UST is approximately 500 gallons and is no longer used for fueling operations. GB-5 was located approximately 8 feet north of the UST. According to the property owner, the former diesel AST was positioned directly above the gasoline UST. The owner authorized Kleinfelder to advance the boring on his property.

   One groundwater and two soil samples were analyzed from GB-5. Motor oil was detected at 10,000 ug/kg in the soil sample collected from 3.5 to 4 feet bgs. Diesel was

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detected at 19,000 ug/kg in the soil sample collected from 10.5 to 11 feet bgs and at 4,400 ug/L in the groundwater sample. Gasoline was detected at 1,400 ug/kg in the soil sample collected from 10.5 to 11 feet bgs and at 23,000 ug/L in the groundwater sample. MTBE was detected at 12 ug/kg in the soil sample collected from 10.5 to 11 feet bgs and at 57 ug/L in the groundwater sample. Benzene, toluene, ethylbenzene, and xylenes were detected ranging from 5 to 1,400 ug/kg in the soil samples collected from 10.5 to 11 feet bgs and ranged from 970 to 23,000 ug/L in the groundwater sample. Because the AST has been removed, the source of diesel impact may also have been removed.

4. Leach Field - GB-6 was located approximately 10 to 15 feet east of the leach field line, located east of the house. Hydrocarbon odor and OVA readings were not observed in the soil. Hydrocarbon odor was not observed in the groundwater sample collected from the boring.

   One soil and one groundwater sample were analyzed from GB-6. Motor oil was detected at 5,900 ug/kg in the soil sample collected from 1.5 to 2 feet bgs. Diesel, gasoline, BTEX, the five fuel oxygenates, and organochlorine pesticides were not detected above laboratory reporting limits in the soil and groundwater samples. The VOC naphthalene was detected at 9.3 ug/L in the groundwater sample. VOCs were not detected in the soil sample.

5. Potential Off-site Source (Natomas Airport) - GB-7 was located near the northwest corner of the property. Information obtained from the Phase I ESA indicated that the former Natomas Airport, located northwest of the site, had an UST leak and groundwater was impacted with hydrocarbon constituents. Because the groundwater gradient was reported to be in a southern direction, Kleinfelder elected to advance a boring to evaluate potential hydrocarbon impacts to groundwater. Hydrocarbon odor and OVA readings were not observed in the soil. Hydrocarbon odor was not observed in the groundwater sample collected from the boring. A groundwater sample was analyzed from GB-7. Motor oil, diesel, gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits.

In addition to the Geoprobe samples, shallow soil samples were collected from 10 hand auger boring locations (S-1 through S-10) throughout the site and a groundwater sample was collected from a domestic well. The hand auger borings samples were collected to assess potential impacts in the shallow soil near a shop shed, soil berm, and agricultural fields. The on-site (operational) Machado domestic well was sampled to assess the well water for petroleum hydrocarbons, pesticides, and nitrate as NO_3.

Shop Shed

Elevated concentrations of motor oil were detected in the soil samples collected from S-1 (beneath the 55 gallon drum) and S-2 (inside the shed). Lead was detected at 150 mg/kg in the sample from S-1 and at 540 mg/kg in the sample from S-2, which were at and above the established PRG of 150 mg/kg, respectively. Kleinfelder recommended that the visibly stained surface soil inside the shed and near the base of the 55 gallon drum be excavated and transported under manifest to an approved disposal facility.

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Agricultural Fields and Soil Berm

The two pesticides, 4,4-DDE and 4,4-DDT, were detected in the sample collected from S-7 (soil berm) and S-8 (northeast area of the property and former agricultural field) at concentrations well below the PRG of 220 ug/kg. Based on the analytical results, Kleinfelder did not recommend additional assessment of persistent pesticides at the property.

Elevated concentrations of motor oil were detected in the three samples (S-3, S-5, and S-7) collected from the soil berm. The results correspond with the property owner's soil report, which showed concentrations of diesel and motor oil in the soil. However, elevated lead and selenium were not detected in the soil berm samples, which did not correspond to the soil report.

Machado Domestic Well

Nitrate as NO_3 was the only constituent detected (2,900 ug/L) in the groundwater sample collected from the northern operable Machado domestic well. The detected concentration was well below the established MCL of 45,000 ug/L. The southern (inoperable) well was not sampled due to access issues; therefore, the water chemistry was not assessed. Kleinfelder recommended that if Beazer Homes does not intend on using the domestic wells as water sources, the wells should be properly destroyed according to SCEMD guidelines.

The results of the subsurface investigation were reported in Kleinfelder's Limited Phase II Soil and Groundwater Assessment report, dated September 5, 2003. In summary, the soil and groundwater have been impacted primarily with petroleum hydrocarbons in select areas of the property. Although the extent of impact had not assessed, the soil and groundwater near the off-site (northern) and on-site (southern) USTs were impacted with petroleum hydrocarbons. Kleinfelder recommended that the USTs and affected soil be removed by a licensed contractor, followed by confirmation soil/groundwater sampling.

After reviewing the September 5, 2003 report, Ms. Carol Hill of Beazer Homes requested additional sampling to evaluate the extent of petroleum hydrocarbons in the soil and groundwater at the site. Kleinfelder prepared a scope of work, outlined in an Additional Soil and Groundwater Assessment Work Plan, dated November 5, 2003. The following sections describe the observations and results of the sampling activities outlined in the November 5, 2003 work plan.

PERMITTING AND PRE-FIELD ACTIVITIES

The Sacramento County Environmental Management Department (SCEMD) requires a permit for borings drilled within 10 feet of groundwater. Because the scope of work included advancing Geoprobe borings to groundwater, permitting was required. Kleinfelder submitted a boring permit application and associated fees for the Geoprobe borings to SCEMD. A copy of the approved permit is included in Appendix A. In addition, soil boring locations were marked in white paint and Underground Service Alert was notified at least 48 hours prior to advancing the borings to notify local utilities of the proposed subsurface assessment.

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FIELD ACTIVITIES

Geoprobe sampling was performed to assess the extent of petroleum hydrocarbons in the soil and groundwater in the vicinity of the southern on-site gasoline UST and former diesel AST. Potential impacts to on-site soil and groundwater from the northern off-site (Machado property) gasoline UST and former diesel AST were also assessed. The lateral extent was assessed by advancing 17 Geoprobe soil borings to groundwater, and collecting and analyzing soil and groundwater samples from the borings. In addition, an off-site domestic well was sampled to assess for potential impacts from the southern on-site UST. The well was located approximately 40 feet south of the UST.

Geoprobe Boring Sampling

On November 11 through 13, 2003, 17 Geoprobe borings (GB-8 through GB-24) were advanced to depths ranging from 18 to 25 feet bgs at the locations shown on Plate 2. Four Geoprobe borings (GB-21 through GB-24) were advanced on the property located adjacent and south of the Machado property. Prior to advancing the four borings, Beazer Homes acquired written authorization from the property owner to access the property.

En-Prob Environmental Probing of Oroville, California advanced the Geoprobe borings. While advancing the borings, an environmental geologist logged and classified the soil, and collected soil and groundwater samples for laboratory analysis. Soil samples were obtained from the borings by advancing a Geoprobe core sampler. This consisted of a hollow rod with plastic tubing inside. The probe was driven/pushed at the desired depth, over a 4-foot interval, while the soil sample was collected and contained inside the plastic tubing. Once the sample was brought to the surface, the desired interval was obtained, and the ends of the tubing were sealed with Teflon tape and plastic caps. The soil sample containers were labeled and placed in an iced cooler, pending transfer to the laboratory for analysis.

Prior to sealing the sample tubes, a portable organic vapor analyzer (OVA) was used to screen the samples. OVA readings provide a qualitative indication of volatile organic constituents in the samples, OVA measurements (ppmv – parts per million by volume) were used to aid in the selection of samples submitted to the laboratory. OVA readings were observed in Geoprobe borings (GB-15, GB-16, GB-17, GB-18, GB-20, GB-22, and GB-23) at levels ranging from 0.06 to 1,400 ppmv. Kleinfelder sample data sheets, summarizing the samples collected and OVA readings are included in Appendix B.

Groundwater was encountered in the 17 Geoprobe borings from 16 to 22 feet bgs. A groundwater sample was collected from each of the Geoprobe borings. Temporary PVC pipe and well screen were used to prevent the sides of the boreholes from collapsing so that groundwater could enter the borehole and be sampled. Groundwater samples were collected from the borings by placing new plastic tubing down the PVC pipe and using a peristaltic pump to remove and transfer water into bottles prepared by the laboratory. The groundwater sample containers were labeled and placed in an iced cooler, pending transfer to the laboratory for analysis.

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The November 2003 Geoprobe boring locations were based on the results of the August 2003 Geoprobe Investigation. The following three areas of concern were selected for sampling:

1. Machado Off-site (Northern) Gasoline UST and Former Diesel AST – Geoprobe borings GB-8 through GB-11 were advanced near the northern and eastern boundaries of the Machado property. The borings were advanced to assess the potential migration of petroleum hydrocarbons in the soil and groundwater associated with the off-site gasoline UST and former diesel AST, located south of the Machado residence and detached garage. The soil generally consisted of alternating layers of clays, silts, and sands to the bottom of the borings (18 to 20 feet bgs). Groundwater was encountered from approximately 16 to 19.5 feet bgs in a silty sand unit. Hydrocarbon odor and OVA readings were not observed in the soil or groundwater samples collected from the four borings.
2. Former On-site (Southern) Diesel AST - Geoprobe borings GB-11 through GB-14 were advanced near the south eastern boundary of the Machado property. The borings were advanced to assess the potential migration of petroleum hydrocarbons in the soil and groundwater associated with the former on-site diesel AST, located near the southeast corner of the Machado property. The soil generally consisted of alternating layers of clays, silts, and sands to the bottom of the borings (18 to 20 feet bgs). Groundwater was encountered from approximately 16 to 18 feet bgs in a silty sand unit. Hydrocarbon odor and OVA readings were not observed in the soil or groundwater samples collected from the four borings.
3. On-site (Southern) Gasoline UST - Geoprobe borings GB-15 through GB-24 were located in the vicinity of the gasoline UST, located near the southern boundary of the 8 acre parcel. The soil generally consisted of alternating layers of silts and sands to the bottom of the borings (20 to 25 feet bgs). Groundwater was encountered from approximately 16.5 to 22 feet bgs in a silty sand unit. Hydrocarbon odor and OVA readings (at levels ranging from 0.06 to 1,400 ppmv) were observed in: GB-15 from 14 to 18 feet bgs, GB-16 from 10 feet bgs and into groundwater, GB-20 from 11 to 17 feet bgs, GB-22 from 12.5 to 17.5 feet bgs, and GB-23 from 13.5 feet bgs and into groundwater. Low OVA readings were recorded in GB-18; however, hydrocarbon odor was not observed.

To reduce the potential for cross-contamination between the probe borings, Geoprobe sampling equipment was cleaned prior to advancing each boring. The borings were backfilled with a cement grout to surface grade upon completion of the sampling. A representative of SCEMD was present for grout inspection and approved the grouting method. A copy of Kleinfelder's field protocol is included in Appendix C.

Off-site Domestic Well Sampling

A domestic well supplies water to the residence south of the subject property. The well was located approximately 40 feet south of the southern UST in an enclosed wooden pump house at the location shown on Plate 2. Water from the well is pumped into a pressure storage tank located adjacent to the well. Kleinfelder typically collects well water samples from the associated tank. However, the valve on the tank appeared to be rusted and may not have closed once opened. Therefore, Kleinfelder collected a water sample from the closest water spigot to the well (approximately 5 feet west of the tank and well). Prior to collecting the water sample, Kleinfelder opened the water spigot valve to remove stagnant water from the piping and replace it with water from the well/tank. The valve was opened for approximately 1 minute, allowing

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water to purge to the ground surface. Kleinfelder then filled the sample bottles. The sample bottles were labeled and placed into an iced cooler pending transportation to the analytical laboratory under chain-of-custody protocols.

LABORATORY ANALYSIS

A total of 34 samples (16 soil and 18 water) were submitted for laboratory analyses. The samples were submitted under chain-of-custody control to California Laboratory Services (CLS), of Rancho Cordova, California for analysis. CLS is certified by the State of California for the requested analyses. The samples were analyzed for the following constituents:

- Total petroleum hydrocarbons (TPH) extractable as diesel and motor oil,
- TPH purgeable as gasoline,
- Benzene, toluene, ethylbenzene, and xylenes (BTEX), and
- Five fuel oxygenates (MTBE, ETBE, TAME, TBA, and DIPE).

ANALYTICAL RESULTS

A summary of the analytical results is presented in Table 1. Copies of chain-of-custody forms and analytical laboratory reports are included in Appendix D.

Machado Off-site (Northern) Gasoline UST and Former Diesel AST

A soil and groundwater sample were analyzed from each of four Geoprobe borings, GB-8 through GB-11 (eight samples total). TPH extractable as diesel and motor oil, TPH purgeable as gasoline, BTEX, and the five fuel oxygenates were not detected in the soil or groundwater samples.

Former On-site (Southern) Diesel AST

A soil and groundwater sample were analyzed from each of four Geoprobe borings, GB-11 through GB-14 (eight samples total). TPH extractable as motor oil was detected at 3,500 ug/kg in the soil sample collected from 7.5 to 8 feet bgs in GB-13. TPH extractable as diesel, TPH purgeable as gasoline, BTEX, and the five fuel oxygenates were not detected in the soil sample. TPH extractable as diesel and motor oil, TPH purgeable as gasoline, BTEX, and the five fuel oxygenates were not detected in the groundwater sample collected from GB13, or in the soil and groundwater samples collected from GB-11, GB-12, and GB-14. GB-13 was located approximately 40 feet south of the former diesel AST.

Off-site Domestic Well

TPH extractable as diesel and motor oil, TPH purgeable as gasoline, BTEX, and the five fuel oxygenates were not detected above laboratory reporting limits in the domestic well groundwater sample.

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On-site (Southern) Gasoline UST

One soil and one groundwater sample were analyzed from each of 10 Geoprobe borings, GB-15 through GB-24, with the exception of GB-17 (groundwater only). Select petroleum hydrocarbons were detected in GB-16, GB-22, and GB-23.

- GB-16 - TPH extractable as diesel was detected at 110,000 ug/kg in the soil sample collected from 14.5 to 15 feet bgs and at 310,000 ug/L in the groundwater sample collected from GB-16. TPH purgeable as gasoline was detected at 50,000 ug/kg in the soil sample and at 98,000 ug/L in the groundwater sample. Toluene, ethylbenzene, and xylenes were detected from 370 to 1,800 ug/kg in the soil sample. Benzene, toluene, ethylbenzene, and xylenes were detected from 1,400 to 32,000 ug/L in the groundwater sample. TPH extractable as motor oil and the five fuel oxygenates were not detected above laboratory reporting limits in the soil or groundwater samples from GB-16.
- GB-22 - Toluene was detected at 0.71 ug/L in the groundwater sample collected from GB-22. With the exception of toluene, TPH extractable as diesel and motor oil, TPH purgeable as gasoline, BTEX, and the five fuel oxygenates were not detected in the soil or groundwater samples collected from GB-22.
- GB-23 - TPH extractable as diesel was detected at 3,000 ug/L in the groundwater sample collected from GB-23. TPH purgeable as gasoline was detected at 10,000 ug/L in the groundwater sample. Benzene, toluene, ethylbenzene, and xylenes were detected from 110 to 500 ug/L in the groundwater sample. TPH extractable as motor oil and the five fuel oxygenates were not detected above laboratory reporting limits in the groundwater sample. TPH extractable as diesel and motor oil, TPH purgeable as gasoline, BTEX, and the five fuel oxygenates were not detected in the soil sample collected from GB-23.

