

APPENDIX L

Hazardous Materials Documentation

Letter from Wallace-Kuhl to Wood Rodgers

October 9, 2013

Mr. Tim Ćrush
Wood Rodgers, Inc.
3301 C Street, Building 100-B
Sacramento, California 95816

STOCKTON OFFICE
3422 West Hammer Lane, Suite D
Stockton, CA 95219
209.234.7722 phone
209.234.7727 fax

MCKINLEY VILLAGE

Sacramento, California
WKA No. 2PR13211

As requested, we have researched the Wallace-Kuhl & Associates, Inc. geotechnical files for the McKinley Village site (WKA No. 7244.02). The purpose of the review has been to determine if there was evidence in the report that the 28th Street Landfill extends into the McKinley Village site.

The report for the site was prepared in 2006, and included the drilling and sampling of 40 borings to a maximum depth of around 21½ feet. Review of the report did not reveal any discussion of the landfill being present on the subject site, nor did the boring logs contain any notes or comments about potential landfill materials being observed.

The adjacent Business 80 freeway (originally identified as the Elvas freeway) was constructed in the early 1950's. The 28th Street Landfill was expanded to the east in 1986, encompassing the property on the north side of Business 80. Records indicate the landfill operations ceased in December 1994.

Based on review of the geotechnical report and the timing of the landfill expansion, it is our opinion that the 28th Street Landfill does not physically extend into the McKinley Village site.

We appreciate this opportunity to be of service. Please contact our office if you have any questions.

Wallace-Kuhl & Associates



Stephen L. French
Senior Engineer



***Letter from City of Sacramento to Bret Hogge
(April 2013 with attachments)***



DEPARTMENT OF
GENERAL SERVICES

CITY OF SACRAMENTO
CALIFORNIA

2812 Meadowview Road
Sacramento, CA 95832

SOLID WASTE AND
RECYCLING DIVISION

Phone: 916-808-4900
Fax: 916-399-9263

April 2, 2013

Brett Hogge
River West Investments
E-mail: bhogge@river-west.com

Subject: McKinley Village Property

Dear Mr. Hogge:

Following-up on our conversation regarding the proposed McKinley Village project and the former 28th Street Landfill, the City's position outlined in our letter of October 29th, 2007, has not changed. Please see attached. The former landfill site is operating in accordance with regulatory requirements. In addition, please note that our support for relocation of the monitoring wells and gas probes on the McKinley Village property to locations along the perimeter of the property assumes this can be accomplished at no cost to solid waste ratepayers, and subject to City and Local Enforcement Agency approval of the new locations.

Please let me know if you have any questions.

Best regards,

Steve Harriman, Integrated Waste General Manager
City of Sacramento

Cc: Reina Schwartz
Joe Robinson

Well info.xls

12/13/04	ND		ug/l	5	C-11D	Isobutanol (Isobutyl alcohol)
6/21/05	ND		ug/l	5	C-11D	Isobutanol (Isobutyl alcohol)
12/13/05	ND		ug/l	5	C-11D	Isobutanol (Isobutyl alcohol)
5/16/06	ND		ug/l	5	C-11D	Isobutanol (Isobutyl alcohol)
11/13/06	ND		ug/l	5	C-11D	Isobutanol (Isobutyl alcohol)
5/22/07	ND		ug/l	20	C-11D	Isobutanol (Isobutyl alcohol)
5/16/06	ND		ug/l	20	C-11D	Isodrin
5/16/06	ND		ug/l	5	C-11D	Isophorone
12/11/02	ND		ug/l	0.5	C-11D	Isopropylbenzene
6/5/03	ND		ug/l	0.5	C-11D	Isopropylbenzene
12/10/03	ND		ug/l	0.5	C-11D	Isopropylbenzene
12/13/04	ND		ug/l	0.5	C-11D	Isopropylbenzene
6/21/05	ND		ug/l	0.5	C-11D	Isopropylbenzene
12/13/05	ND		ug/l	0.5	C-11D	Isopropylbenzene
5/16/06	ND		ug/l	10	C-11D	Isosafrole
5/16/06	ND		ug/l	200	C-11D	Kepone
5/16/06	ND		mg/l	0.001	C-11D	Lead, dissolved
5/16/06	ND		ug/l	0.47	C-11D	Malathion
5/16/06		2.2	mg/l	0.02	C-11D	Manganese, dissolved
5/16/06	TR		mg/l	0.0002	C-11D	Mercury, dissolved
5/16/06	ND		ug/l	0.47	C-11D	Merphos
6/18/02	ND		ug/l	10	C-11D	Methacrylonitrile
12/11/02	ND		ug/l	1	C-11D	Methacrylonitrile
6/5/03	ND		ug/l	1	C-11D	Methacrylonitrile
12/10/03	ND		ug/l	1	C-11D	Methacrylonitrile
6/14/04	ND		ug/l	1	C-11D	Methacrylonitrile
12/13/04	ND		ug/l	1	C-11D	Methacrylonitrile
6/21/05	ND		ug/l	1	C-11D	Methacrylonitrile
12/13/05	ND		ug/l	1	C-11D	Methacrylonitrile
5/16/06	ND		ug/l	1	C-11D	Methacrylonitrile
11/13/06	ND		ug/l	1	C-11D	Methacrylonitrile
5/22/07	ND		ug/l	2	C-11D	Methacrylonitrile
5/16/06	ND		ug/l	100	C-11D	Methapyrilene
5/16/06	ND		ug/l	0.0962	C-11D	Methoxychlor
5/16/06	ND		ug/l	0.47	C-11D	Methyl Parathion
6/18/02	ND		ug/l	5	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)

12/11/02	ND	ug/l	0.5	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)
6/5/03	ND	ug/l	0.5	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)
12/10/03	ND	ug/l	2	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)
6/14/04	ND	ug/l	2	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)
12/13/04	ND	ug/l	2	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)
6/21/05	ND	ug/l	2	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)
12/13/05	ND	ug/l	2	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)
5/16/06	ND	ug/l	2	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)
11/13/06	TR	ug/l	2	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)
5/22/07	ND	ug/l	5	C-11D	Methyl ethyl ketone (MEK; 2-Butanone)
6/18/02	ND	ug/l	5	C-11D	Methyl iodide (Iodomethane)
12/11/02	ND	ug/l	0.5	C-11D	Methyl iodide (Iodomethane)
6/5/03	ND	ug/l	0.5	C-11D	Methyl iodide (Iodomethane)
12/10/03	ND	ug/l	0.5	C-11D	Methyl iodide (Iodomethane)
6/14/04	ND	ug/l	0.5	C-11D	Methyl iodide (Iodomethane)
12/13/04	ND	ug/l	0.5	C-11D	Methyl iodide (Iodomethane)
6/21/05	ND	ug/l	0.5	C-11D	Methyl iodide (Iodomethane)
12/13/05	ND	ug/l	0.5	C-11D	Methyl iodide (Iodomethane)
5/16/06	ND	ug/l	0.5	C-11D	Methyl iodide (Iodomethane)
11/13/06	ND	ug/l	0.5	C-11D	Methyl iodide (Iodomethane)
6/18/02	ND	ug/l	5	C-11D	Methyl methacrylate
12/11/02	ND	ug/l	0.5	C-11D	Methyl methacrylate
6/5/03	ND	ug/l	0.5	C-11D	Methyl methacrylate
12/10/03	ND	ug/l	0.5	C-11D	Methyl methacrylate
12/13/04	ND	ug/l	0.5	C-11D	Methyl methacrylate
6/21/05	ND	ug/l	0.5	C-11D	Methyl methacrylate
12/13/05	ND	ug/l	0.5	C-11D	Methyl methacrylate
5/16/06	ND	ug/l	10	C-11D	Methyl methanesulfonate
6/18/02	TR	ug/l	1	C-11D	Methyl tert butyl ether (MTBE)
12/11/02	ND	ug/l	0.5	C-11D	Methyl tert butyl ether (MTBE)
6/5/03	ND	ug/l	0.5	C-11D	Methyl tert butyl ether (MTBE)
12/10/03	ND	ug/l	0.5	C-11D	Methyl tert butyl ether (MTBE)
6/14/04	ND	ug/l	0.5	C-11D	Methyl tert butyl ether (MTBE)
12/13/04	ND	ug/l	0.5	C-11D	Methyl tert butyl ether (MTBE)
6/21/05	ND	ug/l	0.5	C-11D	Methyl tert butyl ether (MTBE)
12/13/05	TR	ug/l	0.5	C-11D	Methyl tert butyl ether (MTBE)

5/16/06	TR		ug/l	0.5	C-11D	Methyl tert butyl ether (MTBE)
11/13/06	TR		ug/l	0.5	C-11D	Methyl tert butyl ether (MTBE)
5/22/07	ND		ug/l	0.5	C-11D	Methyl tert butyl ether (MTBE)
6/18/02	ND		ug/l	1	C-11D	Methylene bromide (Dibromomethane)
12/11/02	ND		ug/l	0.5	C-11D	Methylene bromide (Dibromomethane)
6/5/03	ND		ug/l	0.5	C-11D	Methylene bromide (Dibromomethane)
12/10/03	ND		ug/l	0.5	C-11D	Methylene bromide (Dibromomethane)
6/14/04	ND		ug/l	0.5	C-11D	Methylene bromide (Dibromomethane)
12/13/04	ND		ug/l	0.5	C-11D	Methylene bromide (Dibromomethane)
6/21/05	ND		ug/l	0.5	C-11D	Methylene bromide (Dibromomethane)
12/13/05	ND		ug/l	0.5	C-11D	Methylene bromide (Dibromomethane)
5/16/06	ND		ug/l	0.5	C-11D	Methylene bromide (Dibromomethane)
11/13/06	ND		ug/l	0.5	C-11D	Methylene bromide (Dibromomethane)
5/22/07	ND		ug/l	0.5	C-11D	Methylene bromide (Dibromomethane)
6/18/02	ND		ug/l	1	C-11D	Methylene chloride (Dichloromethane)
12/11/02	ND		ug/l	1	C-11D	Methylene chloride (Dichloromethane)
6/5/03	ND		ug/l	1	C-11D	Methylene chloride (Dichloromethane)
12/10/03	ND		ug/l	1	C-11D	Methylene chloride (Dichloromethane)
6/14/04	ND		ug/l	1	C-11D	Methylene chloride (Dichloromethane)
12/13/04	ND		ug/l	1	C-11D	Methylene chloride (Dichloromethane)
6/21/05	ND		ug/l	1	C-11D	Methylene chloride (Dichloromethane)
12/13/05	ND		ug/l	1	C-11D	Methylene chloride (Dichloromethane)
5/16/06	ND		ug/l	5	C-11D	Methylene chloride (Dichloromethane)
11/13/06	ND		ug/l	5	C-11D	Methylene chloride (Dichloromethane)
5/22/07	ND		ug/l	5	C-11D	Methylene chloride (Dichloromethane)
5/16/06	ND		ug/l	0.47	C-11D	Mevinphos (Phosdrin)
5/16/06	ND		ug/l	10	C-11D	N-Nitroso-di-n-butylamine (di-n-Butylnitrosamine)
5/16/06	ND		ug/l	10	C-11D	N-Nitroso-di-n-propylamine
5/16/06	ND		ug/l	20	C-11D	N-Nitrosodimethylamine (Dimethylnitrosamine)
5/16/06	ND		ug/l	5	C-11D	N-Nitrosodiphenylamine (Diphenylnitrosamine)
5/16/06	ND		ug/l	20	C-11D	N-Nitrosopiperidine
5/16/06	ND		ug/l	40	C-11D	N-Nitrosopyrrolidine
5/16/06	ND		ug/l	0.95	C-11D	Naled
6/18/02	ND		ug/l	1	C-11D	Naphthalene
12/11/02	ND		ug/l	1	C-11D	Naphthalene
6/5/03	ND		ug/l	1	C-11D	Naphthalene