TPH extractable as diesel and motor oil, TPH purgeable as gasoline, BTEX, and the five fuel oxygenates were not detected in the soil or groundwater samples from GB-15, GB-17, GB-18, GB-19, GB-20, GB-21, and GB-24.

CONCLUSIONS

Kleinfelder compared the detected concentrations in the soil samples to the U.S. Environmental Protection Agency's Preliminary Remediation Goals (PRGs) for sites with residential land uses. PRGs are risk-based concentrations derived by EPA to screen soil for potential health effects, based on the intended land use. Assumption of residential land use is a conservative assumption appropriate for initial risk-based screening. Chemical concentrations in soil above the PRG suggest that further evaluation of potential risks at the site is warranted.

In addition, we compared the concentrations reported in the groundwater samples to Water Quality Goals set by the Regional Water Quality Control Board (RWQCB). MCLs are "enforceable standards" for human health protection from chemicals in drinking water.

Machado Off-site (Northern) Gasoline UST and Former Diesel AST

Analytical results indicated that the soil and groundwater on the property Beazer Homes intends to purchase does not appear to have been impacted with petroleum hydrocarbons from the Machado off-site UST and former diesel AST.

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Former On-site (Southern) Diesel AST

To date, six Geoprobe borings have been advanced in the vicinity of the former diesel AST. The soil and groundwater have been impacted with low concentrations of TPH extractable as motor oil. The highest concentration of motor oil was detected at 12,000 ug/kg in the soil sample collected from 3.5 to 4 feet bgs in GB-3, located approximately 15 feet south of the former AST. Motor oil concentrations in the soil decrease with increasing depth and distance from the former AST. Of the six Geoprobe borings, motor oil was detected in the groundwater from only one boring (GB-4) at 2,300 ug/L. GB-4 was located approximately 10 feet north of the former AST. During the November 2003 Geoprobe investigation, motor oil was not detected in the soil to the north, east, and southwest, or in the groundwater to the north, east, south, and southwest of the former AST. Motor oil was detected at 3,500 ug/kg in the soil sample collected from 7.5 to 8 feet bgs in GB-13. GB-13 was located approximately 40 south of the former diesel AST.

The analytical results of the August and November 2003 Geoprobe investigations indicate that the soil and groundwater have been impacted with low concentrations of TPH extractable as motor oil. A PRG and MCL have not been developed motor oil; therefore, comparisons were not possible. Although not confirmed with SCEMD, based on Kleinfelder's experience with similar projects, additional assessment and remediation of the soil and groundwater in the vicinity of the former AST are not anticipated. The low concentrations of TPH extractable as motor oil should decrease over time from natural attenuation.

Off-site Domestic Well

Analytical results indicated that the domestic well located on the property south of the Machado property does not contain detectable levels of select petroleum hydrocarbons. Therefore, it does not appear that the off-site domestic well has been impacted by the UST.

On-site (Southern) Gasoline UST

To date, soil and groundwater samples have been collected and analyzed from 12 Geoprobe borings (GB-1, GB-2, and GB-15 through GB-24) and a groundwater sample was collected from the off-site domestic well in the vicinity of the UST. The soil and groundwater have been impacted with petroleum hydrocarbons in the vicinity of the on-site (southern) gasoline UST. PRGs and MCLs have not been developed motor oil or gasoline; therefore, comparisons were not possible. With the exception of toluene and xylenes in GB-23, concentrations of benzene, toluene, ethylbenzene, and xylenes detected in the groundwater samples from GB-1, GB-2, GB-16, and GB-23 exceeded their respective MCLs.

Based on the analytical results of the sampling, the lateral extent of impact in the soil and groundwater surrounding the UST is estimated to be approximately 80 feet (north/south) by 120 feet (east/west). This estimate is based on Geoprobe sample points and has not been confirmed with groundwater monitoring wells. Plate 2 shows the estimated area of impact.

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SITE REMEDIATION

Kleinfelder understands that Beazer Homes would like to know what the possible costs might be to correct the contamination identified in this and earlier reports. While Kleinfelder cannot quantify with certainty what the costs might be, we can express an opinion regarding possible ranges of cost based on our experience with other sites with similar contaminants.

The issues that will need further clarification and definition prior to knowing with greater certainty what the likely range of remedial costs might be include, in no particular order (and are not limited to):

- Coordination with local and state regulatory officials regarding cleanup expectations, permits, and health risk assumptions and calculations
- Results of pilot scale and bench testing of remedial options to determine their effectiveness in this particular site environment
- Contractor and supplier bids to more exactly define actual equipment and construction costs

It is possible, although we cannot determine how likely at this time without discussing the site with the regulatory community, that the contamination on this property could be addressed with what is known as a Risk Based Correction Action plan. In this case, the regulators are asked to determine whether the current levels of contamination pose a health or environmental risk to the public and the environment. The results of such an evaluation could allow for no cleanup, or perhaps a reduced level of cleanup effort.

Should cleanup be required, our current information indicates that a combination of soil vapor extraction and/or groundwater extraction may be the most suitable remedial option. Our experience with other sites in our geography has shown these cleanups to cost anywhere from $250,000 to $500,000 or more, and take several years to effect. Again, these range of costs are very preliminary and subject to the variable and somewhat unknown factors listed above. Ranges of possible remedial costs can be narrowed once the issues above are addressed.

LIMITATIONS

This report is subject to the limitations and conditions included in our existing contract with Beazer Homes. The scope of services performed during the limited sampling were not intended to be inclusive, to identify all potential concerns, or to eliminate the possibility of environmental problems. Within current technology, no level of assessment can show conclusively that a property or its structures are completely free of hazardous substances. Therefore, Kleinfelder cannot offer a certification that the property is clear of environmental liability.

This report was prepared in general accordance with accepted standards of care which exist in Northern California at the time the investigation was performed. The scope of work was limited to sampling near-surface soil at eight locations throughout the site. Conclusions are based on information obtained from analytical results provided by California Laboratory Services (CLS) and information provided by the client. It should be recognized that definition and evaluation of subsurface conditions are a difficult and inexact art. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present. More extensive studies, including additional subsurface investigations, may reduce the

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inherent uncertainties associated with subsurface modeling. If the client wishes to reduce the uncertainty beyond the level associated with this study, Kleinfelder should be notified for additional consultation. No warranty, expressed or implied, is made.

This report may be used only by the client and only for the purposes stated, within a reasonable time from its issuance. Land use, site conditions (both on site and off site) or other factors may change over time, and additional work may be required with the passage of time.

If you have any questions or need additional information, please contact us at 916-366-1701.

Sincerely,

KLEINFELDER, INC.

Eric S. Findlay, R.G.
Senior Geologist

Steven C. Dalton for
Pamela A. Wee, D. Env.
Project Manager

ESF:PAW:sev

Plates

Plate 1 - Site Location Map
Plate 2 - Site and Sample Location Map

Tables

Table 1 - Summary Analytical Results

Appendices

A SCEMD Permit
B Kleinfelder Sample Data Sheets
C Kleinfelder Field Protocol
D Chain-of-Custody Forms and Laboratory Analytical Reports

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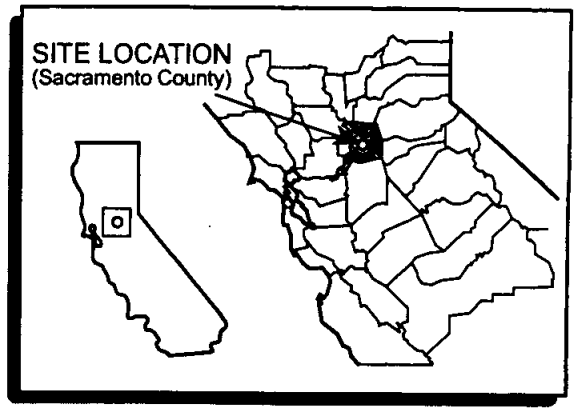


Truxel Canal

Natomas Airport

Airport Rd

SITE

Drainage

Road

99

5

80

East

San Juan Road

Truxel Road

99

5

N

NOT TO SCALE

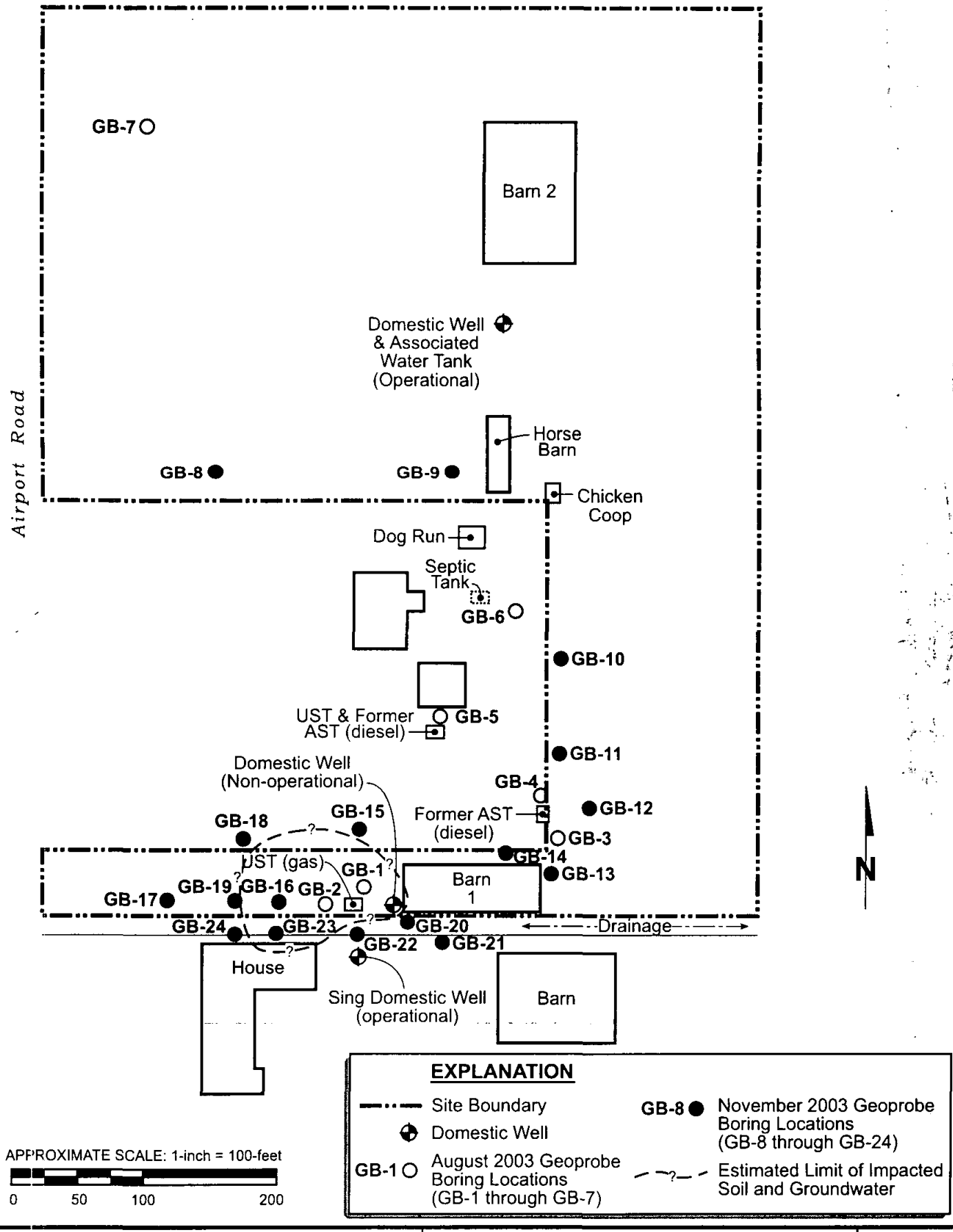
KLEINFELDER

Drawn By: D. Shelhart
Project No. 34352-1

Date: 9-2-2003
Filename: 2856a.fh10

SITE LOCATION MAP
3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
1



KLEINFELDER

Drawn By: D. Shelhart
Project No. 34352-003

Date: 11-20-2003
Filename: 2856f.fh10

GEOPROBE BORING LOCATION MAP

3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
2

Table 1
Summary of Analytical Results
3600 Airport Road
Sacramento, California
34352-003

Sample Location		Sample Number	Sample Date	Sample Depth (Feet)	TPH Diesel	TPH Motor Oil	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	5 Oxygenates	Reporting Units
August 2003													
GB-1	soil	30001	8/20/03	9.5--10	**530,000**	ND	**1,400,000**	**1,700**	**110,000**	**37,000**	**280,000**	**4,500 (MTBE)**	ug/kg
	water	11112			**5,600**	ND	**120,000**	**34,000**	**27,000**	**1,300**	**4,400**	ND	ug/L
GB-2	soil	30002	8/20/03	13.5--14	**200,000**	ND	**880,000**	**3,000**	**69,000**	**20,000**	**100,000**	ND	ug/kg
	water	11113			**6,000**	ND	**2,600,000**	**47,000**	**42,000**	**2,300**	**12,000**	ND	ug/L
GB-3	soil	30003	8/20/03	3.5--4	ND	**12,000**	ND	ND	ND	ND	ND	ND	ug/kg
	water	11114			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-4	soil	30004	8/20/03	8.5--9	ND	**7,800**	ND	ND	ND	ND	ND	ND	ug/kg
	water	11115			ND	**2,300**	ND	ND	ND	ND	ND	ND	ug/L
GB-5	soil	30005	8/20/03	3.5--4	ND	**10,000**	ND	ND	ND	ND	ND	ND	ug/kg
	soil	30006		10.5--11	**19,000**	ND	**1,400**	**8**	**5**	**21**	**83**	**12 (MTBE)**	ug/kg
	water	11116			**4,400**	ND	**23,000**	**2,500**	**1,900**	**970**	**3,500**	**57 (MTBE)**	ug/L
GB-6	soil	30007	8/22/03	1.5--2	ND	**5,900**	ND	ND	ND	ND	ND	ND	ug/kg
	water	11119			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-7	soil	30008	8/22/03	surface--0.5									ug/kg
	water	11120			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
Machado Domestic Well		20001	8/22/03	--	ND	ND	ND	ND	ND	ND	ND	ND	ug/L
November 2003													
GB-8	soil	11111	11/11/03	9.5--10	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00008			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-9	soil	11112	11/11/03	3.5--4	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00009			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-10	soil	11113	11/11/03	7.5--8	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00010			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-11	soil	11114	11/11/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00011			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-12	soil	11115	11/11/03	7.5--8	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00012			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-13	soil	11116	11/11/03	7.5--8	ND	**3,500**	ND	ND	ND	ND	ND	ND	ug/kg
	water	00013			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-14	soil	11117	11/11/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00014			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-15	soil	30001	11/12/03	15.5--16	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00015			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-16	soil	11118	11/12/03	14.5--15	**110,000**	ND	**50,000**	ND	**370**	**380**	**1,800**	ND	ug/kg
	water	00016			**310,000**	ND	**98,000**	**32,000**	**16,000**	**1,400**	**11,000**	ND	ug/L
GB-17	wate	00017	11/12/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-18	soil	11120	11/12/03	14.5--15	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00018			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-19	soil	11121	11/11/03	13--13.5	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00019			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-20	soil	11122	11/13/03	15.5--16	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00020			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-21	soil	11123	11/13/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00021			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
GB-22	soil	11124	11/13/03	12.5--13	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00022			ND	ND	ND	ND	**0.71**	ND	ND	ND	ug/L
GB-23	soil	11125	11/13/03	13.5--14	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00023			**3,000**	ND	**10,000**	**140**	**110**	**500**	**290**	ND	ug/L
GB-24	soil	11126	11/13/03	11.5--12	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg
	water	00024			ND	ND	ND	ND	ND	ND	ND	ND	ug/L
Off-site Domestic Well		DW-Sing	11/13/03		ND	ND	ND	ND	ND	ND	ND	ND	ug/L

ND - none detected above laboratory reporting limits
Blank cells : not analyzed

ug/kg : micrograms per kilogram (parts per billion)
ug/L : micrograms per liter (parts per billion)

Hand $72 Expedited Fee

ENVIRONMENTAL HEALTH DIVISION 875-8440
HAZARDOUS MATERIALS DIVISION 875-8550

WELL APPLICATION and PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT
8475 JACKSON ROAD, SUITE 230/240
SACRAMENTO, CA 95826

FOR OFFICE USE ONLY

168-46 TO

☐ DISAPPROVED ☒ APPROVED Date Received: 11/6/2003 Permit Number: [illegible]
☐ APPROVED WITH CONDITIONS (See attachment) Date Issued: 11/10/2003 Census Tract: [illegible]
By: [signature] Date: 11/10/03 Total Fee: $ 453.00 Receipt Number: SW 99203 SW 10658
Grout inspection By: _____ Date: / / Deferred By: _____ Site Number F042
Actual Well Depth: _____ Actual Grout Depth: _____ Final Inspection By: _____ Date: / /
Depth to first Water: _____ Well Destruction Inspection By: _____ Date: / /
Reinspection By: _____ Date(s): _____ Fee @ Prevaling Rate: $ _____

COMMENTS: Advance 16 Geoprobe borings to aprox. 25 ft bgs to obtain soil & groundwater samples for site investigation.