12/10/03	ND	ug/l	1	C-11D	Naphthalene
6/14/04	ND	ug/l	1	C-11D	Naphthalene
12/13/04	ND	ug/l	1	C-11D	Naphthalene
6/21/05	ND	ug/l	1	C-11D	Naphthalene
12/13/05	ND	ug/l	1	C-11D	Naphthalene
5/16/06	ND	ug/l	1	C-11D	Naphthalene
5/16/06	ND	ug/l	10	C-11D	Naphthalene
11/13/06	ND	ug/l	1	C-11D	Naphthalene
5/22/07	ND	ug/l	1	C-11D	Naphthalene
5/16/06	ND	mg/l	0.002	C-11D	Nickel, dissolved
6/18/02	ND	mg/l	0.23	C-11D	Nitrate as Nitrogen
12/11/02	ND	mg/l	1	C-11D	Nitrate as Nitrogen
6/5/03	ND	mg/l	0.23	C-11D	Nitrate as Nitrogen
12/10/03	ND	mg/l	0.23	C-11D	Nitrate as Nitrogen
6/14/04	ND	mg/l	0.23	C-11D	Nitrate as Nitrogen
12/13/04	ND	mg/l	0.23	C-11D	Nitrate as Nitrogen
6/21/05	ND	mg/l	0.23	C-11D	Nitrate as Nitrogen
12/13/05	ND	mg/l	0.23	C-11D	Nitrate as Nitrogen
5/16/06	ND	mg/l	0.023	C-11D	Nitrate as Nitrogen
11/13/06	ND	mg/l	0.11	C-11D	Nitrate as Nitrogen
5/22/07	ND	mg/l	0.11	C-11D	Nitrate as Nitrogen
5/16/06	ND	ug/l	5	C-11D	Nitrobenzene
5/16/06	ND	ug/l	0.47	C-11D	Parathion, ethyl
5/16/06	ND	ug/l	10	C-11D	Pentachlorobenzene
5/16/06	ND	ug/l	20	C-11D	Pentachloronitrobenzene (PCNB)
5/16/06	ND	ug/l	20	C-11D	Pentachlorophenol
5/16/06	ND	ug/l	20	C-11D	Phenacetin
5/16/06	ND	ug/l	5	C-11D	Phenanthrene
5/16/06	ND	ug/l	5	C-11D	Phenol
5/16/06	ND	ug/l	0.47	C-11D	Phorate
5/16/06	ND	ug/l	10	C-11D	Phorate
5/16/06	ND	ug/l	10	C-11D	Pronamide
6/18/02	ND	ug/l	100	C-11D	Propionitrile (Ethyl cyanide)
12/11/02	ND	ug/l	5	C-11D	Propionitrile (Ethyl cyanide)
6/5/03	ND	ug/l	5	C-11D	Propionitrile (Ethyl cyanide)
12/10/03	ND	ug/l	5	C-11D	Propionitrile (Ethyl cyanide)

Well info.xls

6/14/04	ND		ug/l	5	C-11D	Propionitrile (Ethyl cyanide)
12/13/04	ND		ug/l	5	C-11D	Propionitrile (Ethyl cyanide)
6/21/05	ND		ug/l	5	C-11D	Propionitrile (Ethyl cyanide)
12/13/05	ND		ug/l	5	C-11D	Propionitrile (Ethyl cyanide)
5/16/06	ND		ug/l	5	C-11D	Propionitrile (Ethyl cyanide)
11/13/06	ND		ug/l	5	C-11D	Propionitrile (Ethyl cyanide)
5/22/07	ND		ug/l	20	C-11D	Propionitrile (Ethyl cyanide)
5/16/06	ND		ug/l	5	C-11D	Pyrene
5/16/06	ND		ug/l	0.47	C-11D	Ronnel
5/16/06	ND		ug/l	10	C-11D	Safrole
5/16/06	ND		mg/l	0.002	C-11D	Selenium, dissolved
5/16/06	ND		mg/l	0.01	C-11D	Silver, dissolved
6/18/02		810	umhos/cm	10	C-11D	Specific Conductance
12/11/02		680	umhos/cm	10	C-11D	Specific Conductance
6/5/03		740	umhos/cm	10	C-11D	Specific Conductance
12/10/03		740	umhos/cm	10	C-11D	Specific Conductance
6/14/04		730	umhos/cm	10	C-11D	Specific Conductance
12/13/04		830	umhos/cm	10	C-11D	Specific Conductance
6/21/05		730	umhos/cm	10	C-11D	Specific Conductance
12/13/05		680	umhos/cm	10	C-11D	Specific Conductance
5/16/06		800	umhos/cm	10	C-11D	Specific Conductance
11/13/06		840	umhos/cm	10	C-11D	Specific Conductance
5/22/07		810	umhos/cm	1	C-11D	Specific Conductance
5/16/06	ND		ug/l	0.95	C-11D	Stirophos
6/18/02	ND		ug/l	1	C-11D	Styrene
12/11/02	ND		ug/l	0.5	C-11D	Styrene
6/5/03	ND		ug/l	0.5	C-11D	Styrene
12/10/03	ND		ug/l	0.5	C-11D	Styrene
6/14/04	ND		ug/l	0.5	C-11D	Styrene
12/13/04	ND		ug/l	0.5	C-11D	Styrene
6/21/05	ND		ug/l	0.5	C-11D	Styrene
12/13/05	ND		ug/l	0.5	C-11D	Styrene
5/16/06	ND		ug/l	0.5	C-11D	Styrene
11/13/06	ND		ug/l	0.5	C-11D	Styrene
5/22/07	ND		ug/l	0.5	C-11D	Styrene
6/18/02		11	mg/l	2	C-11D	Sulfate

12/11/02		14 mg/l	2	C-11D	Sulfate
6/5/03		15 mg/l	2	C-11D	Sulfate
12/10/03		13 mg/l	2	C-11D	Sulfate
6/14/04		11 mg/l	2	C-11D	Sulfate
12/13/04		11 mg/l	2	C-11D	Sulfate
6/21/05		11 mg/l	2	C-11D	Sulfate
12/13/05		11 mg/l	2	C-11D	Sulfate
5/16/06	ND	mg/l	0.2	C-11D	Sulfate
11/13/06		10 mg/l	0.5	C-11D	Sulfate
5/22/07		10 mg/l	0.5	C-11D	Sulfate
5/16/06	ND	mg/l	0.1	C-11D	Sulfide
6/18/02		460 mg/l	5	C-11D	TDS
12/11/02		480 mg/l	5	C-11D	TDS
6/5/03		440 mg/l	5	C-11D	TDS
12/10/03		450 mg/l	5	C-11D	TDS
6/14/04		450 mg/l	5	C-11D	TDS
12/13/04		440 mg/l	5	C-11D	TDS
6/21/05		450 mg/l	5	C-11D	TDS
12/13/05		450 mg/l	5	C-11D	TDS
5/16/06		450 mg/l	5	C-11D	TDS
11/13/06		460 mg/l	5	C-11D	TDS
5/22/07		460 mg/l	10	C-11D	TDS
5/16/06		1.8 mg/l	1	C-11D	TOC
6/18/02		19 oC		C-11D	Temperature
12/11/02		18.1 oC		C-11D	Temperature
6/5/03		19.1 oC		C-11D	Temperature
12/10/03		18.5 oC		C-11D	Temperature
6/14/04		23.4 oC		C-11D	Temperature
12/13/04		18.5 oC		C-11D	Temperature
6/21/05		19.4 oC		C-11D	Temperature
12/13/05		19 oC		C-11D	Temperature
5/16/06		20.2 oC		C-11D	Temperature
11/13/06		19.8 oC		C-11D	Temperature
5/22/07		20.4 oC		C-11D	Temperature
6/14/04	ND	ug/l	0.5	C-11D	Tert-Amyl methyl ether
12/13/04	ND	ug/l	0.5	C-11D	Tert-Amyl methyl ether

6/21/05	ND		ug/l	0.5	C-11D	Tert-Amyl methyl ether
12/13/05	ND		ug/l	0.5	C-11D	Tert-Amyl methyl ether
5/16/06	ND		ug/l	0.5	C-11D	Tert-Amyl methyl ether
11/13/06	ND		ug/l	0.5	C-11D	Tert-Amyl methyl ether
5/22/07	ND		ug/l	0.5	C-11D	Tert-Amyl methyl ether
6/14/04	ND		ug/l	5	C-11D	Tert-Butyl alcohol
12/13/04	ND		ug/l	5	C-11D	Tert-Butyl alcohol
6/21/05	ND		ug/l	5	C-11D	Tert-Butyl alcohol
12/13/05	ND		ug/l	5	C-11D	Tert-Butyl alcohol
5/16/06	ND		ug/l	5	C-11D	Tert-Butyl alcohol
11/13/06	ND		ug/l	5	C-11D	Tert-Butyl alcohol
5/22/07	ND		ug/l	10	C-11D	Tert-Butyl alcohol
6/18/02	ND		ug/l	1	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
12/11/02	ND		ug/l	0.5	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
6/5/03	ND		ug/l	0.5	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
12/10/03	ND		ug/l	0.5	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
6/14/04	ND		ug/l	0.5	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
12/13/04	ND		ug/l	0.5	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
6/21/05	ND		ug/l	0.5	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
12/13/05	ND		ug/l	0.5	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
5/16/06	ND		ug/l	0.5	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
11/13/06	ND		ug/l	0.5	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
5/22/07	ND		ug/l	0.5	C-11D	Tetrachloroethylene (Tetrachloroethene; PCE)
5/16/06	ND		mg/l	0.001	C-11D	Thallium, dissolved
5/16/06	ND		ug/l	0.47	C-11D	Thionazin
5/16/06	TR		mg/l	0.1	C-11D	Tin, dissolved
5/16/06	ND		ug/l	0.47	C-11D	Tokuthion
6/18/02	ND		ug/l	1	C-11D	Toluene
12/11/02	ND		ug/l	0.5	C-11D	Toluene
6/5/03	ND		ug/l	0.5	C-11D	Toluene
12/10/03	ND		ug/l	0.5	C-11D	Toluene
6/14/04	ND		ug/l	0.5	C-11D	Toluene
12/13/04	ND		ug/l	0.5	C-11D	Toluene
6/21/05	ND		ug/l	0.5	C-11D	Toluene
12/13/05	ND		ug/l	0.5	C-11D	Toluene
5/16/06	ND		ug/l	0.5	C-11D	Toluene

Well info.xls

11/13/06	ND		ug/l	0.5	C-11D	Toluene
5/22/07	ND		ug/l	0.5	C-11D	Toluene
6/14/04		370	mg/l	5	C-11D	Total Alkalinity
12/13/04		390	mg/l	5	C-11D	Total Alkalinity
6/21/05		380	mg/l	5	C-11D	Total Alkalinity
12/13/05		730	mg/l	5	C-11D	Total Alkalinity
5/16/06		380	mg/l	5	C-11D	Total Alkalinity
5/16/06		380	mg/l	5	C-11D	Total Alkalinity
11/13/06		390	mg/l	5	C-11D	Total Alkalinity
5/16/06	ND		ug/l	2.4	C-11D	Toxaphene
6/18/02	ND		ug/l	1	C-11D	Trichloroethylene (Trichloroethene; TCE)
12/11/02	ND		ug/l	0.5	C-11D	Trichloroethylene (Trichloroethene; TCE)
6/5/03	ND		ug/l	0.5	C-11D	Trichloroethylene (Trichloroethene; TCE)
12/10/03	ND		ug/l	0.5	C-11D	Trichloroethylene (Trichloroethene; TCE)
6/14/04	ND		ug/l	0.5	C-11D	Trichloroethylene (Trichloroethene; TCE)
12/13/04	ND		ug/l	0.5	C-11D	Trichloroethylene (Trichloroethene; TCE)
6/21/05	ND		ug/l	0.5	C-11D	Trichloroethylene (Trichloroethene; TCE)
12/13/05	ND		ug/l	0.5	C-11D	Trichloroethylene (Trichloroethene; TCE)
5/16/06	ND		ug/l	0.5	C-11D	Trichloroethylene (Trichloroethene; TCE)
11/13/06	ND		ug/l	0.5	C-11D	Trichloroethylene (Trichloroethene; TCE)
5/22/07	ND		ug/l	0.5	C-11D	Trichloroethylene (Trichloroethene; TCE)
6/18/02	ND		ug/l	1	C-11D	Trichlorofluoromethane (CFC-11)
12/11/02	ND		ug/l	0.5	C-11D	Trichlorofluoromethane (CFC-11)
6/5/03	ND		ug/l	0.5	C-11D	Trichlorofluoromethane (CFC-11)
12/10/03	ND		ug/l	0.5	C-11D	Trichlorofluoromethane (CFC-11)
6/14/04	ND		ug/l	0.5	C-11D	Trichlorofluoromethane (CFC-11)
12/13/04	ND		ug/l	0.5	C-11D	Trichlorofluoromethane (CFC-11)
6/21/05	ND		ug/l	0.5	C-11D	Trichlorofluoromethane (CFC-11)
12/13/05	ND		ug/l	0.5	C-11D	Trichlorofluoromethane (CFC-11)
5/16/06	ND		ug/l	0.5	C-11D	Trichlorofluoromethane (CFC-11)
11/13/06	ND		ug/l	0.5	C-11D	Trichlorofluoromethane (CFC-11)
5/22/07	ND		ug/l	0.5	C-11D	Trichlorofluoromethane (CFC-11)
5/16/06	ND		ug/l	0.47	C-11D	Trichloronate
6/18/02		0.55	NTU	0.2	C-11D	Turbidity
12/11/02		0.27	NTU	0.2	C-11D	Turbidity
6/5/03		0.42	NTU	0.2	C-11D	Turbidity