APPLICATION FOR A PERMIT TO PERFORM WORK AT THE LOCATION AS INDICATED BELOW:

Inspecting Division: ☐ ENVIRONMENTAL HEALTH ☒ HAZARDOUS MATERIALS 6/11 (2)

Site Address: 3600 Airport Rd. City: Sacramento Zip: _____
Nearest Major Cross Street: San Juan Rd. Parcel Number: _____
Property Owner: Beazer Homes Phone Number: 916-773-3888
Owner's Address: 3009 Douglas Blvd. Suite 150 City: Roseville Zip: 95661
Well Contractor: EnProb Environmental Probing License Number: 777007 Type: C-57
Contractor Address: P.O. Box 6093 Expiration Date: 4/30/2004
City: Oroville Zip: 95966 Phone: 530-589-2019 Well/Boring Identification Number: GB-8 to GB-23 (16 Geoprobe borings)

WORK TO BE PERFORMED:

☐ Construct Well, (C-57 Lic. Req.) ☐ Install New Pump, (C-57, C-61 or Class A) ☐ Test Hole With Destruction (C-57 Lic. Req.)
☐ Deepen Well, (C-57 Lic. Req.) ☐ Repair/Replace Pump, (C-57, C-61 or Class A) ☐ Inactivation Permit , Owner Only
☐ Repair Well, (C-57 Lic. Req.) ☐ Destroy Well (C-57 Lic. Required) ☑ Other (state) 16 Geoprobe borings
Comments: Obtain soil & groundwater samples for laboratory analysis.

DISTANCE TO NEAREST: Leach Field: _____ Leach Pit: _____ Septic Tank: _____ Sewer Line: _____
Stream, ditch, Drainage Canal: _____ 100 year flood plain: _____

INTENDED USE:
☐ Domestic/Private
☐ Public Water System
☐ Irrigation
☐ Cathodic Protection
☐ Monitoring
☐ Extraction/Recovery
☐ Other (state)

DRILLING METHOD:
☐ Auger
☐ Cable Tool
☑ Driven (Geoprobe)
☐ Rotary
☐ Other (state)

CONSTRUCTION SPECIFICATIONS
BOREHOLE: Diameter: 2-in Depth: 25 ft Gravel Pack: ☐ Yes ☑ No
CASING: Diameter: — Depth: —
If Steel, Gauge: — or Thickness: —
If Plastic, Type: — (MUST MEET ASTM F-480)
If Conductor, Diameter: — Depth: —
GROUT: Depth: 5 to 25 ft Sealing Material: Cement (from 0 to 5 ft = Sand)
TRANSITION SEAL: Material: — Interval: —
Comments: Soil / groundwater investigation

PUMP INSTALLATION/REPAIR: Contractor: _____ License Number: _____
Type of Pump: _____ Horse Power: _____ License Type: _____ Expiration Date: _____
WELL/TEST HOLE DESTRUCTION: Diameter: _____ Total Depth: _____ Depth to Water: _____

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating well construction, call for a grout/destruction inspection **at least 48 hours prior to placement of sealing material**, notify the Department within 5 days of the completion of my work so a final inspection can be made and obtain final approval before placing the well in service.

Signature: Steven C. Dalton ☐ Property Owner ☐ Well Contractor
Print Name: Steven C. Dalton ☐ Agent for Property Owner* ☑ Agent for Well Contractor*
Company: Kleinfelder Phone: 916-366-1701 *Authorization Verified By: See attached letter
Mailing Address: 3077 Fite Circle City, State, Zip: Sacramento, CA 95827

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION
PERMIT EXPIRES ONE (1) YEAR FROM DATE ISSUED

SAMPLE DATA SHEET KLEINFELDER

Project Name 3600 Airport Rd.

Project No. 34352-003

P.O. No. CHAIN-OF-CUSTODY # 10101, 10102, 10103

Sampler Name, No. Steve Dalton, 4178

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-8	11-11-03			3.5-4	0			
				7.5-8				
		0900	11111	9.5-10		CLS		soil
				13.5-14				
				17.5-18				
		0930	00008	—		CLS		water
GB-9		0950	11112	3.5-4	0	CLS		soil
				9.5-10				
				13.5-14				
				15.5-16				
				17.5-19				
		1030	00009	—		CLS		water
GB-10				3-3.5	0			
		1100	11113	7.5-8		CLS		soil
				11.5-12				
				15.5-16				
		1130	00010	—		CLS		water
GB-11				3.5-4	0			
				7.5-8				
		1220	11114	11.5-12		CLS		soil
				13.5-14				
		1300	00011	—		CLS		water

2Forms89-37

SAMPLE DATA SHEET KLEINFELDER

Project Name

Project No. 34352-003

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No.

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-12	11-11-03			3.5-4	0			
		1330	11115	7.5-8		CLS		Soil
				13-13.5				
		1405	00012	—		CLS		water
GB-13				3.5-4	0			
		1440	11116	7.5-8		CLS		soil
				11.5-12				
				15.5-16				
				17.5-18				
		1500	00013	—		CLS		water
GB-14				3.5-4	0			
				7.5-8				
		1520	11117	11.5-12		CLS		Soil
				15.5-16				
				17.5-18				
		1600	00014	—		CLS		water
GB-15	11-12-03			3.5-4	0			
				7.5-8				
				9.5-10				
				13.5-14	5.0			
		0950	30001	15.5-16	10.0	CLS		Soil
				17.5-18	0.5			
				19.5-20	0			
		0915	00015	—		CLS		water

SAMPLE DATA SHEET

KLEINFELDER

Project Name

Project No. 34352-003

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No.

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-16	11-2-03			3.5-4	0			
				6.5-7				
				8.5-9				
				10.5-11	12			
				12.5-13	75			
		1030	11118	14.5-15	1100	CLS		soil
				16.5-17	1400			
				18.5-19	450			
		1050	00016	—		CLS		water
GB-17				3.5-4	4.5			
				7.5-8	0			
				11.5-12	0.5			
				15.5-16	0			
		1240	00017	—		CLS		water
GB-18				3.5-4	2.0			
				7.5-8	0.5			
				9.5-10	0			
		1410	11120	14.5-15	.06	CLS		soil
		1425	00018	—		CLS		water
GB-19				3.5-0	0			
				7.5-8				
		1505	11121	13-13.5		CLS		soil
		1545	00019	—		CLS		water

2Forms:89-37

SAMPLE DATA SHEET

KLEINFELDER

Project Name

Project No. 34352-003

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No.

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-20	11-13-03			3.5-4	0			
				7.5-8	↓			
				11.5-12	2.1			
				13.5-14	50			
		0910	11122	15.5-16	70	CLS		soil
				17.5-18	0			
↓		0940	00020	—		CLS		water
GB-21				3.5-4	0			
				7.5-8				
		0920	11123	11.5-12	↓	CLS		soil
↓		0945	00021	—		CLS		water
GB-22				3.5-4	0			
				7.5-8				
				9.5-10	↓			
		1020	11124	12.5-13	6.5	CLS		soil
				17.5-18	0			
↓		1050	00022	—		CLS		water
GB-23				3.5-4	0			
				7.5-8				
				11.5-12	↓			
		1130	11125	13.5-14	20	CLS		soil
				15.5-16	300			
				—				
↓	↓	1200	00023			CLS		water

2Forms:89-37

SAMPLE DATA SHEET

KLEINFELDER

Project Name

Project No. 34352-003

P.O. No. / CHAIN-OF-CUSTODY #

Sampler Name, No.

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
GB-24	11-13-03			7.5-8	0			
"	"	1230	11126	11.5-12	"	CLS		soil
"	"	"	"	15.5-16	"	"		"
"	"	1300	00024	—		CLS		water

2Forms89-37

APPENDIX C
KLEINFELDER FIELD PROTOCOL

C-1 FIELD PREPARATION

Before performing work in the field, environmental staff review the scope of work, prepare a health and safety plan, coordinate the work to be done with their supervisor, assemble the necessary sample containers, and check, calibrate and clean equipment to be used in the field. Underground Service Alert (USA) also is contacted prior to work with the boring locations and the scheduled date of drilling, or an utility locating firm can be employed to check the boring locations if requested by the client.

C-2 DRILLING AND SUBSURFACE SOIL SAMPLING

C-2.1 Geoprobe Procedures

Geoprobe borings are driven and sampled by a subcontractor to Kleinfelder. An attempt is made to penetrate the subsurface at each location. If such penetration is not possible, coring will be performed at an additional cost agreed upon by the client prior to commencement. Samples are collected in accordance with the proposal.

C-2.2 Qualitative Field Screening

An organic vapor detector, such as a Photovac TIP, using a photo-ionization detector (PID) or a Foxboro flame-ionization detector (FID), is used to provide a qualitative screening of each soil sample collected from the borings. The organic vapor detector measures ionizable compounds in the air in parts per million by volume (ppmv). Field calibration is performed using a calibrated span gas. Ambient air is used to set the instrument to zero. The soil contained in the cone of the sampler is exposed and screened with the organic vapor detector. The vapor reading is noted as the field screening result.

For the protection of the field crew, the organic vapor detector also is used to measure the volatile concentrations in the breathing zone prior to and during the installation of the Geoprobe borings. Total ionizable hydrocarbon readings in excess of 1 ppmv may necessitate respiratory protection for the affected crew members. This requirement is included in the complete field health and safety plan developed for the project prior to the start of fieldwork.

C-2.3 Collection of Geoprobe Soil and Groundwater Samples

The Geoprobe borings are driven approximately to the depth(s) outlined in the proposal or to first encountered groundwater. Soil samples are obtained by driving a 3/4 to 2 inch galvanized pipe with an insert rod by air hammer to the desired sampling depth. Then, the insert rod is removed and the open pipe driven an additional 2 to 4 feet forcing soil into the pipe end. The pipe is removed from the hole and the end containing the soil sample is removed and sealed with Teflon and plastic caps.

Groundwater samples are collected from the Geoprobe hole using a decontaminated bailer or a peristaltic pump with new tubing, depending on field conditions.

C-2.4 Preparation of Samples

Each sample is individually labeled. The label includes Kleinfelder's name, job number, the date and time the sample was collected, the employee number of the individual who performed the sampling, and a unique five-digit sample identification number.

C-2.5 Sample Handling

After labeling, the sample is immediately stored in an iced cooler for transport to Kleinfelder's office sample control or to the analytical laboratory. A Kleinfelder chain-of-custody form accompanies the cooler. The chain-of-custody form includes Kleinfelder's name, address and telephone number, the employee number of the individual who performed the sampling, the sample numbers, the date and time the samples were collected, the number of containers each sample occupies, and the analyses for which the samples are being submitted, if any. The chain-of-custody form is signed by each person who handles the samples, including all Kleinfelder employees and the receiving employee of office sample control or the analytical laboratory when the samples are delivered.

C-2.6 Decontamination of Equipment

To reduce the potential for cross-contamination, Geoprobe pipe and associated equipment are cleaned with a non-phosphate wash and rinsed with distilled water prior to collecting each soil sample.

C-2.7 Soil Cutting Disposal

It is not anticipated that soil cuttings will be generated requiring disposal during the Geoprobe investigation.

C-2.8 Geoprobe Closure

Upon completion of Geoprobe sampling, the borings are closed by backfilling the borings with a neat cement grout, and/or bentonite.

KLEINFELDER

PROJ NO	PROJECT NAME
34352-003	—
LP NO (P.O. NO.)	SAMPLERS: (Signature/Number)
as above	Steve Dalton / 4178

DATE MM DD YY	SAMPLE I.D. TIME HH.MM.SS	SAMPLE I.D.	NO OF CONTAINERS	ANALYSIS: TPH Extractable (Diesel + motor oil); TPH Purgeable as gasoline; BTEX; 5 oxygenates	REMARKS
11-12-03	0850	30001	1	X	CLS Attn: Scott
↓	0915	00015	4	X	voas are HCL preserved

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	11-12-03 / 1050	Christine Ryan
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Remarks: Rush 24 hr. T.A.T.

Send Results To:
KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827
(916) 366-1701
Attn: Pam Wee

M-60 White - Sampler Canary - Return Copy To Shipper Pink - Lab Copy

CHAIN OF CUSTODY

No. 10101

11/14/03 15:42

Kleinfelder (Sacramento)	Project: 34352-003	
3077 Fite Circle	Project Number: 34352-003	CLS Work Order#: CMK0324
Sacramento, CA 95827	Project Manager: Pam Wee	COC #: 10101

DRAFT: Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30001 (CMK0324-01) Soil Sampled: 11/12/03 08:50 Received: 11/12/03 11:25									
Diesel	ND	1.0	mg/kg	1	CK31238	11/12/03	11/12/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00015 (CMK0324-02) Water Sampled: 11/12/03 09:15 Received: 11/12/03 11:25									
Diesel	ND	0.050	mg/L	1	CK31237	11/12/03	11/12/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30001 (CMK0324-01) Soil Sampled: 11/12/03 08:50 Received: 11/12/03 11:25									
Gasoline	ND	1000	µg/kg	1	CK31231	11/12/03	11/12/03	8015GRO/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*70-130*		"	"	"	"	
DRAFT: 00015 (CMK0324-02) Water Sampled: 11/12/03 09:15 Received: 11/12/03 11:25									
Gasoline	ND	50	µg/L	1	CK31236	11/12/03	11/12/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*65-135*		"	"	"	"	

11/14/03 15:42

Kleinfelder (Sacramento)	Project: 34352-003	
3077 Fite Circle	Project Number: 34352-003	**CLS Work Order#: CMK0324**
Sacramento, CA 95827	Project Manager: Pam Wee	COC #: 10101

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 30001 (CMK0324-01) Soil Sampled: 11/12/03 08:50 Received: 11/12/03 11:25									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31337	11/13/03	11/13/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*60-140*		"	"	"	"	
DRAFT: 00015 (CMK0324-02) Water Sampled: 11/12/03 09:15 Received: 11/12/03 11:25									
Di-isopropyl ether	ND	0.50	µg/L	1	CK31326	11/13/03	11/13/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*72-125*		"	"	"	"	

KLEINFELDER

PROJ NO	PROJECT NAME
34352-003	—
L P NO (P.O. NO.) as above	SAMPLERS: (Signature/Number) Steve Dalton / 4178

DATE MM DD YY	SAMPLE I.D TIME HH MM SS	SAMPLE I.D.	NO OF CONTAINERS	ANALYSIS: TPH-Extractable (Diesel, ×)	TPH-Purgeable (Gasoline)	BTEX	5 Oxygenates	REMARKS
11-11-03	0900	11111	1	X	X	X	X	CLS Attn: Scott; all VOAs are HCL preserved
	0930	00008	4	X	X	X	X	
	0950	11112	1	X	X	X	X	
	1030	00009	4	X	X	X	X	
	1100	11113	1	X	X	X	X	
	1130	00010	4	X	X	X	X	
	1220	11114	1	X	X	X	X	
	1300	00011	4	X	X	X	X	
	1330	11115	1	X	X	X	X	
	1405	00012	4	X	X	X	X	
	1440	11116	1	X	X	X	X	
	1500	00013	4	X	X	X	X	
	1520	11117	1	X	X	X	X	
↓	1600	00014	4	X	X	X	X	
11-12-03	1030	11118	1	X	X	X	X	
	1050	00016	4	X	X	X	X	
	1240	SD [illegible] 00017	4	X	X	X	X	
	1410	11120	1	X	X	X	X	
	1425	SD [illegible] 00018	4	X	X	X	X	
↓	1505	11121	1	X	X	X	X	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	11/14/03 1110	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Remarks

Standard 5-Day TAT

Send Results To

KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827
(916) 366-1701

Attn: Pam Wee

White - Sampler — Canary - Copy — Pink - Lab

CHAIN OF CUSTODY

KLEINFELDER

PROJ NO	PROJECT NAME
34352-003	
L.P. NO (P.O. NO.) as above	SAMPLERS: (Signature/Number) Steve Dalton / 4178

DATE MM/DD/YY	SAMPLE I.D. TIME HH:MM:SS	SAMPLE I.D.	NO OF CONTAINERS	ANALYSIS: TPH-Extractable (Diesel + Motor Oil)	TPH-Purgeable (Gasoline)	BTEX	5 Oxygenates
11-12-03	1545	00019	4	X	X	X	X
11-13-03	0810	11122	1	X	X	X	X
	0840	00020	4	X	X	X	X
	0920	11123	1	X	X	X	X
	0945	00021	4	X	X	X	X
	1020	11124	1	X	X	X	X
	1050	00022	4	X	X	X	X
	1130	11125	1	X	X	X	X
	1200	00023	4	X	X	X	X
	1230	11126	1	X	X	X	X
	1300	00024	4	X	X	X	X
↓	1100	SD DW-Sing	4	X	X	X	X

CLS
Attn: Scott

REMARKS: all VOAs are HCL preserved

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Steve Dalton	1140 11/	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Remarks: Standard 5-Day TAT

Send Results To:
KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827
(916) 366-1701

Attn: Pam Wee

White [illegible] Canary - [illegible] Copy [illegible] Copper [illegible] Lab [illegible]

CHAIN OF CUSTODY

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11111 (CMK0466-01) Soil Sampled: 11/11/03 09:00 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00008 (CMK0466-02) Water Sampled: 11/11/03 09:30 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11112 (CMK0466-03) Soil Sampled: 11/11/03 09:50 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00009 (CMK0466-04) Water Sampled: 11/11/03 10:30 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11113 (CMK0466-05) Soil Sampled: 11/11/03 11:00 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00010 (CMK0466-06) Water Sampled: 11/11/03 11:30 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11114 (CMK0466-07) Soil Sampled: 11/11/03 12:20 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00011 (CMK0466-08) Water Sampled: 11/11/03 13:00 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11115 (CMK0466-09) Soil Sampled: 11/11/03 13:30 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00012 (CMK0466-10) Water Sampled: 11/11/03 14:05 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11116 (CMK0466-11) Soil Sampled: 11/11/03 14:40 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	**3.5**	1.0	"	"	"	"	"	"	
DRAFT: 00013 (CMK0466-12) Water Sampled: 11/11/03 15:00 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11117 (CMK0466-13) Soil Sampled: 11/11/03 15:20 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00014 (CMK0466-14) Water Sampled: 11/11/03 16:00 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11118 (CMK0466-15) Soil Sampled: 11/12/03 10:30 Received: 11/14/03 11:10									

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11118 (CMK0466-15) Soil Sampled: 11/12/03 10:30 Received: 11/14/03 11:10									
Diesel	**110**	2.0	mg/kg	2	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	1	"	"	"	"	
DRAFT: 00016 (CMK0466-16) Water Sampled: 11/12/03 10:50 Received: 11/14/03 11:10									
Diesel	**310**	12	mg/L	50	CK31928	11/18/03	11/20/03	EPA 8015M	DSL-1
Motor Oil	ND	0.25	"	1	"	"	"	"	
DRAFT: 00017 (CMK0466-17) Water Sampled: 11/12/03 12:40 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11120 (CMK0466-18) Soil Sampled: 11/12/03 14:10 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00018 (CMK0466-19) Water Sampled: 11/12/03 14:25 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11121 (CMK0466-20) Soil Sampled: 11/12/03 15:05 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00019 (CMK0466-21) Water Sampled: 11/12/03 15:45 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11122 (CMK0466-22) Soil Sampled: 11/13/03 08:10 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00020 (CMK0466-23) Water Sampled: 11/13/03 08:40 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11123 (CMK0466-24) Soil Sampled: 11/13/03 09:20 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00021 (CMK0466-25) Water Sampled: 11/13/03 09:45 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11124 (CMK0466-26) Soil Sampled: 11/13/03 10:20 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00022 (CMK0466-27) Water Sampled: 11/13/03 10:50 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11125 (CMK0466-28) Soil Sampled: 11/13/03 11:30 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00023 (CMK0466-29) Water Sampled: 11/13/03 12:00 Received: 11/14/03 11:10									

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-003 Project Number: 34352-003 Project Manager: Pam Wee	**CLS Work Order#: CMK0466** COC #: 10102, 10103

DRAFT: Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00023 (CMK0466-29) Water Sampled: 11/13/03 12:00 Received: 11/14/03 11:10									
Diesel	**3.0**	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	DSL-1
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: 11126 (CMK0466-30) Soil Sampled: 11/13/03 12:30 Received: 11/14/03 11:10									
Diesel	ND	1.0	mg/kg	1	CK31919	11/19/03	11/19/03	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
DRAFT: 00024 (CMK0466-31) Water Sampled: 11/13/03 13:00 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	
DRAFT: DW-Sing (CMK0466-32) Water Sampled: 11/13/03 11:00 Received: 11/14/03 11:10									
Diesel	ND	0.050	mg/L	1	CK31928	11/18/03	11/20/03	EPA 8015M	
Motor Oil	ND	0.050	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-003 Project Number: 34352-003 Project Manager: Pam Wee	**CLS Work Order#: CMK0466** COC #: 10102, 10103

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11111 (CMK0466-01) Soil Sampled: 11/11/03 09:00 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31832	11/17/03	11/18/03	8015GRO/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*96.6 %*	*70-130*		"	"	"	"	
DRAFT: 00008 (CMK0466-02) Water Sampled: 11/11/03 09:30 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*100 %*	*65-135*		"	"	"	"	
DRAFT: 11112 (CMK0466-03) Soil Sampled: 11/11/03 09:50 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31832	11/17/03	11/18/03	8015GRO/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*101 %*	*70-130*		"	"	"	"	
DRAFT: 00009 (CMK0466-04) Water Sampled: 11/11/03 10:30 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*101 %*	*65-135*		"	"	"	"	
DRAFT: 11113 (CMK0466-05) Soil Sampled: 11/11/03 11:00 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31832	11/17/03	11/18/03	8015GRO/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*103 %*	*70-130*		"	"	"	"	
DRAFT: 00010 (CMK0466-06) Water Sampled: 11/11/03 11:30 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*104 %*	*65-135*		"	"	"	"	
DRAFT: 11114 (CMK0466-07) Soil Sampled: 11/11/03 12:20 Received: 11/14/03 11:10									

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-003 Project Number: 34352-003 Project Manager: Pam Wee	**CLS Work Order#: CMK0466** COC #: 10102, 10103

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11114 (CMK0466-07) Soil Sampled: 11/11/03 12:20 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31832	11/17/03	11/18/03	8015GRO/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*70-130*		"	"	"	"	
DRAFT: 00011 (CMK0466-08) Water Sampled: 11/11/03 13:00 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*103 %*	*65-135*		"	"	"	"	
DRAFT: 11115 (CMK0466-09) Soil Sampled: 11/11/03 13:30 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31832	11/17/03	11/18/03	8015GRO/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*99.8 %*	*70-130*		"	"	"	"	
DRAFT: 00012 (CMK0466-10) Water Sampled: 11/11/03 14:05 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*103 %*	*65-135*		"	"	"	"	
DRAFT: 11116 (CMK0466-11) Soil Sampled: 11/11/03 14:40 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31832	11/17/03	11/18/03	8015GRO/8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*97.0 %*	*70-130*		"	"	"	"	
DRAFT: 00013 (CMK0466-12) Water Sampled: 11/11/03 15:00 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*65-135*		"	"	"	"	
DRAFT: 11117 (CMK0466-13) Soil Sampled: 11/11/03 15:20 Received: 11/14/03 11:10									

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-003 Project Number: 34352-003 Project Manager: Pam Wee	**CLS Work Order#: CMK0466** COC #: 10102, 10103

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11117 (CMK0466-13) Soil Sampled: 11/11/03 15:20 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31832	11/17/03	11/18/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*98.6 %*	*70-130*		"	"	"	"	
DRAFT: 00014 (CMK0466-14) Water Sampled: 11/11/03 16:00 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*65-135*		"	"	"	"	
DRAFT: 11118 (CMK0466-15) Soil Sampled: 11/12/03 10:30 Received: 11/14/03 11:10									
Gasoline	**50000**	10000	µg/kg	10	CK31832	11/17/03	11/19/03	8015GRO/8021 B	GAS-1
Benzene	ND	50	"	"	"	"	"	"	
Toluene	**370**	50	"	"	"	"	"	"	
Ethylbenzene	**380**	50	"	"	"	"	"	"	
Xylenes (total)	**1800**	100	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*87.3 %*	*70-130*		"	"	"	"	
DRAFT: 00016 (CMK0466-16) Water Sampled: 11/12/03 10:50 Received: 11/14/03 11:10									
Gasoline	**98000**	5000	µg/L	100	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	**32000**	500	"	1000	"	"	"	"	
Toluene	**16000**	250	"	500	"	"	"	"	
Ethylbenzene	**1400**	50	"	100	"	"	"	"	
Xylenes (total)	**11000**	100	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*87.5 %*	*65-135*		"	"	"	"	
DRAFT: 00017 (CMK0466-17) Water Sampled: 11/12/03 12:40 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*65-135*		"	"	"	"	
DRAFT: 11120 (CMK0466-18) Soil Sampled: 11/12/03 14:10 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31832	11/17/03	11/18/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*106 %*	*70-130*		"	"	"	"	
DRAFT: 00018 (CMK0466-19) Water Sampled: 11/12/03 14:25 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00018 (CMK0466-19) Water Sampled: 11/12/03 14:25 Received: 11/14/03 11:10									
Benzene	ND	0.50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*104 %*	*65-135*		"	"	"	"	
DRAFT: 11121 (CMK0466-20) Soil Sampled: 11/12/03 15:05 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31832	11/17/03	11/18/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*99.6 %*	*70-130*		"	"	"	"	
DRAFT: 00019 (CMK0466-21) Water Sampled: 11/12/03 15:45 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*97.0 %*	*65-135*		"	"	"	"	
DRAFT: 11122 (CMK0466-22) Soil Sampled: 11/13/03 08:10 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31909	11/14/03	11/18/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*106 %*	*70-130*		"	"	"	"	
DRAFT: 00020 (CMK0466-23) Water Sampled: 11/13/03 08:40 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32009	11/19/03	11/19/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*104 %*	*65-135*		"	"	"	"	
DRAFT: 11123 (CMK0466-24) Soil Sampled: 11/13/03 09:20 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31909	11/14/03	11/18/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*107 %*	*70-130*		"	"	"	"	
DRAFT: 00021 (CMK0466-25) Water Sampled: 11/13/03 09:45 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32101	11/20/03	11/20/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00021 (CMK0466-25) Water Sampled: 11/13/03 09:45 Received: 11/14/03 11:10									
Toluene	ND	0.50	µg/L	1	CK32101	11/20/03	11/20/03	8015GRO/8021	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*100 %*	*65-135*		"	"	"	"	
DRAFT: 11124 (CMK0466-26) Soil Sampled: 11/13/03 10:20 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31909	11/14/03	11/18/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*107 %*	*70-130*		"	"	"	"	
DRAFT: 00022 (CMK0466-27) Water Sampled: 11/13/03 10:50 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32101	11/20/03	11/20/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	**0.71**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*102 %*	*65-135*		"	"	"	"	
DRAFT: 11125 (CMK0466-28) Soil Sampled: 11/13/03 11:30 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31909	11/14/03	11/18/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*94.7 %*	*70-130*		"	"	"	"	
DRAFT: 00023 (CMK0466-29) Water Sampled: 11/13/03 12:00 Received: 11/14/03 11:10									
Gasoline	**10000**	1000	µg/L	20	CK32101	11/20/03	11/20/03	8015GRO/8021	GAS-1
Benzene	**140**	2.5	"	5	"	"	"	"	
Toluene	**110**	2.5	"	"	"	"	"	"	
Ethylbenzene	**500**	10	"	20	"	"	"	"	
Xylenes (total)	**290**	5.0	"	5	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*86.5 %*	*65-135*		"	"	"	"	
DRAFT: 11126 (CMK0466-30) Soil Sampled: 11/13/03 12:30 Received: 11/14/03 11:10									
Gasoline	ND	1000	µg/kg	1	CK31909	11/14/03	11/18/03	8015GRO/8021 B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*106 %*	*70-130*		"	"	"	"	
DRAFT: 00024 (CMK0466-31) Water Sampled: 11/13/03 13:00 Received: 11/14/03 11:10									
Gasoline	ND	50	µg/L	1	CK32101	11/20/03	11/20/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-003 Project Number: 34352-003 Project Manager: Pam Wee	**CLS Work Order#: CMK0466** COC #: 10102, 10103