12/10/03	TR		NTU	0.2	C-11D	Turbidity
6/14/04		0.54	NTU	0.2	C-11D	Turbidity
12/13/04		0.71	NTU	0.2	C-11D	Turbidity
6/21/05		0.36	NTU	0.2	C-11D	Turbidity
12/13/05		0.24	NTU	0.2	C-11D	Turbidity
5/16/06		2.6	NTU	0.2	C-11D	Turbidity
11/13/06		0.57	NTU	0.2	C-11D	Turbidity
5/22/07	TR	0.12	NTU	1	C-11D	Turbidity
5/16/06	TR		mg/l	0.02	C-11D	Vanadium, dissolved
6/18/02	ND		ug/l	20	C-11D	Vinyl acetate
12/11/02	ND		ug/l	2	C-11D	Vinyl acetate
6/5/03	ND		ug/l	2	C-11D	Vinyl acetate
12/10/03	ND		ug/l	2	C-11D	Vinyl acetate
12/13/04	ND		ug/l	2	C-11D	Vinyl acetate
6/21/05	ND		ug/l	2	C-11D	Vinyl acetate
12/13/05	ND		ug/l	2	C-11D	Vinyl acetate
6/18/02	ND		ug/l	1	C-11D	Vinyl chloride (chloroethylene; chloroethene)
12/11/02	ND		ug/l	0.5	C-11D	Vinyl chloride (chloroethylene; chloroethene)
6/5/03	ND		ug/l	0.5	C-11D	Vinyl chloride (chloroethylene; chloroethene)
12/10/03	ND		ug/l	0.5	C-11D	Vinyl chloride (chloroethylene; chloroethene)
6/14/04	ND		ug/l	0.5	C-11D	Vinyl chloride (chloroethylene; chloroethene)
12/13/04	ND		ug/l	0.5	C-11D	Vinyl chloride (chloroethylene; chloroethene)
6/21/05	ND		ug/l	0.5	C-11D	Vinyl chloride (chloroethylene; chloroethene)
12/13/05	ND		ug/l	0.5	C-11D	Vinyl chloride (chloroethylene; chloroethene)
5/16/06	ND		ug/l	0.5	C-11D	Vinyl chloride (chloroethylene; chloroethene)
11/13/06	ND		ug/l	0.5	C-11D	Vinyl chloride (chloroethylene; chloroethene)
5/22/07	ND		ug/l	0.5	C-11D	Vinyl chloride (chloroethylene; chloroethene)
6/18/02	ND		ug/l	1	C-11D	Xylene (total)
12/11/02	ND		ug/l	0.5	C-11D	Xylene (total)
6/5/03	ND		ug/l	0.5	C-11D	Xylene (total)
12/10/03	ND		ug/l	0.5	C-11D	Xylene (total)
6/14/04	ND		ug/l	0.5	C-11D	Xylene (total)
12/13/04	ND		ug/l	0.5	C-11D	Xylene (total)
6/21/05	ND		ug/l	0.5	C-11D	Xylene (total)
12/13/05	ND		ug/l	1	C-11D	Xylene (total)
5/16/06	ND		ug/l	1	C-11D	Xylene (total)

11/13/06	ND	ug/l	1	C-11D	Xylene (total)
5/22/07	ND	ug/l	1.5	C-11D	Xylene (total)
5/16/06	ND	mg/l	0.05	C-11D	Zinc, dissolved
5/16/06	ND	ug/l	0.0962	C-11D	alpha-BHC
5/16/06	ND	ug/l	0.0962	C-11D	alpha-Chlordane
5/16/06	ND	ug/l	0.0962	C-11D	beta-BHC
5/16/06	ND	ug/l	5	C-11D	bis(2-Chloroethoxy)methane
5/16/06	ND	ug/l	5	C-11D	bis(2-Chloroethyl) ether (Dichloroethyl ether)
5/16/06	ND	ug/l	10	C-11D	bis(2-Chloroisopropyl) ether
5/16/06	ND	ug/l	5	C-11D	bis(2-Ethylhexyl) phthalate
6/18/02	ND	ug/l	1	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
12/11/02	ND	ug/l	0.5	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
6/5/03	ND	ug/l	0.5	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
12/10/03	ND	ug/l	0.5	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
6/14/04	ND	ug/l	0.5	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
12/13/04	ND	ug/l	0.5	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
6/21/05	ND	ug/l	0.5	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
12/13/05	ND	ug/l	0.5	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
5/16/06	ND	ug/l	0.5	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
11/13/06	ND	ug/l	0.5	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
5/22/07	ND	ug/l	0.5	C-11D	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
6/18/02	ND	ug/l	1	C-11D	cis-1,3-Dichloropropene
12/11/02	ND	ug/l	0.5	C-11D	cis-1,3-Dichloropropene
6/5/03	ND	ug/l	0.5	C-11D	cis-1,3-Dichloropropene
12/10/03	ND	ug/l	0.5	C-11D	cis-1,3-Dichloropropene
6/14/04	ND	ug/l	0.5	C-11D	cis-1,3-Dichloropropene
12/13/04	ND	ug/l	0.5	C-11D	cis-1,3-Dichloropropene
6/21/05	ND	ug/l	0.5	C-11D	cis-1,3-Dichloropropene
12/13/05	ND	ug/l	0.5	C-11D	cis-1,3-Dichloropropene
5/16/06	ND	ug/l	0.5	C-11D	cis-1,3-Dichloropropene
11/13/06	ND	ug/l	0.5	C-11D	cis-1,3-Dichloropropene
5/22/07	ND	ug/l	0.5	C-11D	cis-1,3-Dichloropropene
5/16/06	ND	ug/l	0.0962	C-11D	delta-BHC
6/14/04	ND	ug/l	0.5	C-11D	di-Isopropyl ether
12/13/04	ND	ug/l	0.5	C-11D	di-Isopropyl ether
6/21/05	ND	ug/l	0.5	C-11D	di-Isopropyl ether

12/13/05	ND		ug/l	0.5	C-11D	di-Isopropyl ether
5/16/06	ND		ug/l	0.5	C-11D	di-Isopropyl ether
11/13/06	ND		ug/l	0.5	C-11D	di-Isopropyl ether
5/22/07	ND		ug/l	0.5	C-11D	di-Isopropyl ether
5/16/06	ND		ug/l	0.0962	C-11D	gamma-BHC (Lindane)
5/16/06	ND		ug/l	0.0962	C-11D	gamma-Chlordane
5/16/06	ND		ug/l	10	C-11D	m-Cresol (3-Methylphenol)
5/16/06	ND		ug/l	20	C-11D	m-Dinitrobenzene
12/11/02	ND		ug/l	0.5	C-11D	n-Butylbenzene
6/5/03	ND		ug/l	0.5	C-11D	n-Butylbenzene
12/10/03	ND		ug/l	0.5	C-11D	n-Butylbenzene
6/14/04	ND		ug/l	0.5	C-11D	n-Butylbenzene
12/13/04	ND		ug/l	0.5	C-11D	n-Butylbenzene
6/21/05	ND		ug/l	0.5	C-11D	n-Butylbenzene
12/13/05	ND		ug/l	0.5	C-11D	n-Butylbenzene
5/16/06	ND		ug/l	0.5	C-11D	n-Butylbenzene
5/16/06	ND		ug/l	10	C-11D	n-Butylbenzene
11/13/06	ND		ug/l	0.5	C-11D	n-Butylbenzene
5/22/07	ND		ug/l	0.5	C-11D	n-Butylbenzene
5/16/06	ND		ug/l	20	C-11D	n-Nitrosodiethylamine
12/11/02	ND		ug/l	0.5	C-11D	n-Propyl benzene
6/5/03	ND		ug/l	0.5	C-11D	n-Propyl benzene
12/10/03	ND		ug/l	0.5	C-11D	n-Propyl benzene
6/14/04	ND		ug/l	0.5	C-11D	n-Propyl benzene
12/13/04	ND		ug/l	0.5	C-11D	n-Propyl benzene
6/21/05	ND		ug/l	0.5	C-11D	n-Propyl benzene
12/13/05	ND		ug/l	0.5	C-11D	n-Propyl benzene
5/16/06	ND		ug/l	0.5	C-11D	n-Propyl benzene
11/13/06	ND		ug/l	0.5	C-11D	n-Propyl benzene
5/22/07	ND		ug/l	0.5	C-11D	n-Propyl benzene
5/16/06	ND		ug/l	10	C-11D	o-Toluidine
5/16/06	ND		ug/l	10	C-11D	p-(Dimethylamino)azobenzene
5/16/06	ND		ug/l	50	C-11D	p-Phenylenediamine
6/18/02		6.67	pH Units	2	C-11D	pH
12/11/02		6.71	pH Units	2	C-11D	pH
6/5/03		6.59	pH Units	1	C-11D	pH

12/10/03		6.61	pH Units	1	C-11D	pH
6/14/04		6.71	pH Units	1	C-11D	pH
12/13/04		6.51	pH Units	1	C-11D	pH
6/21/05		6.59	pH Units	1	C-11D	pH
12/13/05		6.68	pH Units	1	C-11D	pH
5/16/06		6.71	pH Units	1	C-11D	pH
11/13/06		6.39	pH Units	1	C-11D	pH
5/22/07		6.91	pH Units	0	C-11D	pH
12/11/02	ND		ug/l	0.5	C-11D	sec-Butylbenzene
6/5/03	ND		ug/l	0.5	C-11D	sec-Butylbenzene
12/10/03	ND		ug/l	0.5	C-11D	sec-Butylbenzene
6/14/04	ND		ug/l	0.5	C-11D	sec-Butylbenzene
12/13/04	ND		ug/l	0.5	C-11D	sec-Butylbenzene
6/21/05	ND		ug/l	0.5	C-11D	sec-Butylbenzene
12/13/05	ND		ug/l	0.5	C-11D	sec-Butylbenzene
5/16/06	ND		ug/l	0.5	C-11D	sec-Butylbenzene
11/13/06	ND		ug/l	0.5	C-11D	sec-Butylbenzene
5/22/07	ND		ug/l	0.5	C-11D	sec-Butylbenzene
5/16/06	ND		ug/l	10	C-11D	sym-Trinitrobenzene
6/14/04	ND		ug/l	0.5	C-11D	tert-Butyl ethyl ether
12/13/04	ND		ug/l	0.5	C-11D	tert-Butyl ethyl ether
6/21/05	ND		ug/l	0.5	C-11D	tert-Butyl ethyl ether
12/13/05	ND		ug/l	0.5	C-11D	tert-Butyl ethyl ether
5/16/06	ND		ug/l	0.5	C-11D	tert-Butyl ethyl ether
11/13/06	ND		ug/l	0.5	C-11D	tert-Butyl ethyl ether
5/22/07	ND		ug/l	0.5	C-11D	tert-Butyl ethyl ether
12/11/02	ND		ug/l	0.5	C-11D	tert-Butylbenzene
6/5/03	ND		ug/l	0.5	C-11D	tert-Butylbenzene
12/10/03	ND		ug/l	0.5	C-11D	tert-Butylbenzene
6/14/04	ND		ug/l	0.5	C-11D	tert-Butylbenzene
12/13/04	ND		ug/l	0.5	C-11D	tert-Butylbenzene
6/21/05	ND		ug/l	0.5	C-11D	tert-Butylbenzene
12/13/05	ND		ug/l	0.5	C-11D	tert-Butylbenzene
5/16/06	ND		ug/l	0.5	C-11D	tert-Butylbenzene
11/13/06	ND		ug/l	0.5	C-11D	tert-Butylbenzene
5/22/07	ND		ug/l	0.5	C-11D	tert-Butylbenzene