DRAFT: Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00024 (CMK0466-31) Water	**Sampled: 11/13/03 13:00**		**Received: 11/14/03 11:10**						
Ethylbenzene	ND	0.50	µg/L	1	CK32101	11/20/03	11/20/03	8015GRO/8021	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*99.0 %*	*65-135*		"	"	"	"	
DRAFT: DW-Sing (CMK0466-32) Water	**Sampled: 11/13/03 11:00**		**Received: 11/14/03 11:10**						
Gasoline	ND	50	µg/L	1	CK32101	11/20/03	11/20/03	8015GRO/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Chlorotoluene (Gas)		*96.0 %*	*65-135*		"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11111 (CMK0466-01) Soil Sampled: 11/11/03 09:00 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*92.0 %*	*60-140*		"	"	"	"	
DRAFT: 00008 (CMK0466-02) Water Sampled: 11/11/03 09:30 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK31908	11/19/03	11/19/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.6 %*	*72-125*		"	"	"	"	
DRAFT: 11112 (CMK0466-03) Soil Sampled: 11/11/03 09:50 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*91.8 %*	*60-140*		"	"	"	"	
DRAFT: 00009 (CMK0466-04) Water Sampled: 11/11/03 10:30 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK32005	11/20/03	11/20/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*72-125*		"	"	"	"	
DRAFT: 11113 (CMK0466-05) Soil Sampled: 11/11/03 11:00 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*92.4 %*	*60-140*		"	"	"	"	
DRAFT: 00010 (CMK0466-06) Water Sampled: 11/11/03 11:30 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK31908	11/19/03	11/19/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*72-125*		"	"	"	"	
DRAFT: 11114 (CMK0466-07) Soil Sampled: 11/11/03 12:20 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11114 (CMK0466-07) Soil Sampled: 11/11/03 12:20 Received: 11/14/03 11:10									
Tert-amyl methyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*91.8 %*	*60-140*		"	"	"	"	
DRAFT: 00011 (CMK0466-08) Water Sampled: 11/11/03 13:00 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK31908	11/19/03	11/19/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.5 %*	*72-125*		"	"	"	"	
DRAFT: 11115 (CMK0466-09) Soil Sampled: 11/11/03 13:30 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*60-140*		"	"	"	"	
DRAFT: 00012 (CMK0466-10) Water Sampled: 11/11/03 14:05 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK31908	11/19/03	11/19/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.4 %*	*72-125*		"	"	"	"	
DRAFT: 11116 (CMK0466-11) Soil Sampled: 11/11/03 14:40 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*86.6 %*	*60-140*		"	"	"	"	
DRAFT: 00013 (CMK0466-12) Water Sampled: 11/11/03 15:00 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK31908	11/19/03	11/19/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*	*72-125*		"	"	"	"	
DRAFT: 11117 (CMK0466-13) Soil Sampled: 11/11/03 15:20 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.8 %*	*60-140*		"	"	"	"	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00014 (CMK0466-14) Water Sampled: 11/11/03 16:00 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK31908	11/19/03	11/19/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*94.1 %*	*72-125*		"	"	"	"	
DRAFT: 11118 (CMK0466-15) Soil Sampled: 11/12/03 10:30 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*88.4 %*	*60-140*		"	"	"	"	
DRAFT: 00016 (CMK0466-16) Water Sampled: 11/12/03 10:50 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	50	µg/L	100	CK32005	11/20/03	11/20/03	EPA 8260B	R-05
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*93.9 %*	*72-125*		"	"	"	"	
DRAFT: 00017 (CMK0466-17) Water Sampled: 11/12/03 12:40 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK31908	11/19/03	11/19/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*	*72-125*		"	"	"	"	
DRAFT: 11120 (CMK0466-18) Soil Sampled: 11/12/03 14:10 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*60-140*		"	"	"	"	
DRAFT: 00018 (CMK0466-19) Water Sampled: 11/12/03 14:25 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK31908	11/19/03	11/19/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.5 %*	*72-125*		"	"	"	"	
DRAFT: 11121 (CMK0466-20) Soil Sampled: 11/12/03 15:05 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-003 Project Number: 34352-003 Project Manager: Pam Wee	**CLS Work Order#: CMK0466** COC #: 10102, 10103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 11121 (CMK0466-20) Soil Sampled: 11/12/03 15:05 Received: 11/14/03 11:10									
Tert-amyl methyl ether	ND	5.0	µg/kg	1	CK31819	11/17/03	11/17/03	EPA 8260B	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.8 %*	*60-140*		"	"	"	"	
DRAFT: 00019 (CMK0466-21) Water Sampled: 11/12/03 15:45 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK32005	11/20/03	11/20/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*72-125*		"	"	"	"	
DRAFT: 11122 (CMK0466-22) Soil Sampled: 11/13/03 08:10 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31920	11/18/03	11/18/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*60-140*		"	"	"	"	
DRAFT: 00020 (CMK0466-23) Water Sampled: 11/13/03 08:40 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK32005	11/20/03	11/20/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.4 %*	*72-125*		"	"	"	"	
DRAFT: 11123 (CMK0466-24) Soil Sampled: 11/13/03 09:20 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31920	11/18/03	11/18/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*60-140*		"	"	"	"	
DRAFT: 00021 (CMK0466-25) Water Sampled: 11/13/03 09:45 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK32005	11/20/03	11/20/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.1 %*	*72-125*		"	"	"	"	
DRAFT: 11124 (CMK0466-26) Soil Sampled: 11/13/03 10:20 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31920	11/18/03	11/18/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.4 %*	*60-140*		"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-003 Project Number: 34352-003 Project Manager: Pam Wee	**CLS Work Order#: CMK0466** COC #: 10102, 10103

DRAFT: Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DRAFT: 00022 (CMK0466-27) Water Sampled: 11/13/03 10:50 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK32005	11/20/03	11/20/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*	*72-125*		"	"	"	"	
DRAFT: 11125 (CMK0466-28) Soil Sampled: 11/13/03 11:30 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31920	11/18/03	11/18/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.8 %*	*60-140*		"	"	"	"	
DRAFT: 00023 (CMK0466-29) Water Sampled: 11/13/03 12:00 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK32005	11/20/03	11/20/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*72-125*		"	"	"	"	
DRAFT: 11126 (CMK0466-30) Soil Sampled: 11/13/03 12:30 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	5.0	µg/kg	1	CK31920	11/18/03	11/18/03	EPA 8260B	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*92.0 %*	*60-140*		"	"	"	"	
DRAFT: 00024 (CMK0466-31) Water Sampled: 11/13/03 13:00 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK32005	11/20/03	11/20/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*72-125*		"	"	"	"	
DRAFT: DW-Sing (CMK0466-32) Water Sampled: 11/13/03 11:00 Received: 11/14/03 11:10									
Di-isopropyl ether	ND	0.50	µg/L	1	CK32005	11/20/03	11/20/03	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*72-125*		"	"	"	"	

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-003 Project Number: 34352-003 Project Manager: Pam Wee	**CLS Work Order#: CMK0466** COC #: 10102, 10103

DRAFT: Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CK31919 - LUFT-DHS GCNV										
Blank (CK31919-BLK1)				Prepared & Analyzed: 11/19/03						
Diesel	ND		1.0mg/kg							
Motor Oil	ND		1.0 "							
LCS (CK31919-BS1)				Prepared & Analyzed: 11/19/03						
Diesel	23.7		1.0mg/kg	25.0		94.8	65-135			
LCS Dup (CK31919-BSD1)				Prepared & Analyzed: 11/19/03						
Diesel	24.2		1.0mg/kg	25.0		96.8	65-135	2.09	30	
Matrix Spike (CK31919-MS1)		Source: CMK0378-02		Prepared & Analyzed: 11/19/03						
Diesel	3020		1.0mg/kg	25.0	3500	NR	59-138			QM-4X
Matrix Spike Dup (CK31919-MSD1)		Source: CMK0378-02		Prepared & Analyzed: 11/19/03						
Diesel	3070		1.0mg/kg	25.0	3500	NR	59-138	1.64	37	QM-4X
Batch CK31928 - EPA 3520B										
Blank (CK31928-BLK1)				Prepared: 11/18/03 Analyzed: 11/20/03						
Diesel	ND		0.050 mg/L							
Motor Oil	ND		0.050 "							
LCS (CK31928-BS1)				Prepared: 11/18/03 Analyzed: 11/20/03						
Diesel	2.22		0.050 mg/L	2.50		88.8	65-135			
LCS Dup (CK31928-BSD1)				Prepared: 11/18/03 Analyzed: 11/20/03						
Diesel	2.25		0.050 mg/L	2.50		90.0	65-135	1.34	30	

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CK31832 - EPA 5030 Soil GC										
Blank (CK31832-BLK1)				Prepared: 11/17/03 Analyzed: 11/18/03						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (Gas)	*103*		"	*100*		*103*	*70-130*			
LCS (CK31832-BS1)				Prepared: 11/17/03 Analyzed: 11/18/03						
Gasoline	2100	1000	µg/kg	2500		84.0	65-135			
Surrogate: o-Chlorotoluene (Gas)	*94.2*		"	*100*		*94.2*	*70-130*			
LCS Dup (CK31832-BSD1)				Prepared: 11/17/03 Analyzed: 11/18/03						
Gasoline	2220	1000	µg/kg	2500		88.8	65-135	5.56	30	
Surrogate: o-Chlorotoluene (Gas)	*93.8*		"	*100*		*93.8*	*70-130*			
Matrix Spike (CK31832-MS1)		Source: CMK0561-08		Prepared: 11/17/03 Analyzed: 11/18/03						
Gasoline	2280	1000	µg/kg	2500	ND	91.2	63-124			
Surrogate: o-Chlorotoluene (Gas)	*91.2*		"	*100*		*91.2*	*70-130*			
Matrix Spike Dup (CK31832-MSD1)		Source: CMK0561-08		Prepared: 11/17/03 Analyzed: 11/18/03						
Gasoline	2310	1000	µg/kg	2500	ND	92.4	63-124	1.31	35	
Surrogate: o-Chlorotoluene (Gas)	*93.6*		"	*100*		*93.6*	*70-130*			
Batch CK31909 - EPA 5030 Soil GC										
Blank (CK31909-BLK1)				Prepared: 11/14/03 Analyzed: 11/18/03						
Gasoline	ND	1000	µg/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	10	"							
Surrogate: o-Chlorotoluene (Gas)	*106*		"	*100*		*106*	*70-130*			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CK31909 - EPA 5030 Soil GC										
LCS (CK31909-BS1)				Prepared: 11/14/03 Analyzed: 11/18/03						
Benzene	101	5.0	µg/kg	100		101	69-120			
Toluene	100	5.0	"	100		100	74-120			
Ethylbenzene	97.4	5.0	"	100		97.4	76-121			
Xylenes (total)	297	10	"	300		99.0	81-121			
Surrogate: o-Chlorotoluene (BTEX)	*113*		"	*100*		*113*	*70-130*			
LCS Dup (CK31909-BSD1)				Prepared: 11/14/03 Analyzed: 11/18/03						
Benzene	98.2	5.0	µg/kg	100		98.2	69-120	2.81	30	
Toluene	99.9	5.0	"	100		99.9	74-120	0.100	30	
Ethylbenzene	96.5	5.0	"	100		96.5	76-121	0.928	30	
Xylenes (total)	293	10	"	300		97.7	81-121	1.36	30	
Surrogate: o-Chlorotoluene (BTEX)	*106*		"	*100*		*106*	*70-130*			
Matrix Spike (CK31909-MS1)		Source: CMK0466-30		Prepared: 11/14/03 Analyzed: 11/18/03						
Benzene	98.1	5.0	µg/kg	100	ND	98.1	51-123			
Toluene	96.7	5.0	"	100	ND	96.7	61-123			
Ethylbenzene	91.7	5.0	"	100	ND	91.7	65-124			
Xylenes (total)	283	10	"	300	ND	94.3	66-125			
Surrogate: o-Chlorotoluene (BTEX)	*104*		"	*100*		*104*	*70-130*			
Matrix Spike Dup (CK31909-MSD1)		Source: CMK0466-30		Prepared: 11/14/03 Analyzed: 11/18/03						
Benzene	98.4	5.0	µg/kg	100	ND	98.4	51-123	0.305	30	
Toluene	97.4	5.0	"	100	ND	97.4	61-123	0.721	30	
Ethylbenzene	93.2	5.0	"	100	ND	93.2	65-124	1.62	30	
Xylenes (total)	286	10	"	300	ND	95.3	66-125	1.05	30	
Surrogate: o-Chlorotoluene (BTEX)	*105*		"	*100*		*105*	*70-130*			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CK32009 - EPA 5030 Water GC										
Blank (CK32009-BLK1)				Prepared & Analyzed: 11/19/03						
Gasoline	ND	50	µg/L							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate: o-Chlorotoluene (Gas)	*21.4*		"	*20.0*		*107*	*65-135*			
LCS (CK32009-BS1)				Prepared & Analyzed: 11/19/03						
Gasoline	469	50	µg/L	500		93.8	65-135			
Surrogate: o-Chlorotoluene (Gas)	*20.0*		"	*20.0*		*100*	*65-135*			
LCS Dup (CK32009-BSD1)				Prepared & Analyzed: 11/19/03						
Gasoline	467	50	µg/L	500		93.4	65-135	0.427	30	
Surrogate: o-Chlorotoluene (Gas)	*20.3*		"	*20.0*		*102*	*65-135*			
Matrix Spike (CK32009-MS1)		**Source: CMK0552-01**		Prepared & Analyzed: 11/19/03						
Gasoline	444	50	µg/L	500	ND	88.8	65-135			
Surrogate: o-Chlorotoluene (Gas)	*18.5*		"	*20.0*		*92.5*	*65-135*			
Matrix Spike Dup (CK32009-MSD1)		**Source: CMK0552-01**		Prepared & Analyzed: 11/19/03						
Gasoline	449	50	µg/L	500	ND	89.8	65-135	1.12	30	
Surrogate: o-Chlorotoluene (Gas)	*18.4*		"	*20.0*		*92.0*	*65-135*			
Batch CK32101 - EPA 5030 Water GC										
Blank (CK32101-BLK1)				Prepared & Analyzed: 11/20/03						
Gasoline	ND	50	µg/L							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate: o-Chlorotoluene (Gas)	*20.6*		"	*20.0*		*103*	*65-135*			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CK32101 - EPA 5030 Water GC										
LCS (CK32101-BS1)				Prepared & Analyzed: 11/20/03						
Benzene	19.8	0.50	µg/L	20.0		99.0	70-140			
Toluene	19.3	0.50	"	20.0		96.5	70-140			
Ethylbenzene	18.8	0.50	"	20.0		94.0	70-140			
Xylenes (total)	57.0	1.0	"	60.0		95.0	70-140			
Surrogate: o-Chlorotoluene (BTEX)	*20.8*		"	*20.0*		*104*	*65-135*			
Surrogate: o-Chlorotoluene (Gas)	*21.4*		"	*20.0*		*107*	*65-135*			
LCS Dup (CK32101-BSD1)				Prepared & Analyzed: 11/20/03						
Benzene	19.7	0.50	µg/L	20.0		98.5	70-140	0.506	30	
Toluene	19.4	0.50	"	20.0		97.0	70-140	0.517	30	
Ethylbenzene	19.1	0.50	"	20.0		95.5	70-140	1.58	30	
Xylenes (total)	57.6	1.0	"	60.0		96.0	70-140	1.05	30	
Surrogate: o-Chlorotoluene (BTEX)	*20.7*		"	*20.0*		*104*	*65-135*			
Surrogate: o-Chlorotoluene (Gas)	*21.6*		"	*20.0*		*108*	*65-135*			
Matrix Spike (CK32101-MS1)		**Source: CMK0466-25**		Prepared & Analyzed: 11/20/03						
Benzene	22.2	0.50	µg/L	20.0	ND	111	60-140			
Toluene	21.7	0.50	"	20.0	ND	108	60-140			
Ethylbenzene	21.4	0.50	"	20.0	ND	107	60-140			
Xylenes (total)	64.9	1.0	"	60.0	ND	108	60-140			
Surrogate: o-Chlorotoluene (BTEX)	*20.5*		"	*20.0*		*102*	*65-135*			
Surrogate: o-Chlorotoluene (Gas)	*18.6*		"	*20.0*		*93.0*	*65-135*			
Matrix Spike Dup (CK32101-MSD1)		**Source: CMK0466-25**		Prepared & Analyzed: 11/20/03						
Benzene	22.2	0.50	µg/L	20.0	ND	111	60-140	0.00	30	
Toluene	21.7	0.50	"	20.0	ND	108	60-140	0.00	30	
Ethylbenzene	21.5	0.50	"	20.0	ND	108	60-140	0.466	30	
Xylenes (total)	64.4	1.0	"	60.0	ND	107	60-140	0.773	30	
Surrogate: o-Chlorotoluene (BTEX)	*20.6*		"	*20.0*		*103*	*65-135*			
Surrogate: o-Chlorotoluene (Gas)	*18.6*		"	*20.0*		*93.0*	*65-135*			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CK31819 - EPA 5030 Soil MS										
Blank (CK31819-BLK1)				Prepared & Analyzed: 11/17/03						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Surrogate: Toluene-d8	*49.9*		"	*50.0*		*99.8*	*60-140*			
LCS (CK31819-BS1)				Prepared & Analyzed: 11/17/03						
Methyl tert-butyl ether	45.8	5.0	µg/kg	50.0		91.6	60-140			
Surrogate: Toluene-d8	*43.5*		"	*50.0*		*87.0*	*60-140*			
LCS Dup (CK31819-BSD1)				Prepared & Analyzed: 11/17/03						
Methyl tert-butyl ether	46.7	5.0	µg/kg	50.0		93.4	60-140	1.95	30	
Surrogate: Toluene-d8	*46.9*		"	*50.0*		*93.8*	*60-140*			
Matrix Spike (CK31819-MS1)	**Source: CMK0466-01**			Prepared & Analyzed: 11/17/03						
Methyl tert-butyl ether	43.2	5.0	µg/kg	50.0	ND	86.4	60-140			
Surrogate: Toluene-d8	*46.3*		"	*50.0*		*92.6*	*60-140*			
Matrix Spike Dup (CK31819-MSD1)	**Source: CMK0466-01**			Prepared & Analyzed: 11/17/03						
Methyl tert-butyl ether	45.6	5.0	µg/kg	50.0	ND	91.2	60-140	5.41	30	
Surrogate: Toluene-d8	*47.3*		"	*50.0*		*94.6*	*60-140*			
Batch CK31908 - EPA 5030 Water MS										
Blank (CK31908-BLK1)				Prepared & Analyzed: 11/19/03						
Di-isopropyl ether	ND	0.50	µg/L							
Ethyl tert-butyl ether	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Tert-amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	5.0	"							
Surrogate: Toluene-d8	*9.45*		"	*10.0*		*94.5*	*72-125*			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
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Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