Well info.xls

6/18/02	ND	ug/l	1	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
12/11/02	ND	ug/l	0.5	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
6/5/03	ND	ug/l	0.5	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
12/10/03	ND	ug/l	0.5	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
6/14/04	ND	ug/l	0.5	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
12/13/04	ND	ug/l	0.5	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
6/21/05	ND	ug/l	0.5	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
12/13/05	ND	ug/l	0.5	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
5/16/06	ND	ug/l	0.5	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
11/13/06	ND	ug/l	0.5	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
5/22/07	ND	ug/l	0.5	C-11D	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
6/18/02	ND	ug/l	1	C-11D	trans-1,3-Dichloropropene
12/11/02	ND	ug/l	0.5	C-11D	trans-1,3-Dichloropropene
6/5/03	ND	ug/l	0.5	C-11D	trans-1,3-Dichloropropene
12/10/03	ND	ug/l	0.5	C-11D	trans-1,3-Dichloropropene
6/14/04	ND	ug/l	0.5	C-11D	trans-1,3-Dichloropropene
12/13/04	ND	ug/l	0.5	C-11D	trans-1,3-Dichloropropene
6/21/05	ND	ug/l	0.5	C-11D	trans-1,3-Dichloropropene
12/13/05	ND	ug/l	0.5	C-11D	trans-1,3-Dichloropropene
5/16/06	ND	ug/l	0.5	C-11D	trans-1,3-Dichloropropene
11/13/06	ND	ug/l	0.5	C-11D	trans-1,3-Dichloropropene
5/22/07	ND	ug/l	0.5	C-11D	trans-1,3-Dichloropropene
6/18/02	ND	ug/l	20	C-11D	trans-1,4-Dichloro-2-butene
12/11/02	ND	ug/l	0.5	C-11D	trans-1,4-Dichloro-2-butene
6/5/03	ND	ug/l	0.5	C-11D	trans-1,4-Dichloro-2-butene
12/10/03	ND	ug/l	0.5	C-11D	trans-1,4-Dichloro-2-butene
6/14/04	ND	ug/l	0.5	C-11D	trans-1,4-Dichloro-2-butene
12/13/04	ND	ug/l	0.5	C-11D	trans-1,4-Dichloro-2-butene
6/21/05	ND	ug/l	0.5	C-11D	trans-1,4-Dichloro-2-butene
12/13/05	ND	ug/l	0.5	C-11D	trans-1,4-Dichloro-2-butene
5/16/06	ND	ug/l	0.5	C-11D	trans-1,4-Dichloro-2-butene
11/13/06	ND	ug/l	0.5	C-11D	trans-1,4-Dichloro-2-butene
5/22/07	ND	ug/l	5	C-11D	trans-1,4-Dichloro-2-butene
5/16/06	ND	ug/l	10	C-11S	0,0,0-Triethyl phosphorothioate
6/18/02	ND	ug/l	1	C-11S	1,1,1,2-Tetrachloroethane
12/11/02	ND	ug/l	0.5	C-11S	1,1,1,2-Tetrachloroethane

Well info.xls

6/5/03	ND	ug/l	0.5	C-11S	1,1,1,2-Tetrachloroethane
12/10/03	ND	ug/l	0.5	C-11S	1,1,1,2-Tetrachloroethane
6/14/04	ND	ug/l	0.5	C-11S	1,1,1,2-Tetrachloroethane
12/13/04	ND	ug/l	0.5	C-11S	1,1,1,2-Tetrachloroethane
6/21/05	ND	ug/l	0.5	C-11S	1,1,1,2-Tetrachloroethane
12/13/05	ND	ug/l	0.5	C-11S	1,1,1,2-Tetrachloroethane
5/16/06	ND	ug/l	0.5	C-11S	1,1,1,2-Tetrachloroethane
11/13/06	ND	ug/l	0.5	C-11S	1,1,1,2-Tetrachloroethane
5/22/07	ND	ug/l	2	C-11S	1,1,1,2-Tetrachloroethane
6/18/02	ND	ug/l	1	C-11S	1,1,1-Trichloroethane (Methylchloroform)
12/11/02	ND	ug/l	0.5	C-11S	1,1,1-Trichloroethane (Methylchloroform)
6/5/03	ND	ug/l	0.5	C-11S	1,1,1-Trichloroethane (Methylchloroform)
12/10/03	ND	ug/l	0.5	C-11S	1,1,1-Trichloroethane (Methylchloroform)
6/14/04	ND	ug/l	0.5	C-11S	1,1,1-Trichloroethane (Methylchloroform)
12/13/04	ND	ug/l	0.5	C-11S	1,1,1-Trichloroethane (Methylchloroform)
6/21/05	ND	ug/l	0.5	C-11S	1,1,1-Trichloroethane (Methylchloroform)
12/13/05	ND	ug/l	0.5	C-11S	1,1,1-Trichloroethane (Methylchloroform)
5/16/06	ND	ug/l	0.5	C-11S	1,1,1-Trichloroethane (Methylchloroform)
11/13/06	ND	ug/l	0.5	C-11S	1,1,1-Trichloroethane (Methylchloroform)
5/22/07	ND	ug/l	0.5	C-11S	1,1,1-Trichloroethane (Methylchloroform)
6/18/02	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
12/11/02	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
6/5/03	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
12/10/03	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
6/14/04	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
12/13/04	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
6/21/05	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
12/13/05	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
5/16/06	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
11/13/06	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
5/22/07	ND	ug/l	1	C-11S	1,1,2,2-Tetrachloroethane
6/18/02	ND	ug/l	1	C-11S	1,1,2-Trichloroethane
12/11/02	ND	ug/l	0.5	C-11S	1,1,2-Trichloroethane
6/5/03	ND	ug/l	0.5	C-11S	1,1,2-Trichloroethane
12/10/03	ND	ug/l	0.5	C-11S	1,1,2-Trichloroethane
6/14/04	ND	ug/l	0.5	C-11S	1,1,2-Trichloroethane

12/13/04	ND		ug/l	0.5	C-11S	1,1,2-Trichloroethane
6/21/05	ND		ug/l	0.5	C-11S	1,1,2-Trichloroethane
12/13/05	ND		ug/l	0.5	C-11S	1,1,2-Trichloroethane
5/16/06	ND		ug/l	0.5	C-11S	1,1,2-Trichloroethane
11/13/06	ND		ug/l	0.5	C-11S	1,1,2-Trichloroethane
5/22/07	ND		ug/l	0.5	C-11S	1,1,2-Trichloroethane
6/18/02	ND		ug/l	1	C-11S	1,1-Dichloroethane (Ethylidene chloride)
12/11/02	ND		ug/l	0.5	C-11S	1,1-Dichloroethane (Ethylidene chloride)
6/5/03	ND		ug/l	0.5	C-11S	1,1-Dichloroethane (Ethylidene chloride)
12/10/03	ND		ug/l	0.5	C-11S	1,1-Dichloroethane (Ethylidene chloride)
6/14/04	ND		ug/l	0.5	C-11S	1,1-Dichloroethane (Ethylidene chloride)
12/13/04	ND		ug/l	0.5	C-11S	1,1-Dichloroethane (Ethylidene chloride)
6/21/05	ND		ug/l	0.5	C-11S	1,1-Dichloroethane (Ethylidene chloride)
12/13/05	TR		ug/l	0.5	C-11S	1,1-Dichloroethane (Ethylidene chloride)
5/16/06	ND		ug/l	0.5	C-11S	1,1-Dichloroethane (Ethylidene chloride)
11/13/06	ND		ug/l	0.5	C-11S	1,1-Dichloroethane (Ethylidene chloride)
5/22/07	ND		ug/l	0.5	C-11S	1,1-Dichloroethane (Ethylidene chloride)
6/18/02	ND		ug/l	1	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
12/11/02	ND		ug/l	0.5	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
6/5/03	ND		ug/l	0.5	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
12/10/03	ND		ug/l	0.5	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
6/14/04	ND		ug/l	0.5	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
12/13/04	ND		ug/l	0.5	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
6/21/05	ND		ug/l	0.5	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
12/13/05	ND		ug/l	0.5	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
5/16/06	ND		ug/l	0.5	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
11/13/06	ND		ug/l	0.5	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
5/22/07	ND		ug/l	0.5	C-11S	1,1-Dichloroethylene (1,1-Dichloroethene; Vinylidene chlorid
6/18/02	ND		ug/l	1	C-11S	1,1-Dichloropropene
12/11/02	ND		ug/l	0.5	C-11S	1,1-Dichloropropene
6/5/03	ND		ug/l	0.5	C-11S	1,1-Dichloropropene
12/10/03	ND		ug/l	0.5	C-11S	1,1-Dichloropropene
6/14/04	ND		ug/l	0.5	C-11S	1,1-Dichloropropene
12/13/04	ND		ug/l	0.5	C-11S	1,1-Dichloropropene
6/21/05	ND		ug/l	0.5	C-11S	1,1-Dichloropropene
12/13/05	ND		ug/l	0.5	C-11S	1,1-Dichloropropene

5/16/06	ND		ug/l	0.5	C-11S	1,1-Dichloropropene
11/13/06	ND		ug/l	0.5	C-11S	1,1-Dichloropropene
5/22/07	ND		ug/l	0.5	C-11S	1,1-Dichloropropene
12/11/02	ND		ug/l	0.5	C-11S	1,2,3-Trichlorobenzene
6/5/03	ND		ug/l	0.5	C-11S	1,2,3-Trichlorobenzene
12/10/03	ND		ug/l	0.5	C-11S	1,2,3-Trichlorobenzene
12/13/04	ND		ug/l	0.5	C-11S	1,2,3-Trichlorobenzene
6/18/02	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
12/11/02	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
6/5/03	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
12/10/03	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
6/14/04	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
12/13/04	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
6/21/05	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
12/13/05	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
5/16/06	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
11/13/06	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
5/22/07	ND		ug/l	1	C-11S	1,2,3-Trichloropropane
5/16/06	ND		ug/l	10	C-11S	1,2,4,5-Tetrachlorobenzene
6/18/02	ND		ug/l	1	C-11S	1,2,4-Trichlorobenzene
12/11/02	ND		ug/l	0.5	C-11S	1,2,4-Trichlorobenzene
6/5/03	ND		ug/l	0.5	C-11S	1,2,4-Trichlorobenzene
12/10/03	ND		ug/l	0.5	C-11S	1,2,4-Trichlorobenzene
6/14/04	ND		ug/l	0.5	C-11S	1,2,4-Trichlorobenzene
12/13/04	ND		ug/l	0.5	C-11S	1,2,4-Trichlorobenzene
6/21/05	ND		ug/l	0.5	C-11S	1,2,4-Trichlorobenzene
12/13/05	ND		ug/l	0.5	C-11S	1,2,4-Trichlorobenzene
5/16/06	ND		ug/l	0.5	C-11S	1,2,4-Trichlorobenzene
5/16/06	ND		ug/l	5	C-11S	1,2,4-Trichlorobenzene
11/13/06	ND		ug/l	0.5	C-11S	1,2,4-Trichlorobenzene
5/22/07	ND		ug/l	0.5	C-11S	1,2,4-Trichlorobenzene
12/11/02	ND		ug/l	0.5	C-11S	1,2,4-Trimethylbenzene
6/5/03	ND		ug/l	0.5	C-11S	1,2,4-Trimethylbenzene
12/10/03	ND		ug/l	0.5	C-11S	1,2,4-Trimethylbenzene
6/14/04	ND		ug/l	0.5	C-11S	1,2,4-Trimethylbenzene
12/13/04	ND		ug/l	0.5	C-11S	1,2,4-Trimethylbenzene

6/21/05	ND	ug/l	0.5	C-11S	1,2,4-Trimethylbenzene
12/13/05	ND	ug/l	0.5	C-11S	1,2,4-Trimethylbenzene
5/16/06	ND	ug/l	0.5	C-11S	1,2,4-Trimethylbenzene
11/13/06	ND	ug/l	0.5	C-11S	1,2,4-Trimethylbenzene
5/22/07	ND	ug/l	0.5	C-11S	1,2,4-Trimethylbenzene
6/18/02	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
12/11/02	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
6/5/03	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
12/10/03	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
6/14/04	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
12/13/04	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
6/21/05	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
12/13/05	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
5/16/06	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
11/13/06	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
5/22/07	ND	ug/l	1	C-11S	1,2-Dibromo-3-chloropropane (DBCP)
6/18/02	ND	ug/l	1	C-11S	1,2-Dibromoethane
12/11/02	ND	ug/l	0.5	C-11S	1,2-Dibromoethane
6/5/03	ND	ug/l	0.5	C-11S	1,2-Dibromoethane
12/10/03	ND	ug/l	0.5	C-11S	1,2-Dibromoethane
6/14/04	ND	ug/l	0.5	C-11S	1,2-Dibromoethane
12/13/04	ND	ug/l	0.5	C-11S	1,2-Dibromoethane
6/21/05	ND	ug/l	0.5	C-11S	1,2-Dibromoethane
12/13/05	ND	ug/l	0.5	C-11S	1,2-Dibromoethane
5/16/06	ND	ug/l	0.5	C-11S	1,2-Dibromoethane
11/13/06	ND	ug/l	0.5	C-11S	1,2-Dibromoethane
5/22/07	ND	ug/l	0.5	C-11S	1,2-Dibromomethane (Ethylene dibromide; EDB)
6/18/02	ND	ug/l	1	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
12/11/02	ND	ug/l	0.5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
6/5/03	ND	ug/l	0.5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
12/10/03	ND	ug/l	0.5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
6/14/04	ND	ug/l	0.5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
12/13/04	ND	ug/l	0.5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
6/21/05	ND	ug/l	0.5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
12/13/05	ND	ug/l	0.5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
5/16/06	ND	ug/l	0.5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)