DRAFT: Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CK31908 - EPA 5030 Water MS										
LCS (CK31908-BS1)				Prepared & Analyzed: 11/19/03						
Methyl tert-butyl ether	22.1	0.50	µg/L	20.0		110	52-130			
Surrogate: Toluene-d8	*9.53*		"	*10.0*		*95.3*	*72-125*			
LCS Dup (CK31908-BSD1)				Prepared & Analyzed: 11/19/03						
Methyl tert-butyl ether	17.9	0.50	µg/L	20.0		89.5	52-130	21.0	30	
Surrogate: Toluene-d8	*8.55*		"	*10.0*		*85.5*	*72-125*			
Batch CK31920 - EPA 5030 Soil MS										
Blank (CK31920-BLK1)				Prepared & Analyzed: 11/18/03						
Di-isopropyl ether	ND	5.0	µg/kg							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	50	"							
Surrogate: Toluene-d8	*48.1*		"	*50.0*		*96.2*	*60-140*			
LCS (CK31920-BS1)				Prepared & Analyzed: 11/18/03						
Methyl tert-butyl ether	50.5	5.0	µg/kg	50.0		101	60-140			
Surrogate: Toluene-d8	*52.2*		"	*50.0*		*104*	*60-140*			
LCS Dup (CK31920-BSD1)				Prepared & Analyzed: 11/18/03						
Methyl tert-butyl ether	48.5	5.0	µg/kg	50.0		97.0	60-140	4.04	30	
Surrogate: Toluene-d8	*47.1*		"	*50.0*		*94.2*	*60-140*			
Matrix Spike (CK31920-MS1)	**Source: CMK0466-22**			Prepared & Analyzed: 11/18/03						
Methyl tert-butyl ether	41.6	5.0	µg/kg	50.0	ND	83.2	60-140			
Surrogate: Toluene-d8	*49.3*		"	*50.0*		*98.6*	*60-140*			

Kleinfelder (Sacramento)
3077 Fite Circle
Sacramento, CA 95827

Project: 34352-003
Project Number: 34352-003
Project Manager: Pam Wee

CLS Work Order#: CMK0466
COC #: 10102, 10103

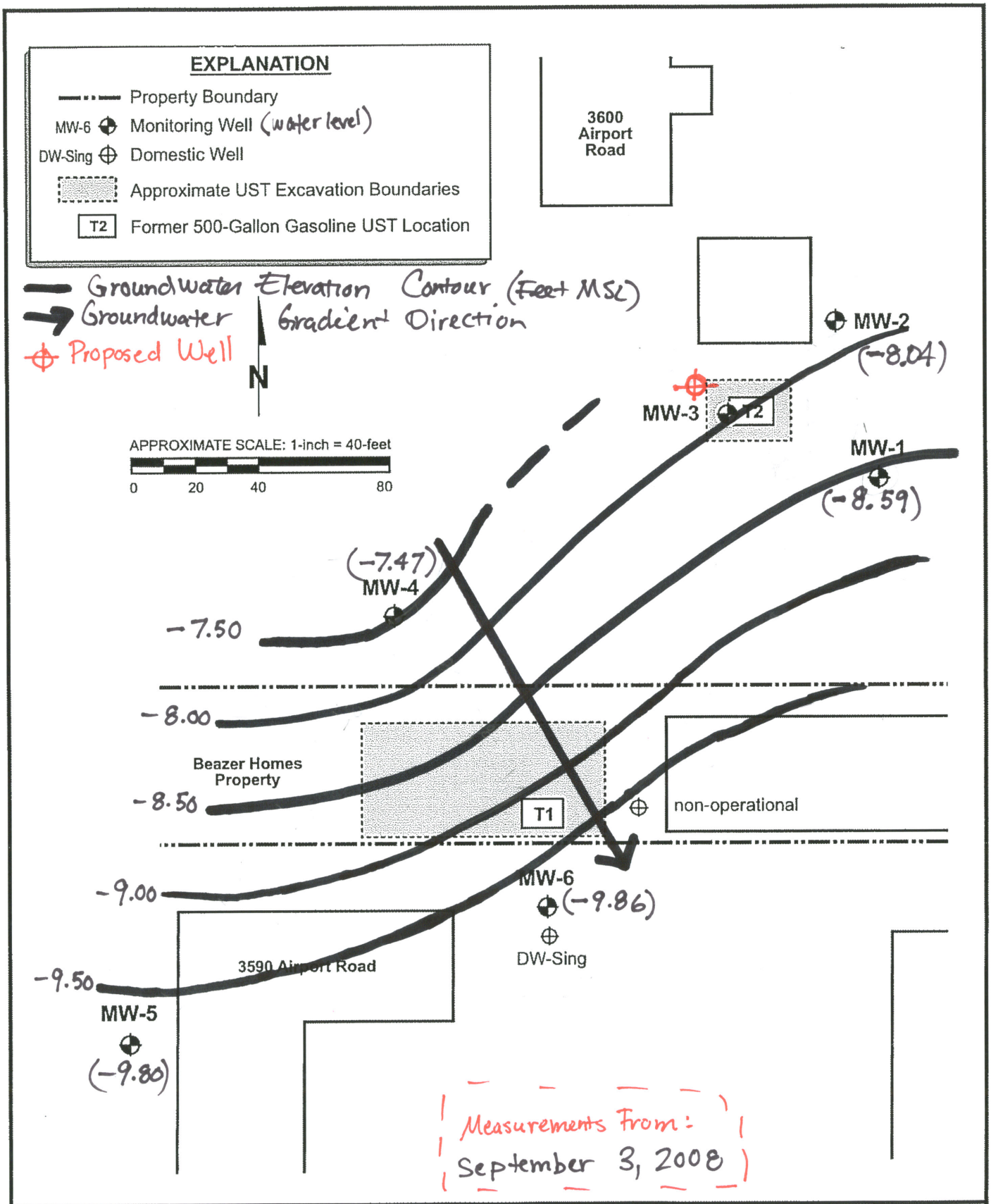
DRAFT: Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CK31920 - EPA 5030 Soil MS										
Matrix Spike Dup (CK31920-MSD1)	**Source: CMK0466-22**			Prepared & Analyzed: 11/18/03						
Methyl tert-butyl ether	45.0	5.0	µg/kg	50.0	ND	90.0	60-140	7.85	30	
Surrogate: Toluene-d8	*49.4*		"	*50.0*		*98.8*	*60-140*			
Batch CK32005 - EPA 5030 Water MS										
Blank (CK32005-BLK1)				Prepared & Analyzed: 11/20/03						
Di-isopropyl ether	ND	0.50	µg/L							
Ethyl tert-butyl ether	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Tert-amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	5.0	"							
Surrogate: Toluene-d8	*9.69*		"	*10.0*		*96.9*	*72-125*			
LCS (CK32005-BS1)				Prepared & Analyzed: 11/20/03						
Methyl tert-butyl ether	21.8	0.50	µg/L	20.0		109	52-130			
Surrogate: Toluene-d8	*11.2*		"	*10.0*		*112*	*72-125*			
LCS Dup (CK32005-BSD1)				Prepared & Analyzed: 11/20/03						
Methyl tert-butyl ether	22.5	0.50	µg/L	20.0		112	52-130	3.16	30	
Surrogate: Toluene-d8	*9.72*		"	*10.0*		*97.2*	*72-125*			

Kleinfelder (Sacramento) 3077 Fite Circle Sacramento, CA 95827	Project: 34352-003 Project Number: 34352-003 Project Manager: Pam Wee	**CLS Work Order#: CMK0466** COC #: 10102, 10103

Notes and Definitions

DSL-1	Although sample contains compounds in the retention time range associated with diesel, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on diesel.
GAS-1	Although sample contains compounds in the retention time range associated with gasoline, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on gasoline.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference



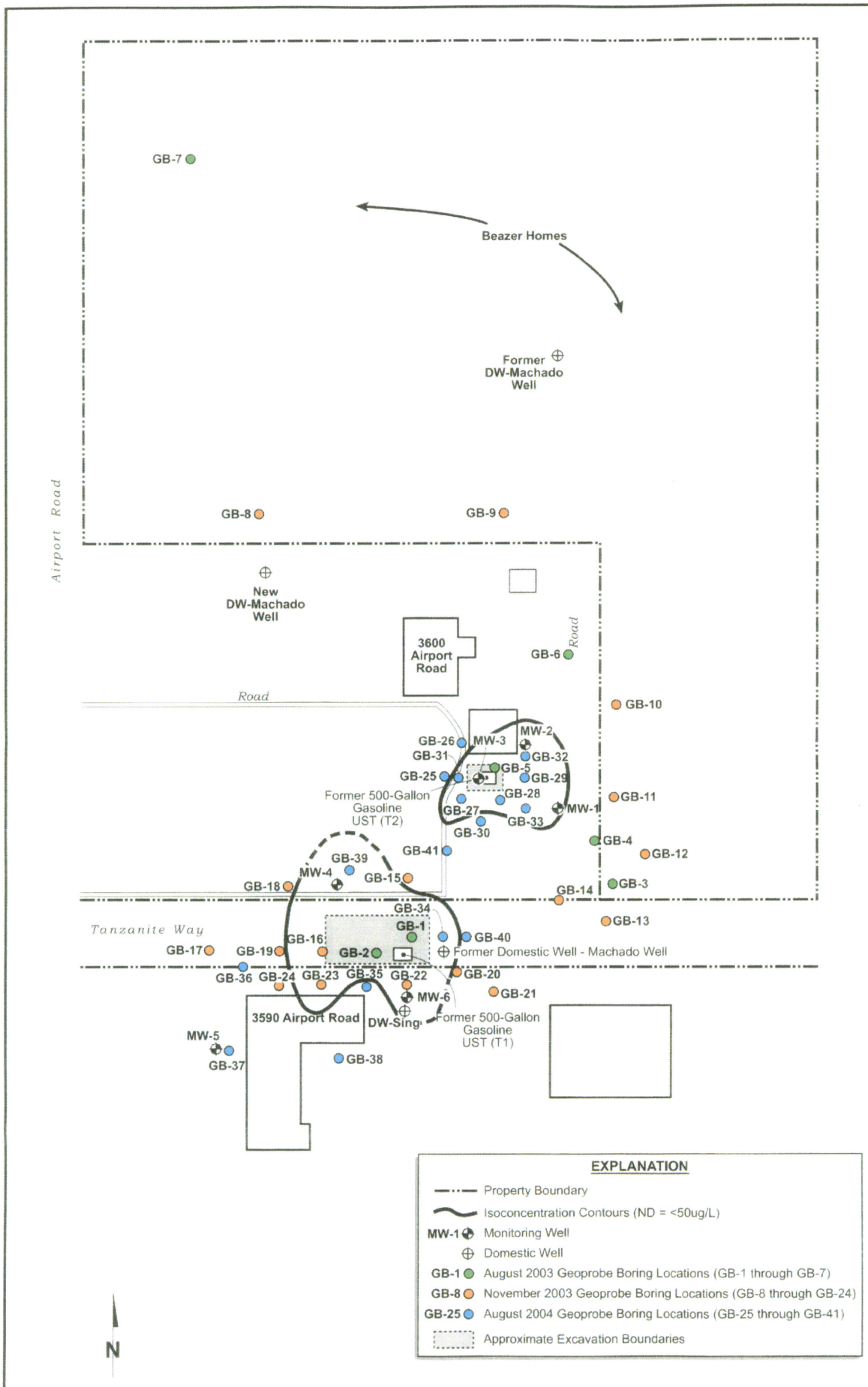
KLEINFELDER

Drawn By: D. Anderson	Date: 3-16-2005
Project No. 47359-002	Filename: 2856n2.fh10