5/16/06	ND	ug/l	5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
11/13/06	ND	ug/l	0.5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
5/22/07	ND	ug/l	0.5	C-11S	1,2-Dichlorobenzene (o-Dichlorobenzene)
6/18/02	ND	ug/l	1	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
12/11/02	ND	ug/l	0.5	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
6/5/03	ND	ug/l	0.5	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
12/10/03	ND	ug/l	0.5	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
6/14/04	ND	ug/l	0.5	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
12/13/04	ND	ug/l	0.5	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
6/21/05	ND	ug/l	0.5	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
12/13/05	ND	ug/l	0.5	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
5/16/06	ND	ug/l	0.5	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
11/13/06	ND	ug/l	0.5	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
5/22/07	ND	ug/l	0.5	C-11S	1,2-Dichloroethane (Ethylidene dichloride)
6/18/02	ND	ug/l	1	C-11S	1,2-Dichloropropane (Propylene dichloride)
12/11/02	ND	ug/l	0.5	C-11S	1,2-Dichloropropane (Propylene dichloride)
6/5/03	ND	ug/l	0.5	C-11S	1,2-Dichloropropane (Propylene dichloride)
12/10/03	ND	ug/l	0.5	C-11S	1,2-Dichloropropane (Propylene dichloride)
6/14/04	ND	ug/l	0.5	C-11S	1,2-Dichloropropane (Propylene dichloride)
12/13/04	ND	ug/l	0.5	C-11S	1,2-Dichloropropane (Propylene dichloride)
6/21/05	ND	ug/l	0.5	C-11S	1,2-Dichloropropane (Propylene dichloride)
12/13/05	ND	ug/l	0.5	C-11S	1,2-Dichloropropane (Propylene dichloride)
5/16/06	ND	ug/l	0.5	C-11S	1,2-Dichloropropane (Propylene dichloride)
11/13/06	ND	ug/l	0.5	C-11S	1,2-Dichloropropane (Propylene dichloride)
5/22/07	ND	ug/l	0.5	C-11S	1,2-Dichloropropane (Propylene dichloride)
12/11/02	ND	ug/l	0.5	C-11S	1,3,5-Trimethylbenzene
6/5/03	ND	ug/l	0.5	C-11S	1,3,5-Trimethylbenzene
12/10/03	ND	ug/l	0.5	C-11S	1,3,5-Trimethylbenzene
6/14/04	ND	ug/l	0.5	C-11S	1,3,5-Trimethylbenzene
12/13/04	ND	ug/l	0.5	C-11S	1,3,5-Trimethylbenzene
6/21/05	ND	ug/l	0.5	C-11S	1,3,5-Trimethylbenzene
12/13/05	ND	ug/l	0.5	C-11S	1,3,5-Trimethylbenzene
5/16/06	ND	ug/l	0.5	C-11S	1,3,5-Trimethylbenzene
11/13/06	ND	ug/l	0.5	C-11S	1,3,5-Trimethylbenzene
5/22/07	ND	ug/l	0.5	C-11S	1,3,5-Trimethylbenzene
6/18/02	ND	ug/l	1	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)

12/11/02	ND		ug/l	0.5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
6/5/03	ND		ug/l	0.5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
12/10/03	ND		ug/l	0.5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
6/14/04	ND		ug/l	0.5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
12/13/04	ND		ug/l	0.5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
6/21/05	ND		ug/l	0.5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
12/13/05	ND		ug/l	0.5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
5/16/06	ND		ug/l	0.5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
5/16/06	ND		ug/l	5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
11/13/06	ND		ug/l	0.5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
5/22/07	ND		ug/l	0.5	C-11S	1,3-Dichlorobenzene (m-Dichlorobenzene)
6/18/02	ND		ug/l	1	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
12/11/02	ND		ug/l	0.5	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
6/5/03	ND		ug/l	0.5	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
12/10/03	ND		ug/l	0.5	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
6/14/04	ND		ug/l	0.5	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
12/13/04	ND		ug/l	0.5	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
6/21/05	ND		ug/l	0.5	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
12/13/05	ND		ug/l	0.5	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
5/16/06	ND		ug/l	0.5	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
11/13/06	ND		ug/l	0.5	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
5/22/07	ND		ug/l	0.5	C-11S	1,3-Dichloropropane (Trimethylene dichloride)
6/18/02	ND		ug/l	1	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
12/11/02	ND		ug/l	0.5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
6/5/03	ND		ug/l	0.5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
12/10/03	ND		ug/l	0.5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
6/14/04	ND		ug/l	0.5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
12/13/04	ND		ug/l	0.5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
6/21/05	ND		ug/l	0.5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
12/13/05	ND		ug/l	0.5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
5/16/06	ND		ug/l	0.5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
5/16/06	ND		ug/l	5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
11/13/06	ND		ug/l	0.5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
5/22/07	ND		ug/l	0.5	C-11S	1,4-Dichlorobenzene (p-Dichlorobenzene)
5/16/06	ND		ug/l	20	C-11S	1,4-Naphthoquinone
5/16/06	ND		ug/l	10	C-11S	1-Naphthylamine

Well info.xls

6/18/02	ND	ug/l	1	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
12/11/02	ND	ug/l	0.5	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
6/5/03	ND	ug/l	0.5	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
12/10/03	ND	ug/l	0.5	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
6/14/04	ND	ug/l	0.5	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
12/13/04	ND	ug/l	0.5	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
6/21/05	ND	ug/l	0.5	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
12/13/05	ND	ug/l	0.5	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
5/16/06	ND	ug/l	0.5	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
11/13/06	ND	ug/l	0.5	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
5/22/07	ND	ug/l	0.5	C-11S	2,2-Dichloropropane (Isopropylidene chloride)
5/16/06	ND	ug/l	10	C-11S	2,3,4,6-Tetrachlorophenol
5/16/06	ND	ug/l	10	C-11S	2,4,5-Trichlorophenol
5/16/06	ND	ug/l	1	C-11S	2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)
5/16/06	ND	ug/l	1	C-11S	2,4,5-Trichlorophenoxy propionic acid (2,4,5-TP; Silvex)
5/16/06	ND	ug/l	10	C-11S	2,4-Dichlorophenol
5/16/06	ND	ug/l	1	C-11S	2,4-Dichlorophenoxy acetic acid (2,4-D)
5/16/06	ND	ug/l	1	C-11S	2,4-Dichlorophenoxy butanoic acid (2,4-DB)
5/16/06	ND	ug/l	5	C-11S	2,4-Dimethylphenol (m-Xylenol)
5/16/06	ND	ug/l	20	C-11S	2,4-Dinitrophenol
5/16/06	ND	ug/l	10	C-11S	2,4-Dinitrotoluene
5/16/06	ND	ug/l	10	C-11S	2,6-Dichlorophenol
5/16/06	ND	ug/l	10	C-11S	2,6-Dinitrotoluene
5/16/06	ND	ug/l	1	C-11S	2-(2,4-Dichlorophenoxy) propionic acid (Dichloroprop)
5/16/06	ND	ug/l	1	C-11S	2-(sec-butyl)-4,6-Dinitrophenol (Dinoseb)
5/16/06	ND	ug/l	20	C-11S	2-Acetylaminofluorene (2-AAF)
12/11/02	ND	ug/l	0.5	C-11S	2-Chloroethylvinyl ether
6/5/03	ND	ug/l	0.5	C-11S	2-Chloroethylvinyl ether
5/16/06	ND	ug/l	5	C-11S	2-Chloronaphthalene
5/16/06	ND	ug/l	10	C-11S	2-Chlorophenol
12/11/02	ND	ug/l	0.5	C-11S	2-Chlorotoluene
6/5/03	ND	ug/l	0.5	C-11S	2-Chlorotoluene
12/10/03	ND	ug/l	0.5	C-11S	2-Chlorotoluene
6/18/02	ND	ug/l	10	C-11S	2-Hexanone (Methyl butyl ketone)
12/11/02	ND	ug/l	0.5	C-11S	2-Hexanone (Methyl butyl ketone)
6/5/03	ND	ug/l	0.5	C-11S	2-Hexanone (Methyl butyl ketone)

12/10/03	ND		ug/l	2	C-11S	2-Hexanone (Methyl butyl ketone)
6/14/04	ND		ug/l	2	C-11S	2-Hexanone (Methyl butyl ketone)
12/13/04	ND		ug/l	2	C-11S	2-Hexanone (Methyl butyl ketone)
6/21/05	ND		ug/l	2	C-11S	2-Hexanone (Methyl butyl ketone)
12/13/05	ND		ug/l	2	C-11S	2-Hexanone (Methyl butyl ketone)
5/16/06	ND		ug/l	2	C-11S	2-Hexanone (Methyl butyl ketone)
11/13/06	ND		ug/l	2	C-11S	2-Hexanone (Methyl butyl ketone)
5/22/07	ND		ug/l	5	C-11S	2-Hexanone (Methyl butyl ketone)
5/16/06	ND		ug/l	5	C-11S	2-Methylnaphthalene
5/16/06	ND		ug/l	5	C-11S	2-Methylphenol (o-Cresol)
5/16/06	ND		ug/l	10	C-11S	2-Naphthylamine
5/16/06	ND		ug/l	10	C-11S	2-Nitroaniline (o-Nitroaniline)
5/16/06	ND		ug/l	10	C-11S	3,3'-Dimethylbenzidine
5/16/06	ND		ug/l	10	C-11S	3,3-Dichlorobenzidine
5/16/06	ND		ug/l	10	C-11S	3-Methylcholanthrene
5/16/06	ND		ug/l	10	C-11S	3-Nitroaniline (m-Nitroaniline)
5/16/06	ND		ug/l	0.0971	C-11S	4,4'-DDD
5/16/06	ND		ug/l	0.0971	C-11S	4,4'-DDE
5/16/06	ND		ug/l	0.0971	C-11S	4,4'-DDT
5/16/06	ND		ug/l	20	C-11S	4,6-Dinitro-o-cresol (4,6-Dinitro-2-methylphenol)
5/16/06	ND		ug/l	20	C-11S	4-Aminobiphenyl
5/16/06	ND		ug/l	5	C-11S	4-Bromophenyl phenyl ether
5/16/06	ND		ug/l	10	C-11S	4-Chloro-3-methylphenol (p-Chloro-m-cresol)
5/16/06	ND		ug/l	10	C-11S	4-Chloroaniline (p-Chloroaniline)
5/16/06	ND		ug/l	10	C-11S	4-Chlorophenyl phenyl ether
12/11/02	ND		ug/l	0.5	C-11S	4-Chlorotoluene
6/5/03	ND		ug/l	0.5	C-11S	4-Chlorotoluene
12/10/03	ND		ug/l	0.5	C-11S	4-Chlorotoluene
6/18/02	ND		ug/l	10	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)
12/11/02	ND		ug/l	0.5	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)
6/5/03	ND		ug/l	0.5	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)
12/10/03	ND		ug/l	2	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)
6/14/04	ND		ug/l	2	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)
12/13/04	ND		ug/l	2	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)
6/21/05	ND		ug/l	2	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)
12/13/05	ND		ug/l	2	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)

5/16/06	ND		ug/l	2	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)
11/13/06	ND		ug/l	2	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)
5/22/07	ND		ug/l	5	C-11S	4-Methyl-2-pentanone (Methyl isobutyl ketone)
5/16/06	ND		ug/l	5	C-11S	4-Methylphenol (p-Cresol)
5/16/06	ND		ug/l	10	C-11S	4-Nitroaniline (p-Nitroaniline)
5/16/06	ND		ug/l	20	C-11S	4-Nitrophenol (p-Nitrophenol)
5/16/06	ND		ug/l	10	C-11S	5-Nitro-o-toluidine
5/16/06	ND		ug/l	10	C-11S	7,12-Dimethylbenz[a]anthracene
5/16/06	ND		ug/l	5	C-11S	Acenaphthene
5/16/06	ND		ug/l	5	C-11S	Acenaphthylene
6/18/02	ND		ug/l	10	C-11S	Acetone
12/11/02	ND		ug/l	2	C-11S	Acetone
6/5/03	ND		ug/l	2	C-11S	Acetone
12/10/03	ND		ug/l	2	C-11S	Acetone
6/14/04	TR		ug/l	2	C-11S	Acetone
12/13/04	ND		ug/l	2	C-11S	Acetone
6/21/05	ND		ug/l	2	C-11S	Acetone
12/13/05	ND		ug/l	2	C-11S	Acetone
5/16/06	TR		ug/l	5	C-11S	Acetone
11/13/06	ND		ug/l	5	C-11S	Acetone
5/22/07	ND		ug/l	10	C-11S	Acetone
6/18/02	ND		ug/l	100	C-11S	Acetonitrile (Methyl cyanide)
12/11/02	ND		ug/l	5	C-11S	Acetonitrile (Methyl cyanide)
6/5/03	ND		ug/l	5	C-11S	Acetonitrile (Methyl cyanide)
12/10/03	ND		ug/l	5	C-11S	Acetonitrile (Methyl cyanide)
6/14/04	ND		ug/l	5	C-11S	Acetonitrile (Methyl cyanide)
12/13/04	ND		ug/l	5	C-11S	Acetonitrile (Methyl cyanide)
6/21/05	ND		ug/l	5	C-11S	Acetonitrile (Methyl cyanide)
12/13/05	ND		ug/l	10	C-11S	Acetonitrile (Methyl cyanide)
5/16/06	ND		ug/l	10	C-11S	Acetonitrile (Methyl cyanide)
11/13/06	ND		ug/l	10	C-11S	Acetonitrile (Methyl cyanide)
5/22/07	ND		ug/l	20	C-11S	Acetonitrile (Methyl cyanide)
5/16/06	ND		ug/l	10	C-11S	Acetophenone
6/18/02	ND		ug/l	20	C-11S	Acrolein
12/11/02	ND		ug/l	1	C-11S	Acrolein
6/5/03	ND		ug/l	5	C-11S	Acrolein