MONITORING WELL LOCATION MAP

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 3



APPROXIMATE SCALE: 1-inch = 70-feet

0 70 140

KLEINFELDER

Drawn By: D. Shelhart
Project No. 47359-002
Date: 5/9/2007
Filename: 47359p2.fh10

ESTIMATED EXTENT OF TPH GASOLINE IN GROUNDWATER

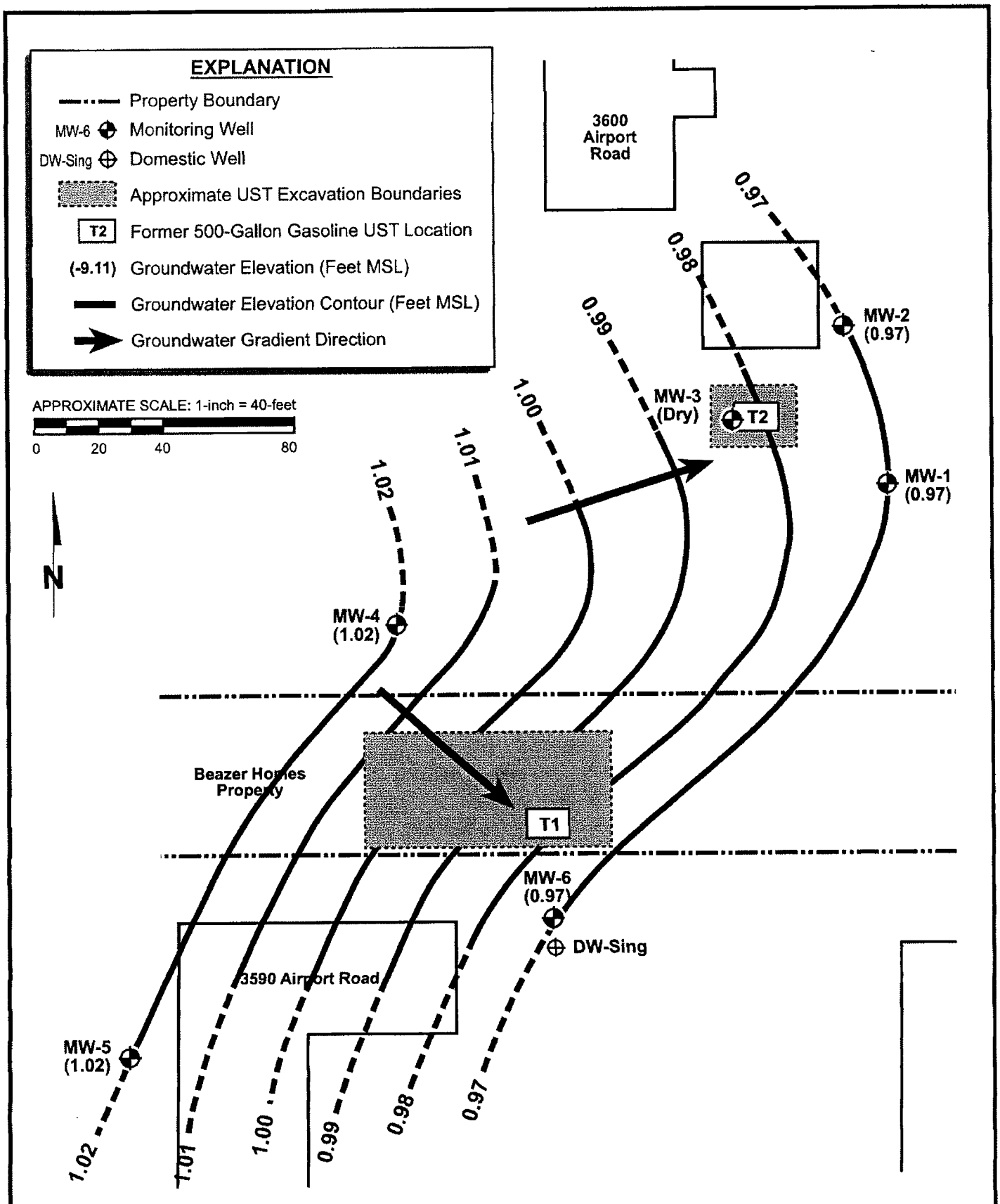
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
E-1

Table 3
Summary of Analytical Results (Groundwater)
3590 and 3600 Airport Road
Sacramento, CA
47359

Well	Sample Date		TPH Extractable	TPH Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	5 Oxygenates	1,2-DCA	Total Lead
		Reporting Limit	0.050 mg/L	50 ug/L	0.50 ug/L	0.50 ug/L	0.50 ug/L	1.0 ug/L	0.50 to 5.0 ug/L	0.50 ug/L	5.0 ug/L
Monitoring Wells											
MW-1	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/9/2006		ND	ND	ND	ND	ND	ND	**0.54 (MTBE)**	ND	ND
	9/14/2006		ND	ND	ND	ND	ND	ND	**0.75 (MTBE)**	ND	ND
	3/19/2007		ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/9/2006		ND	**82**	ND	ND	ND	**1.1**	ND	ND	ND
	9/14/2006		ND	**79**	**0.55**	ND	ND	ND	ND	ND	ND
	3/19/2007		ND	**68**	ND	ND	ND	ND	ND	ND	ND
MW-3	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2006		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/9/2006		NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/14/2006		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/19/2007		NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2006		ND	**2600**	ND	ND	ND	ND	ND	ND	**5.7**
	6/9/2006		ND	**270**	ND	ND	ND	**1.1**	ND	ND	ND
	9/14/2006		ND	**160**	**0.9**	ND	ND	ND	ND	ND	ND
	3/19/2007		ND	**80**	ND	ND	ND	ND	ND	ND	ND
MW-5	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/8/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/9/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/14/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/19/2007		ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-6	3/17/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/2005		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2005		ND	**210**	**0.73**	ND	ND	ND	ND	**2.9**	ND
	3/23/2006		ND	**1200**	**31**	**4.3**	ND	**1.5**	ND	**5.6**	ND
	6/9/2006		**0.063 (kerosene)**	**810**	**33**	**1.5**	**0.57**	**3.1**	ND	**2.7**	ND
	9/14/2006		ND	**210**	**32**	**0.5**	ND	ND	ND	**2.2**	ND
	3/19/2007		ND	ND	ND	ND	ND	ND	ND	**5.4**	ND
Domestic Well											
DW-Sing	11/13/2003		ND	ND	ND	ND	ND	ND	ND	NA	NA
	8/20/2004		**0.053 (motor oil)**	ND	ND	ND	ND	ND	ND	NA	ND
	1/10/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/17/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/15/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/2005		**0.2 (motor oil)**	ND	ND	ND	ND	ND	ND	ND	ND
	3/8/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/9/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/14/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/19/2007		ND	ND	ND	ND	ND	ND	ND	ND	ND

ug/L: micrograms per liter (parts per billion)
mg/L: milligrams per liter (parts per million)
ND: Not detected above laboratory reporting limit
NS: Not sampled (dry well)
NA: Not analyzed

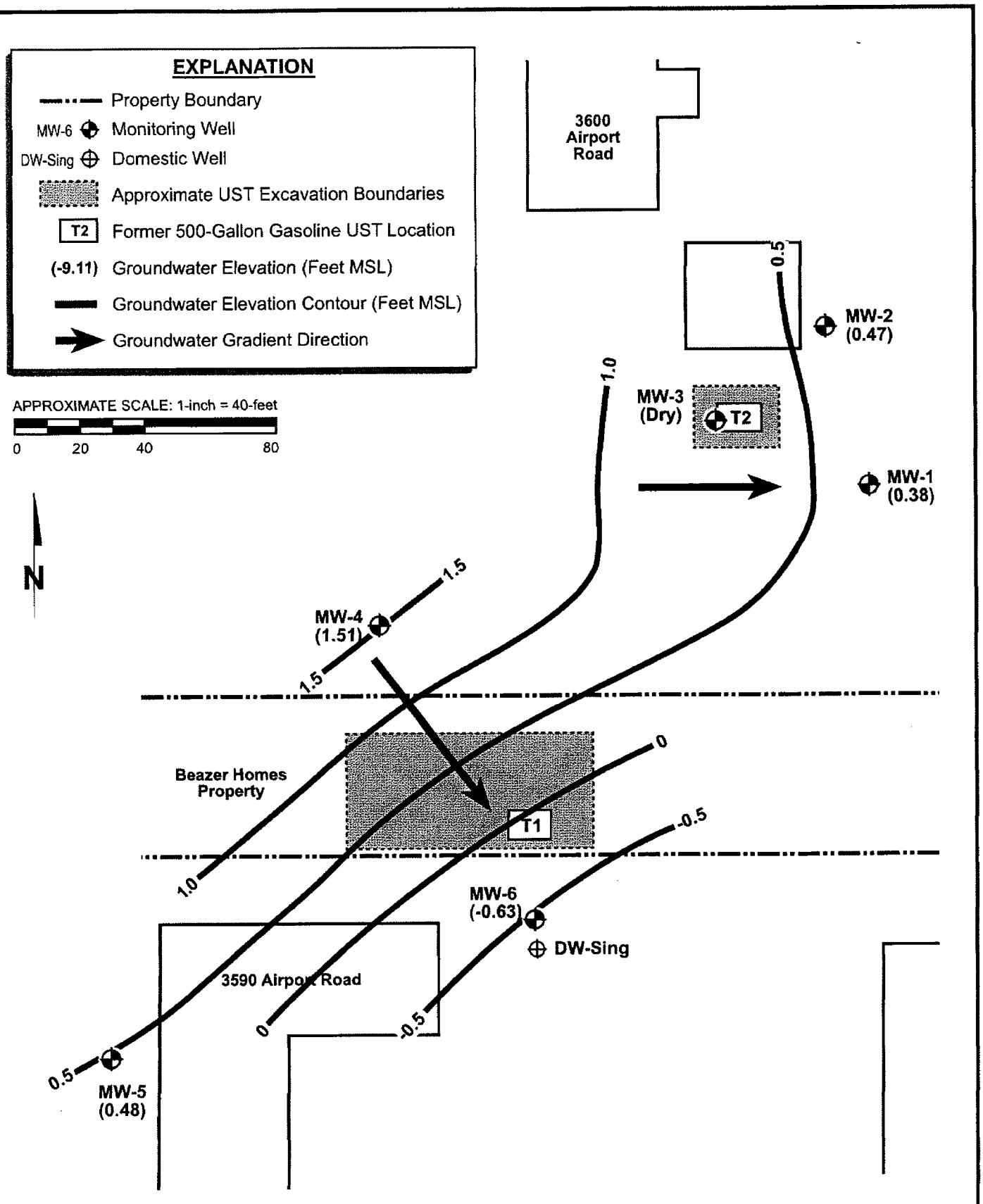


KLEINFELDER

Drawn By: D. Anderson	Date: 4/30/07
Project No. 47359-002	Filename: 2856p3_3-07.fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(MARCH 19, 2007)
MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
4



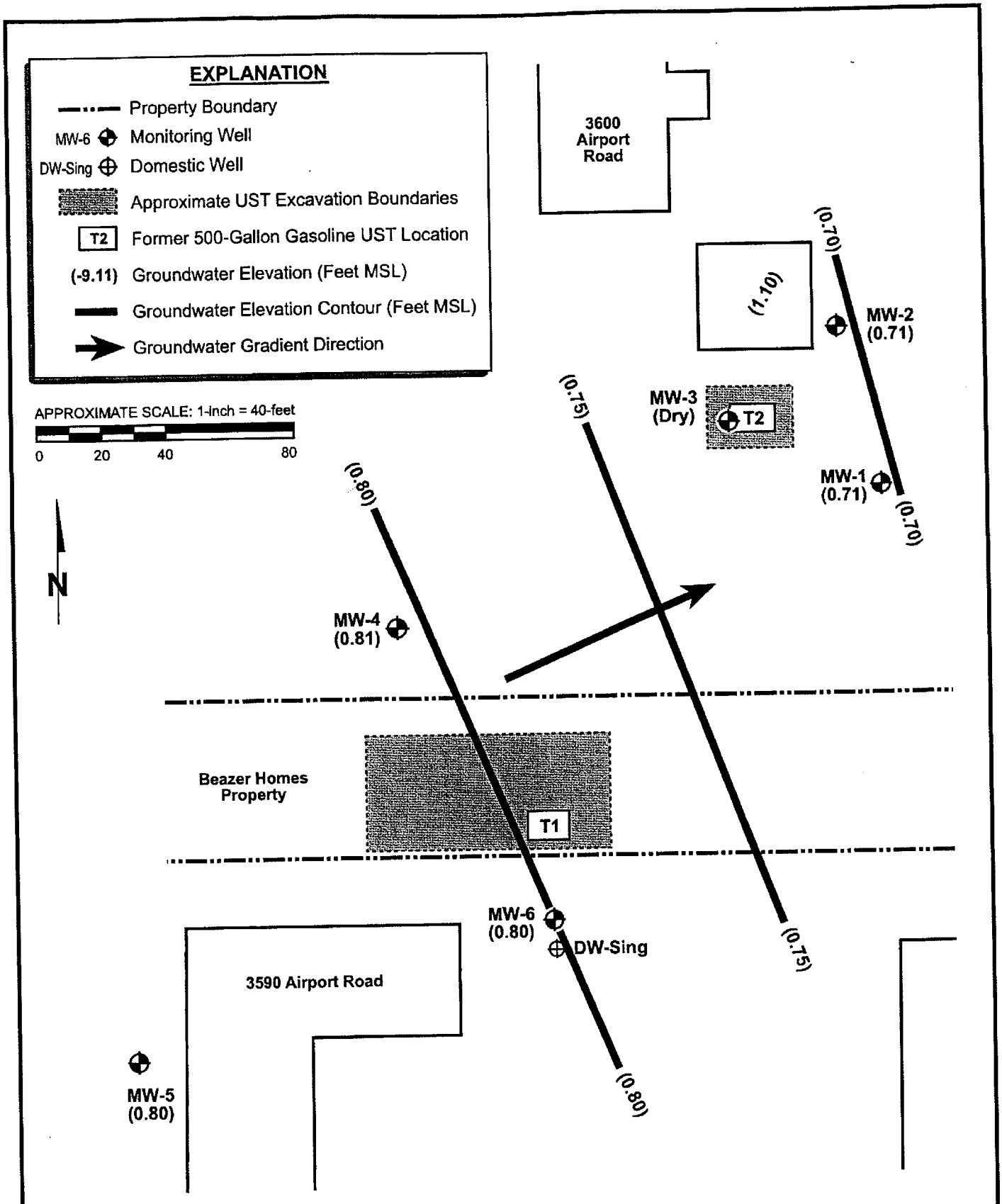
KLEINFELDER

Drawn By: D. Anderson	Date: 4/4/07
Project No. 47359-002	Filename: 2856b-p3.fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(DECEMBER 14, 2006)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3