12/10/03	ND	ug/l	5	C-11S	Acrolein
6/14/04	ND	ug/l	5	C-11S	Acrolein
12/13/04	ND	ug/l	5	C-11S	Acrolein
6/21/05	ND	ug/l	5	C-11S	Acrolein
12/13/05	ND	ug/l	5	C-11S	Acrolein
5/16/06	ND	ug/l	5	C-11S	Acrolein
11/13/06	ND	ug/l	5	C-11S	Acrolein
5/22/07	ND	ug/l	5	C-11S	Acrolein
6/18/02	ND	ug/l	20	C-11S	Acrylonitrile
12/11/02	ND	ug/l	0.5	C-11S	Acrylonitrile
6/5/03	ND	ug/l	2	C-11S	Acrylonitrile
12/10/03	ND	ug/l	2	C-11S	Acrylonitrile
6/14/04	ND	ug/l	2	C-11S	Acrylonitrile
12/13/04	ND	ug/l	2	C-11S	Acrylonitrile
6/21/05	ND	ug/l	2	C-11S	Acrylonitrile
12/13/05	ND	ug/l	2	C-11S	Acrylonitrile
5/16/06	ND	ug/l	2	C-11S	Acrylonitrile
11/13/06	ND	ug/l	2	C-11S	Acrylonitrile
5/22/07	ND	ug/l	2	C-11S	Acrylonitrile
5/16/06	ND	ug/l	0.0971	C-11S	Aldrin
6/18/02	ND	ug/l	10	C-11S	Allyl chloride (3-Chloropropene)
12/11/02	ND	ug/l	0.5	C-11S	Allyl chloride (3-Chloropropene)
6/5/03	ND	ug/l	0.5	C-11S	Allyl chloride (3-Chloropropene)
12/10/03	ND	ug/l	0.5	C-11S	Allyl chloride (3-Chloropropene)
6/14/04	ND	ug/l	0.5	C-11S	Allyl chloride (3-Chloropropene)
12/13/04	ND	ug/l	0.5	C-11S	Allyl chloride (3-Chloropropene)
6/21/05	ND	ug/l	0.5	C-11S	Allyl chloride (3-Chloropropene)
12/13/05	ND	ug/l	0.5	C-11S	Allyl chloride (3-Chloropropene)
5/16/06	ND	ug/l	0.5	C-11S	Allyl chloride (3-Chloropropene)
11/13/06	ND	ug/l	0.5	C-11S	Allyl chloride (3-Chloropropene)
5/22/07	ND	ug/l	1	C-11S	Allyl chloride (3-Chloropropene)
5/16/06	ND	mg/l	0.5	C-11S	Aluminum, dissolved
5/16/06	ND	ug/l	5	C-11S	Anthracene
5/16/06	ND	mg/l	0.1	C-11S	Antimony, dissolved
5/16/06	ND	ug/l	1	C-11S	Arochlor 1016
5/16/06	ND	ug/l	2	C-11S	Arochlor 1221

5/16/06	ND		ug/l	1	C-11S	Arochlor 1232
5/16/06	ND		ug/l	1	C-11S	Arochlor 1242
5/16/06	ND		ug/l	1	C-11S	Arochlor 1248
5/16/06	ND		ug/l	1	C-11S	Arochlor 1254
5/16/06	ND		ug/l	1	C-11S	Arochlor 1260
5/16/06		0.021	mg/l	0.001	C-11S	Arsenic, dissolved
5/16/06	ND		ug/l	0.95	C-11S	Azinphos Methyl
5/16/06		0.23	mg/l	0.04	C-11S	Barium, dissolved
6/18/02	ND		ug/l	1	C-11S	Benzene
12/11/02	ND		ug/l	0.5	C-11S	Benzene
6/5/03	ND		ug/l	0.5	C-11S	Benzene
12/10/03	ND		ug/l	0.5	C-11S	Benzene
6/14/04	ND		ug/l	0.5	C-11S	Benzene
12/13/04	ND		ug/l	0.5	C-11S	Benzene
6/21/05	ND		ug/l	0.5	C-11S	Benzene
12/13/05	ND		ug/l	0.5	C-11S	Benzene
5/16/06	ND		ug/l	0.5	C-11S	Benzene
11/13/06	ND		ug/l	0.5	C-11S	Benzene
5/22/07	ND		ug/l	0.5	C-11S	Benzene
5/16/06	ND		ug/l	10	C-11S	Benzo(a)anthracene (Benzanthracene)
5/16/06	ND		ug/l	10	C-11S	Benzo(a)pyrene
5/16/06	ND		ug/l	10	C-11S	Benzo(b)fluoranthene
5/16/06	ND		ug/l	10	C-11S	Benzo(g,h,i)perylene
5/16/06	ND		ug/l	5	C-11S	Benzyl alcohol
5/16/06	ND		mg/l	0.005	C-11S	Beryllium, dissolved
6/14/04		360	mg/l	5	C-11S	Bicarbonate
12/13/04		360	mg/l	10	C-11S	Bicarbonate
6/21/05		390	mg/l	5	C-11S	Bicarbonate
12/13/05		440	mg/l	5	C-11S	Bicarbonate
5/16/06		330	mg/l	5	C-11S	Bicarbonate
11/13/06		370	mg/l	5	C-11S	Bicarbonate
5/22/07		300	mg/l	2	C-11S	Bicarbonate
5/16/06	ND		ug/l	0.47	C-11S	Bolstar
12/11/02	ND		ug/l	0.5	C-11S	Bromobenzene
6/5/03	ND		ug/l	0.5	C-11S	Bromobenzene
12/10/03	ND		ug/l	0.5	C-11S	Bromobenzene

Well info.xls

6/14/04	ND	ug/l	0.5	C-11S	Bromobenzene
12/13/04	ND	ug/l	0.5	C-11S	Bromobenzene
6/21/05	ND	ug/l	0.5	C-11S	Bromobenzene
12/13/05	ND	ug/l	0.5	C-11S	Bromobenzene
5/16/06	ND	ug/l	0.5	C-11S	Bromobenzene
11/13/06	ND	ug/l	0.5	C-11S	Bromobenzene
5/22/07	ND	ug/l	0.5	C-11S	Bromobenzene
6/18/02	ND	ug/l	1	C-11S	Bromochloromethane (Chlorobromomethane)
12/11/02	ND	ug/l	0.5	C-11S	Bromochloromethane (Chlorobromomethane)
6/5/03	ND	ug/l	0.5	C-11S	Bromochloromethane (Chlorobromomethane)
12/10/03	ND	ug/l	0.5	C-11S	Bromochloromethane (Chlorobromomethane)
6/14/04	ND	ug/l	0.5	C-11S	Bromochloromethane (Chlorobromomethane)
12/13/04	ND	ug/l	0.5	C-11S	Bromochloromethane (Chlorobromomethane)
6/21/05	ND	ug/l	0.5	C-11S	Bromochloromethane (Chlorobromomethane)
12/13/05	ND	ug/l	1	C-11S	Bromochloromethane (Chlorobromomethane)
5/16/06	ND	ug/l	1	C-11S	Bromochloromethane (Chlorobromomethane)
11/13/06	ND	ug/l	1	C-11S	Bromochloromethane (Chlorobromomethane)
5/22/07	ND	ug/l	1	C-11S	Bromochloromethane (Chlorobromomethane)
6/18/02	ND	ug/l	1	C-11S	Bromodichloromethane (Dichlorobromomethane)
12/11/02	ND	ug/l	0.5	C-11S	Bromodichloromethane (Dichlorobromomethane)
6/5/03	ND	ug/l	0.5	C-11S	Bromodichloromethane (Dichlorobromomethane)
12/10/03	ND	ug/l	0.5	C-11S	Bromodichloromethane (Dichlorobromomethane)
6/14/04	ND	ug/l	0.5	C-11S	Bromodichloromethane (Dichlorobromomethane)
12/13/04	ND	ug/l	0.5	C-11S	Bromodichloromethane (Dichlorobromomethane)
6/21/05	ND	ug/l	0.5	C-11S	Bromodichloromethane (Dichlorobromomethane)
12/13/05	ND	ug/l	0.5	C-11S	Bromodichloromethane (Dichlorobromomethane)
5/16/06	ND	ug/l	0.5	C-11S	Bromodichloromethane (Dichlorobromomethane)
11/13/06	ND	ug/l	0.5	C-11S	Bromodichloromethane (Dichlorobromomethane)
5/22/07	ND	ug/l	0.5	C-11S	Bromodichloromethane (Dichlorobromomethane)
6/18/02	ND	ug/l	1	C-11S	Bromoform (Tribromomethane)
12/11/02	ND	ug/l	0.5	C-11S	Bromoform (Tribromomethane)
6/5/03	ND	ug/l	0.5	C-11S	Bromoform (Tribromomethane)
12/10/03	ND	ug/l	0.5	C-11S	Bromoform (Tribromomethane)
6/14/04	ND	ug/l	0.5	C-11S	Bromoform (Tribromomethane)
12/13/04	ND	ug/l	0.5	C-11S	Bromoform (Tribromomethane)
6/21/05	ND	ug/l	0.5	C-11S	Bromoform (Tribromomethane)

12/13/05	ND	ug/l	0.5	C-11S	Bromoform (Tribromomethane)
5/16/06	ND	ug/l	0.5	C-11S	Bromoform (Tribromomethane)
11/13/06	ND	ug/l	0.5	C-11S	Bromoform (Tribromomethane)
5/22/07	ND	ug/l	1	C-11S	Bromoform (Tribromomethane)
6/18/02	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
12/11/02	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
6/5/03	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
12/10/03	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
6/14/04	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
12/13/04	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
6/21/05	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
12/13/05	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
5/16/06	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
11/13/06	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
5/22/07	ND	ug/l	1	C-11S	Bromomethane (Methyl bromide)
5/16/06	ND	ug/l	10	C-11S	Butyl benzyl phthalate (Benzyl butyl phthalate)
5/16/06	ND	mg/l	0.01	C-11S	Cadmium, dissolved
6/18/02	ND	ug/l	10	C-11S	Carbon disulfide
12/11/02	ND	ug/l	0.5	C-11S	Carbon disulfide
6/5/03	ND	ug/l	0.5	C-11S	Carbon disulfide
12/10/03	ND	ug/l	0.5	C-11S	Carbon disulfide
6/14/04	ND	ug/l	0.5	C-11S	Carbon disulfide
12/13/04	ND	ug/l	0.5	C-11S	Carbon disulfide
6/21/05	ND	ug/l	0.5	C-11S	Carbon disulfide
12/13/05	ND	ug/l	0.5	C-11S	Carbon disulfide
5/16/06	ND	ug/l	0.5	C-11S	Carbon disulfide
11/13/06	ND	ug/l	0.5	C-11S	Carbon disulfide
5/22/07	ND	ug/l	0.5	C-11S	Carbon disulfide
6/18/02	ND	ug/l	1	C-11S	Carbon tetrachloride
12/11/02	ND	ug/l	0.5	C-11S	Carbon tetrachloride
6/5/03	ND	ug/l	0.5	C-11S	Carbon tetrachloride
12/10/03	ND	ug/l	0.5	C-11S	Carbon tetrachloride
6/14/04	ND	ug/l	0.5	C-11S	Carbon tetrachloride
12/13/04	ND	ug/l	0.5	C-11S	Carbon tetrachloride
6/21/05	ND	ug/l	0.5	C-11S	Carbon tetrachloride
12/13/05	ND	ug/l	0.5	C-11S	Carbon tetrachloride

5/16/06	ND		ug/l	0.5	C-11S	Carbon tetrachloride
11/13/06	ND		ug/l	0.5	C-11S	Carbon tetrachloride
5/22/07	ND		ug/l	0.5	C-11S	Carbon tetrachloride
5/16/06	ND		mg/l	5	C-11S	Carbonate
6/18/02		24	mg/l	20	C-11S	Chemical Oxygen Demand (COD)
12/11/02		36	mg/l	20	C-11S	Chemical Oxygen Demand (COD)
6/5/03		22	mg/l	20	C-11S	Chemical Oxygen Demand (COD)
12/10/03	TR		mg/l	20	C-11S	Chemical Oxygen Demand (COD)
6/14/04	TR		mg/l	20	C-11S	Chemical Oxygen Demand (COD)
12/13/04	TR		mg/l	20	C-11S	Chemical Oxygen Demand (COD)
6/21/05		34	mg/l	20	C-11S	Chemical Oxygen Demand (COD)
12/13/05		29	mg/l	20	C-11S	Chemical Oxygen Demand (COD)
5/16/06	TR		mg/l	20	C-11S	Chemical Oxygen Demand (COD)
11/13/06		51	mg/l	20	C-11S	Chemical Oxygen Demand (COD)
5/22/07		32	mg/l	20	C-11S	Chemical Oxygen Demand (COD)
5/16/06	ND		ug/l	0.971	C-11S	Chlordane
6/18/02		33	mg/l	2	C-11S	Chloride
12/11/02		47	mg/l	2	C-11S	Chloride
6/5/03		41	mg/l	2	C-11S	Chloride
12/10/03		40	mg/l	2	C-11S	Chloride
6/14/04		46	mg/l	2	C-11S	Chloride
12/13/04		39	mg/l	2	C-11S	Chloride
6/21/05		38	mg/l	2	C-11S	Chloride
12/13/05		45	mg/l	2	C-11S	Chloride
5/16/06		57	mg/l	2	C-11S	Chloride
11/13/06		52	mg/l	2.5	C-11S	Chloride
5/22/07		39	mg/l	5	C-11S	Chloride
6/18/02	ND		ug/l	1	C-11S	Chlorobenzene
12/11/02	ND		ug/l	0.5	C-11S	Chlorobenzene
6/5/03	ND		ug/l	0.5	C-11S	Chlorobenzene
12/10/03	ND		ug/l	0.5	C-11S	Chlorobenzene
6/14/04	ND		ug/l	0.5	C-11S	Chlorobenzene
12/13/04	ND		ug/l	0.5	C-11S	Chlorobenzene
6/21/05	ND		ug/l	0.5	C-11S	Chlorobenzene
12/13/05	ND		ug/l	0.5	C-11S	Chlorobenzene
5/16/06	ND		ug/l	0.5	C-11S	Chlorobenzene

11/13/06	ND		ug/l	0.5	C-11S	Chlorobenzene
5/22/07	ND		ug/l	0.5	C-11S	Chlorobenzene
5/16/06	ND		ug/l	10	C-11S	Chlorobenzilate
6/18/02	TR		ug/l	1	C-11S	Chloroethane (Ethyl chloride)
12/11/02	TR		ug/l	0.5	C-11S	Chloroethane (Ethyl chloride)
6/5/03	ND		ug/l	0.5	C-11S	Chloroethane (Ethyl chloride)
12/10/03	ND		ug/l	1	C-11S	Chloroethane (Ethyl chloride)
6/14/04	ND		ug/l	1	C-11S	Chloroethane (Ethyl chloride)
12/13/04	ND		ug/l	1	C-11S	Chloroethane (Ethyl chloride)
6/21/05	ND		ug/l	1	C-11S	Chloroethane (Ethyl chloride)
12/13/05	ND		ug/l	1	C-11S	Chloroethane (Ethyl chloride)
5/16/06	ND		ug/l	1	C-11S	Chloroethane (Ethyl chloride)
11/13/06	ND		ug/l	1	C-11S	Chloroethane (Ethyl chloride)
5/22/07	ND		ug/l	1	C-11S	Chloroethane (Ethyl chloride)
6/18/02	ND		ug/l	1	C-11S	Chloroform (Trichloromethane)
12/11/02	ND		ug/l	0.5	C-11S	Chloroform (Trichloromethane)
6/5/03	ND		ug/l	0.5	C-11S	Chloroform (Trichloromethane)
12/10/03	ND		ug/l	0.5	C-11S	Chloroform (Trichloromethane)
6/14/04	ND		ug/l	0.5	C-11S	Chloroform (Trichloromethane)
12/13/04	ND		ug/l	0.5	C-11S	Chloroform (Trichloromethane)
6/21/05	ND		ug/l	0.5	C-11S	Chloroform (Trichloromethane)
12/13/05	ND		ug/l	0.5	C-11S	Chloroform (Trichloromethane)
5/16/06	ND		ug/l	0.5	C-11S	Chloroform (Trichloromethane)
11/13/06	ND		ug/l	0.5	C-11S	Chloroform (Trichloromethane)
5/22/07	ND		ug/l	0.5	C-11S	Chloroform (Trichloromethane)
6/18/02	TR		ug/l	1	C-11S	Chloromethane (Methyl chloride)
12/11/02	ND		ug/l	0.5	C-11S	Chloromethane (Methyl chloride)
6/5/03	ND		ug/l	0.5	C-11S	Chloromethane (Methyl chloride)
12/10/03	ND		ug/l	1	C-11S	Chloromethane (Methyl chloride)
6/14/04	ND		ug/l	1	C-11S	Chloromethane (Methyl chloride)
12/13/04	TR		ug/l	1	C-11S	Chloromethane (Methyl chloride)
6/21/05	ND		ug/l	1	C-11S	Chloromethane (Methyl chloride)
12/13/05	ND		ug/l	1	C-11S	Chloromethane (Methyl chloride)
5/16/06	ND		ug/l	1	C-11S	Chloromethane (Methyl chloride)
11/13/06	ND		ug/l	1	C-11S	Chloromethane (Methyl chloride)
5/22/07	ND		ug/l	1	C-11S	Chloromethane (Methyl chloride)

6/18/02	ND	ug/l	5	C-11S	Chloroprene
12/11/02	ND	ug/l	0.5	C-11S	Chloroprene
6/5/03	ND	ug/l	0.5	C-11S	Chloroprene
12/10/03	ND	ug/l	0.5	C-11S	Chloroprene
6/14/04	ND	ug/l	0.5	C-11S	Chloroprene
12/13/04	ND	ug/l	0.5	C-11S	Chloroprene
6/21/05	ND	ug/l	0.5	C-11S	Chloroprene
12/13/05	ND	ug/l	0.5	C-11S	Chloroprene
5/16/06	ND	ug/l	0.5	C-11S	Chloroprene
11/13/06	ND	ug/l	0.5	C-11S	Chloroprene
5/16/06	ND	ug/l	0.47	C-11S	Chlorpyrifos (Dursban)
5/16/06	ND	mg/l	0.005	C-11S	Chromium VI, dissolved
5/16/06	ND	mg/l	0.02	C-11S	Chromium, dissolved
5/16/06	ND	ug/l	10	C-11S	Chrysene
5/16/06	ND	mg/l	0.01	C-11S	Cobalt, dissolved
5/16/06	ND	mg/l	0.02	C-11S	Copper, dissolved
5/16/06	ND	ug/l	0.95	C-11S	Coumaphos
5/16/06	ND	mg/l	0.025	C-11S	Cyanide, dissolved
5/16/06	ND	ug/l	5	C-11S	Dalapon
5/16/06	ND	ug/l	0.47	C-11S	Demeton
5/16/06	ND	ug/l	10	C-11S	Di-n-butyl phthalate
5/16/06	ND	ug/l	5	C-11S	Di-n-octyl phthalate
5/16/06	ND	ug/l	10	C-11S	Diallate
5/16/06	ND	ug/l	0.47	C-11S	Diazinon
5/16/06	ND	ug/l	10	C-11S	Dibenzo(a,h)anthracene
5/16/06	ND	ug/l	10	C-11S	Dibenzofuran
6/18/02	ND	ug/l	1	C-11S	Dibromochloromethane (Chlorodibromomethane)
12/11/02	ND	ug/l	0.5	C-11S	Dibromochloromethane (Chlorodibromomethane)
6/5/03	ND	ug/l	0.5	C-11S	Dibromochloromethane (Chlorodibromomethane)
12/10/03	ND	ug/l	0.5	C-11S	Dibromochloromethane (Chlorodibromomethane)
6/14/04	ND	ug/l	0.5	C-11S	Dibromochloromethane (Chlorodibromomethane)
12/13/04	ND	ug/l	0.5	C-11S	Dibromochloromethane (Chlorodibromomethane)
6/21/05	ND	ug/l	0.5	C-11S	Dibromochloromethane (Chlorodibromomethane)
12/13/05	ND	ug/l	0.5	C-11S	Dibromochloromethane (Chlorodibromomethane)
5/16/06	ND	ug/l	0.5	C-11S	Dibromochloromethane (Chlorodibromomethane)
11/13/06	ND	ug/l	0.5	C-11S	Dibromochloromethane (Chlorodibromomethane)

Well info.xls

5/22/07	ND	ug/l	0.5	C-11S	Dibromochloromethane (Chlorodibromomethane)
5/16/06	ND	ug/l	1	C-11S	Dicamba (Banval)
6/18/02	ND	ug/l	1	C-11S	Dichlorodifluoromethane (CFC-12)
12/11/02	ND	ug/l	0.5	C-11S	Dichlorodifluoromethane (CFC-12)
6/5/03	ND	ug/l	0.5	C-11S	Dichlorodifluoromethane (CFC-12)
12/10/03	ND	ug/l	0.5	C-11S	Dichlorodifluoromethane (CFC-12)
6/14/04	ND	ug/l	0.5	C-11S	Dichlorodifluoromethane (CFC-12)
12/13/04	ND	ug/l	0.5	C-11S	Dichlorodifluoromethane (CFC-12)
6/21/05	ND	ug/l	0.5	C-11S	Dichlorodifluoromethane (CFC-12)
12/13/05	ND	ug/l	0.5	C-11S	Dichlorodifluoromethane (CFC-12)
5/16/06	ND	ug/l	0.5	C-11S	Dichlorodifluoromethane (CFC-12)
11/13/06	ND	ug/l	0.5	C-11S	Dichlorodifluoromethane (CFC-12)
5/22/07	ND	ug/l	0.5	C-11S	Dichlorodifluoromethane (CFC-12)
5/16/06	ND	ug/l	0.47	C-11S	Dichlorvos (DDVP)
5/16/06	ND	ug/l	0.0971	C-11S	Dieldrin
5/16/06	ND	ug/l	10	C-11S	Diethyl phthalate
5/16/06	ND	ug/l	0.95	C-11S	Dimethoate
5/16/06	ND	ug/l	20	C-11S	Dimethoate
5/16/06	ND	ug/l	10	C-11S	Dimethyl phthalate
5/16/06	ND	ug/l	10	C-11S	Diphenylamine
5/16/06	ND	ug/l	0.47	C-11S	Disulfoton
5/16/06	ND	ug/l	0.0971	C-11S	Endosulfan I
5/16/06	ND	ug/l	0.0971	C-11S	Endosulfan II
5/16/06	ND	ug/l	0.0971	C-11S	Endosulfan sulfate
5/16/06	ND	ug/l	0.0971	C-11S	Endrin
5/16/06	ND	ug/l	0.0971	C-11S	Endrin aldehyde
5/16/06	ND	ug/l	0.0971	C-11S	Endrin ketone
5/16/06	ND	ug/l	0.47	C-11S	Ethion
5/16/06	ND	ug/l	0.47	C-11S	Ethoprop
5/16/06	ND	ug/l	10	C-11S	Ethyl methacrylate
5/16/06	ND	ug/l	20	C-11S	Ethyl methanesulfonate
6/18/02	ND	ug/l	1	C-11S	Ethylbenzene
12/11/02	ND	ug/l	0.5	C-11S	Ethylbenzene
6/5/03	ND	ug/l	0.5	C-11S	Ethylbenzene
12/10/03	ND	ug/l	0.5	C-11S	Ethylbenzene
6/14/04	ND	ug/l	0.5	C-11S	Ethylbenzene