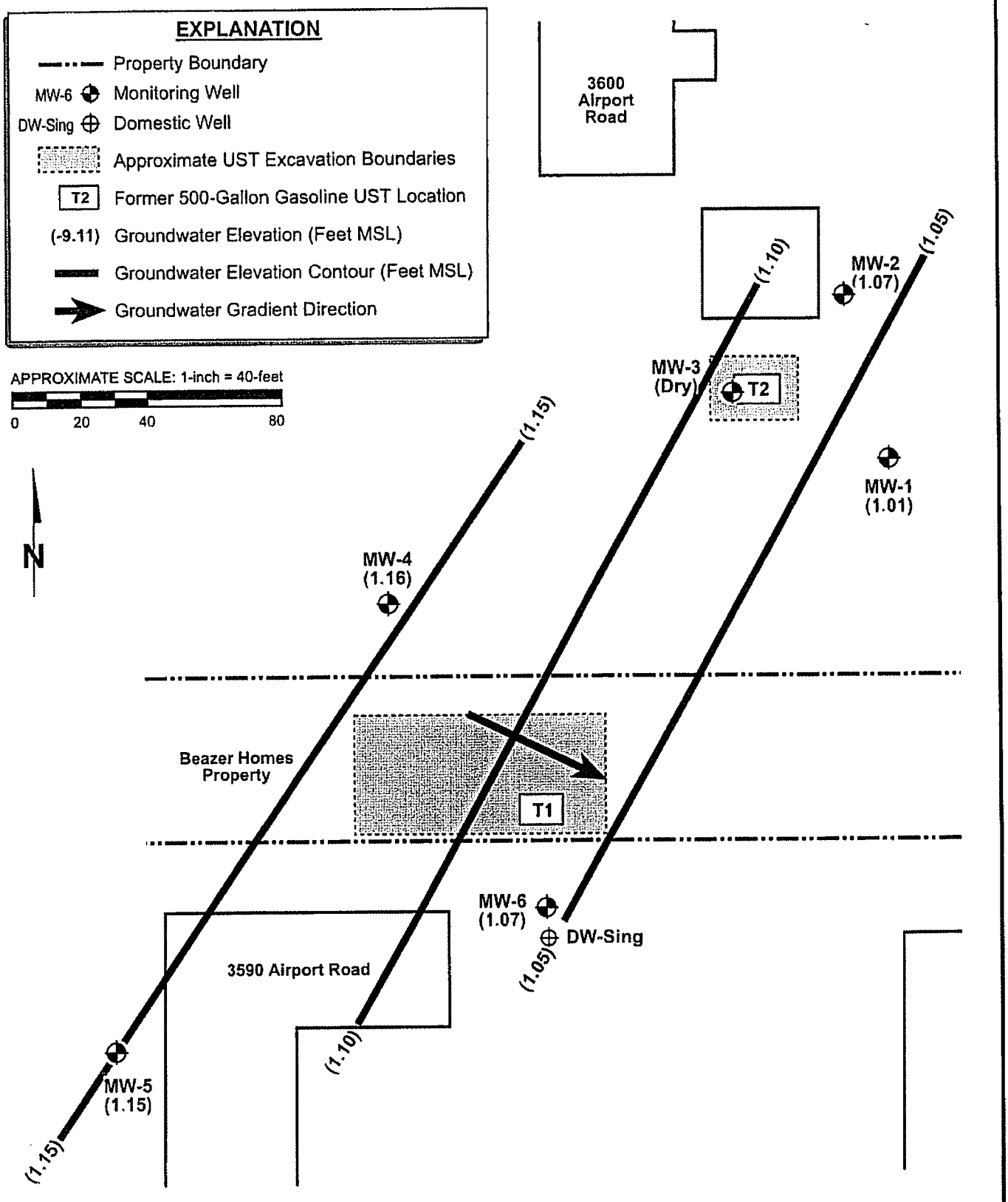
KLEINFELDER

Drawn By: D. Anderson	Date: 8/14/2006
Project No. 47359-002	Filename: 2856p3.fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(SEPTEMBER 14, 2006)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE 3



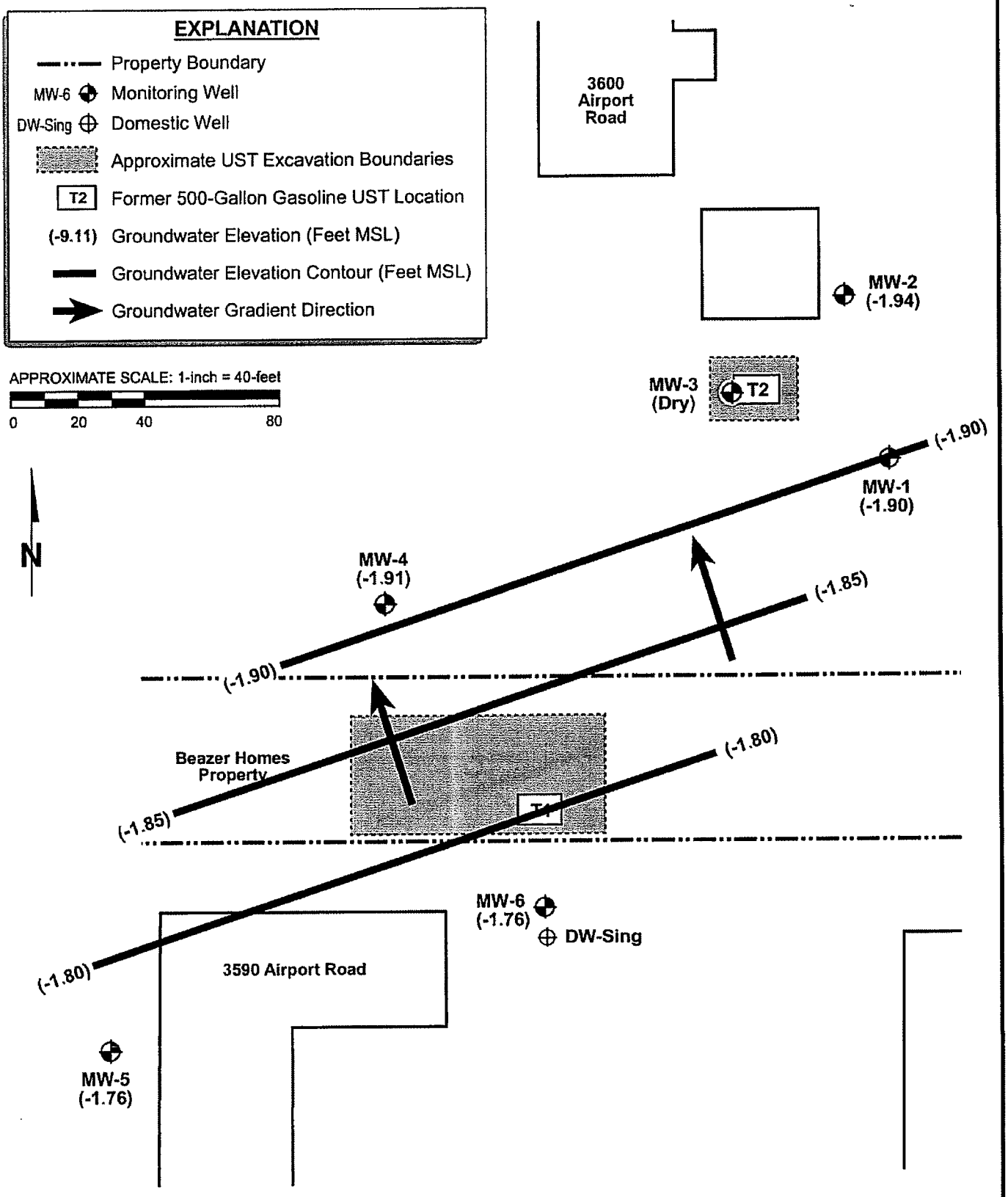
KLEINFELDER

Drawn By: D Anderson	Date: 8/14/2006
Project No. 47359-002	Filename: 2856p3 fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(JUNE 8, 2006)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3



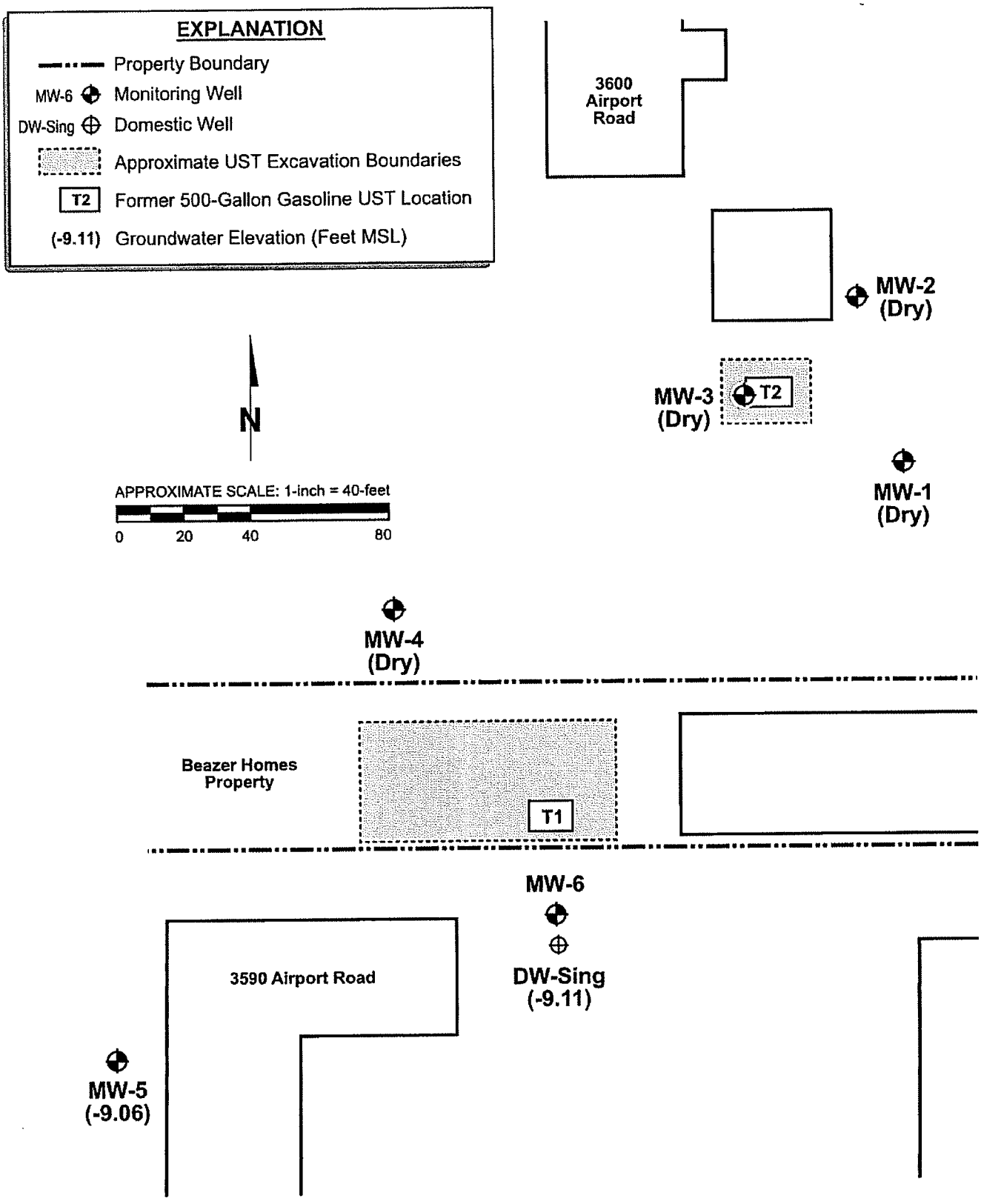
KLEINFELDER

Drawn By: D. Anderson	Date: 3/29/2006
Project No. 47359-002	Filename: 2856p3.fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION CONTOUR MAP
(MARCH 8, 2006)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3



KLEINFELDER

Drawn By: D. Anderson	Date: 1/10/2006
Project No. 47359-002	Filename: 2856n3 fh10

MONITORING WELL LOCATION AND GROUNDWATER ELEVATION MAP
(DECEMBER 8, 2005)

MACHADO RANCH
3590 AND 3600 AIRPORT ROAD
SACRAMENTO, CALIFORNIA

PLATE
3

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☐ NO

REPORT DATE: 09/20/03 (M M D D Y Y)

CASE #: 16241

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFTY CODE.

SIGNED: [signature] DATE: 9/29/03

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: BARRY MARCUS

PHONE: (916) 875-8506

SIGNATURE: [signature]

REPRESENTING ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER

COMPANY OR AGENCY NAME: SACRAMENTO COUNTY EMD

ADDRESS: 8475 JACKSON ROAD, SUITE 230 (STREET), SACRAMENTO (CITY), CA (STATE) 95826 (ZIP)

RESPONSIBLE PARTY

NAME: OLGA W. MACHADO REVOCABLE TRUST ☐ UNKNOWN

CONTACT PERSON: TRUSTEE

PHONE: ( )

ADDRESS: 3617 TIMMCO COURT (STREET), CARMICHAEL (CITY), CA (STATE) 95608 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): MACHADO TRUST PROPERTY

OPERATOR:

PHONE: ( )

ADDRESS: 3600 AIRPORT ROAD (STREET), SACRAMENTO (CITY), SACRAMENTO (COUNTY) 95834 (ZIP)

CROSS STREET: WEST EL CAMINO

TYPE OF AREA ☐ COMMERCIAL ☐ INDUSTRIAL ☒ RURAL ☒ RESIDENTIAL ☐ OTHER TRANSITIONING

TYPE OF BUSINESS ☐ RETAIL FUEL STATION ☒ FARM ☐ OTHER

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: SACRAMENTO COUNTY EMD

CONTACT PERSON: BARRY MARCUS

PHONE: (916) 875-8506

REGIONAL BOARD: CENTRAL VALLEY

CONTACT PERSON: CHRISTYL ESCARDA

PHONE: (916) 255-3107

SUBSTANCES INVOLVED

(1) NAME: GASOLINE — QUANTITY LOST (GALLONS): ☒ UNKNOWN

(2) DIESEL — ☒ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 08/20/03 (M M D D Y Y)

HOW DISCOVERED ☐ TANK TEST ☐ INVENTORY CONTROL ☐ TANK REMOVAL ☐ SUBSURFACE MONITORING ☒ OTHER SITE ASSESSMENT ☐ NUISANCE CONDITIONS

DATE DISCHARGE BEGAN: ☒ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☐ YES ☒ NO IF YES, DATE

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☐ REPLACE TANK ☐ CLOSE TANK ☐ REPAIR TANK ☐ REPAIR PIPING ☐ CHANGE PROCEDURE ☐ OTHER

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER

TANKS ONLY/CAPACITY: ____ GAL. AGE ____ YRS ☒ UNKNOWN

MATERIAL: ☐ FIBERGLASS ☐ STEEL ☐ OTHER UNKNOWN

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ CORROSION ☒ UNKNOWN ☐ SPILL ☐ OTHER

CASE TYPE

CHECK ONE ONLY: ☐ UNDETERMINED ☐ SOIL ONLY ☒ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY: ☐ SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) ☐ CLEANUP IN PROGRESS ☐ SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) ☒ NO ACTION TAKEN ☐ POST CLEANUP MONITORING IN PROGRESS ☐ NO FUNDS AVAILABLE TO PROCEED ☐ EVALUATING CLEANUP ALTERNATIVES

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ TREATMENT AT HOOKUP (HU) ☐ NO ACTION REQUIRED (NA) ☒ OTHER (OT) REMOVE TANKS, ASSESS SITE

COMMENTS

PUT SITE INTO LOP FOR FURTHER INVESTIGATION.
REFERRED TO TANK UNIT FOR TANK REMOVAL.

HSC 05 (4/87)