12/13/04	ND		ug/l	0.5	C-11S	Ethylbenzene
6/21/05	ND		ug/l	0.5	C-11S	Ethylbenzene
12/13/05	ND		ug/l	0.5	C-11S	Ethylbenzene
5/16/06	ND		ug/l	0.5	C-11S	Ethylbenzene
11/13/06	ND		ug/l	0.5	C-11S	Ethylbenzene
5/22/07	ND		ug/l	0.5	C-11S	Ethylbenzene
5/16/06	ND		ug/l	0.47	C-11S	Famphur
5/16/06	ND		ug/l	200	C-11S	Famphur
5/16/06	ND		ug/l	0.47	C-11S	Fensulfothion
5/16/06	ND		ug/l	0.47	C-11S	Fenthion
5/16/06	ND		ug/l	10	C-11S	Fluoranthene
5/16/06	ND		ug/l	10	C-11S	Fluorene
6/18/02		430	mg/l	1	C-11S	Hardness
12/11/02		350	mg/l	8	C-11S	Hardness
6/5/03		350	mg/l	4.6	C-11S	Hardness
12/10/03		330	mg/l	4	C-11S	Hardness
5/16/06	ND		ug/l	0.0971	C-11S	Heptachlor
5/16/06	ND		ug/l	0.0971	C-11S	Heptachlor epoxide
5/16/06	ND		ug/l	5	C-11S	Hexachlorobenzene
6/18/02	ND		ug/l	1	C-11S	Hexachlorobutadiene
12/11/02	ND		ug/l	1	C-11S	Hexachlorobutadiene
6/5/03	ND		ug/l	1	C-11S	Hexachlorobutadiene
12/10/03	ND		ug/l	1	C-11S	Hexachlorobutadiene
6/14/04	ND		ug/l	1	C-11S	Hexachlorobutadiene
12/13/04	ND		ug/l	1	C-11S	Hexachlorobutadiene
6/21/05	ND		ug/l	1	C-11S	Hexachlorobutadiene
12/13/05	ND		ug/l	1	C-11S	Hexachlorobutadiene
5/16/06	ND		ug/l	1	C-11S	Hexachlorobutadiene
5/16/06	ND		ug/l	5	C-11S	Hexachlorobutadiene
11/13/06	ND		ug/l	1	C-11S	Hexachlorobutadiene
5/22/07	ND		ug/l	1	C-11S	Hexachlorobutadiene
5/16/06	ND		ug/l	20	C-11S	Hexachlorocyclopentadiene
5/16/06	ND		ug/l	5	C-11S	Hexachloroethane
5/16/06	ND		ug/l	10	C-11S	Hexachloropropene
5/16/06	ND		ug/l	10	C-11S	Indeno(1,2,3-cd)pyrene
6/18/02		72	mg/l	0.01	C-11S	Iron, Total

12/11/02		55 mg/l	0.08	C-11S	Iron, Total
6/5/03		58 mg/l	100	C-11S	Iron, Total
12/10/03		52 mg/l	0.04	C-11S	Iron, Total
6/14/04		58 mg/l	0.04	C-11S	Iron, Total
12/13/04		51 mg/l	0.01	C-11S	Iron, Total
6/21/05		57.2 mg/l	0.15	C-11S	Iron, Total
12/13/05		60 mg/l	0.3	C-11S	Iron, Total
5/16/06		38 mg/l	0.3	C-11S	Iron, Total
11/13/06		46 mg/l	0.04	C-11S	Iron, Total
5/22/07		53 mg/l	0.04	C-11S	Iron, Total
5/16/06		35 mg/l	0.3	C-11S	Iron, dissolved
6/18/02	ND	ug/l	500	C-11S	Isobutanol (Isobutyl alcohol)
12/11/02	ND	ug/l	1	C-11S	Isobutanol (Isobutyl alcohol)
6/5/03	ND	ug/l	1	C-11S	Isobutanol (Isobutyl alcohol)
12/10/03	ND	ug/l	5	C-11S	Isobutanol (Isobutyl alcohol)
6/14/04	ND	ug/l	5	C-11S	Isobutanol (Isobutyl alcohol)
12/13/04	ND	ug/l	5	C-11S	Isobutanol (Isobutyl alcohol)
6/21/05	ND	ug/l	5	C-11S	Isobutanol (Isobutyl alcohol)
12/13/05	ND	ug/l	5	C-11S	Isobutanol (Isobutyl alcohol)
5/16/06	ND	ug/l	5	C-11S	Isobutanol (Isobutyl alcohol)
11/13/06	ND	ug/l	5	C-11S	Isobutanol (Isobutyl alcohol)
5/22/07	ND	ug/l	20	C-11S	Isobutanol (Isobutyl alcohol)
5/16/06	ND	ug/l	20	C-11S	Isodrin
5/16/06	ND	ug/l	5	C-11S	Isophorone
12/11/02	ND	ug/l	0.5	C-11S	Isopropylbenzene
6/5/03	ND	ug/l	0.5	C-11S	Isopropylbenzene
12/10/03	ND	ug/l	0.5	C-11S	Isopropylbenzene
12/13/04	ND	ug/l	0.5	C-11S	Isopropylbenzene
6/21/05	ND	ug/l	0.5	C-11S	Isopropylbenzene
12/13/05	ND	ug/l	0.5	C-11S	Isopropylbenzene
5/16/06	ND	ug/l	10	C-11S	Isosafrole
5/16/06	ND	ug/l	200	C-11S	Kepone
5/16/06	TR	mg/l	0.001	C-11S	Lead, dissolved
5/16/06	ND	ug/l	0.47	C-11S	Malathion
5/16/06		0.95 mg/l	0.02	C-11S	Manganese, dissolved
5/16/06	TR	mg/l	0.0002	C-11S	Mercury, dissolved

5/16/06	ND	ug/l	0.47	C-11S	Merphos
6/18/02	ND	ug/l	10	C-11S	Methacrylonitrile
12/11/02	ND	ug/l	1	C-11S	Methacrylonitrile
6/5/03	ND	ug/l	1	C-11S	Methacrylonitrile
12/10/03	ND	ug/l	1	C-11S	Methacrylonitrile
6/14/04	ND	ug/l	1	C-11S	Methacrylonitrile
12/13/04	ND	ug/l	1	C-11S	Methacrylonitrile
6/21/05	ND	ug/l	1	C-11S	Methacrylonitrile
12/13/05	ND	ug/l	1	C-11S	Methacrylonitrile
5/16/06	ND	ug/l	1	C-11S	Methacrylonitrile
11/13/06	ND	ug/l	1	C-11S	Methacrylonitrile
5/22/07	ND	ug/l	2	C-11S	Methacrylonitrile
5/16/06	ND	ug/l	100	C-11S	Methapyrilene
5/16/06	ND	ug/l	0.0971	C-11S	Methoxychlor
5/16/06	ND	ug/l	0.47	C-11S	Methyl Parathion
6/18/02	ND	ug/l	5	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
12/11/02	ND	ug/l	0.5	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
6/5/03	ND	ug/l	0.5	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
12/10/03	ND	ug/l	2	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
6/14/04	ND	ug/l	2	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
12/13/04	ND	ug/l	2	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
6/21/05	ND	ug/l	2	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
12/13/05	ND	ug/l	2	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
5/16/06	ND	ug/l	2	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
11/13/06	ND	ug/l	2	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
5/22/07	ND	ug/l	5	C-11S	Methyl ethyl ketone (MEK; 2-Butanone)
6/18/02	ND	ug/l	5	C-11S	Methyl iodide (Iodomethane)
12/11/02	ND	ug/l	0.5	C-11S	Methyl iodide (Iodomethane)
6/5/03	ND	ug/l	0.5	C-11S	Methyl iodide (Iodomethane)
12/10/03	ND	ug/l	0.5	C-11S	Methyl iodide (Iodomethane)
6/14/04	ND	ug/l	0.5	C-11S	Methyl iodide (Iodomethane)
12/13/04	ND	ug/l	0.5	C-11S	Methyl iodide (Iodomethane)
6/21/05	ND	ug/l	0.5	C-11S	Methyl iodide (Iodomethane)
12/13/05	ND	ug/l	0.5	C-11S	Methyl iodide (Iodomethane)
5/16/06	ND	ug/l	0.5	C-11S	Methyl iodide (Iodomethane)
11/13/06	ND	ug/l	0.5	C-11S	Methyl iodide (Iodomethane)

6/18/02	ND		ug/l	5	C-11S	Methyl methacrylate
12/11/02	ND		ug/l	0.5	C-11S	Methyl methacrylate
6/5/03	ND		ug/l	0.5	C-11S	Methyl methacrylate
12/10/03	ND		ug/l	0.5	C-11S	Methyl methacrylate
12/13/04	ND		ug/l	0.5	C-11S	Methyl methacrylate
6/21/05	ND		ug/l	0.5	C-11S	Methyl methacrylate
12/13/05	ND		ug/l	0.5	C-11S	Methyl methacrylate
5/16/06	ND		ug/l	10	C-11S	Methyl methanesulfonate
6/18/02	TR		ug/l	1	C-11S	Methyl tert butyl ether (MTBE)
12/11/02	TR		ug/l	0.5	C-11S	Methyl tert butyl ether (MTBE)
6/5/03	TR		ug/l	0.5	C-11S	Methyl tert butyl ether (MTBE)
12/10/03		0.6	ug/l	0.5	C-11S	Methyl tert butyl ether (MTBE)
6/14/04		0.52	ug/l	0.5	C-11S	Methyl tert butyl ether (MTBE)
12/13/04	TR		ug/l	0.5	C-11S	Methyl tert butyl ether (MTBE)
6/21/05	ND		ug/l	0.5	C-11S	Methyl tert butyl ether (MTBE)
12/13/05	TR		ug/l	0.5	C-11S	Methyl tert butyl ether (MTBE)
5/16/06		0.61	ug/l	0.5	C-11S	Methyl tert butyl ether (MTBE)
11/13/06	TR		ug/l	0.5	C-11S	Methyl tert butyl ether (MTBE)
5/22/07	TR	0.33	ug/l	0.5	C-11S	Methyl tert butyl ether (MTBE)
6/18/02	ND		ug/l	1	C-11S	Methylene bromide (Dibromomethane)
12/11/02	ND		ug/l	0.5	C-11S	Methylene bromide (Dibromomethane)
6/5/03	ND		ug/l	0.5	C-11S	Methylene bromide (Dibromomethane)
12/10/03	ND		ug/l	0.5	C-11S	Methylene bromide (Dibromomethane)
6/14/04	ND		ug/l	0.5	C-11S	Methylene bromide (Dibromomethane)
12/13/04	ND		ug/l	0.5	C-11S	Methylene bromide (Dibromomethane)
6/21/05	ND		ug/l	0.5	C-11S	Methylene bromide (Dibromomethane)
12/13/05	ND		ug/l	0.5	C-11S	Methylene bromide (Dibromomethane)
5/16/06	ND		ug/l	0.5	C-11S	Methylene bromide (Dibromomethane)
11/13/06	ND		ug/l	0.5	C-11S	Methylene bromide (Dibromomethane)
5/22/07	ND		ug/l	0.5	C-11S	Methylene bromide (Dibromomethane)
6/18/02	ND		ug/l	1	C-11S	Methylene chloride (Dichloromethane)
12/11/02	ND		ug/l	1	C-11S	Methylene chloride (Dichloromethane)
6/5/03	TR		ug/l	1	C-11S	Methylene chloride (Dichloromethane)
12/10/03	ND		ug/l	1	C-11S	Methylene chloride (Dichloromethane)
6/14/04	ND		ug/l	1	C-11S	Methylene chloride (Dichloromethane)
12/13/04	ND		ug/l	1	C-11S	Methylene chloride (Dichloromethane)

6/21/05	ND	ug/l	1	C-11S	Methylene chloride (Dichloromethane)
12/13/05	ND	ug/l	1	C-11S	Methylene chloride (Dichloromethane)
5/16/06	ND	ug/l	5	C-11S	Methylene chloride (Dichloromethane)
11/13/06	ND	ug/l	5	C-11S	Methylene chloride (Dichloromethane)
5/22/07	ND	ug/l	5	C-11S	Methylene chloride (Dichloromethane)
5/16/06	ND	ug/l	0.47	C-11S	Mevinphos (Phosdrin)
5/16/06	ND	ug/l	10	C-11S	N-Nitroso-di-n-butylamine (di-n-Butylnitrosamine)
5/16/06	ND	ug/l	10	C-11S	N-Nitroso-di-n-propylamine
5/16/06	ND	ug/l	20	C-11S	N-Nitrosodimethylamine (Dimethylnitrosamine)
5/16/06	ND	ug/l	5	C-11S	N-Nitrosodiphenylamine (Diphenylnitrosamine)
5/16/06	ND	ug/l	20	C-11S	N-Nitrosopiperidine
5/16/06	ND	ug/l	40	C-11S	N-Nitrosospyrrolidine
5/16/06	ND	ug/l	0.95	C-11S	Naled
6/18/02	ND	ug/l	1	C-11S	Naphthalene
12/11/02	ND	ug/l	1	C-11S	Naphthalene
6/5/03	ND	ug/l	1	C-11S	Naphthalene
12/10/03	ND	ug/l	1	C-11S	Naphthalene
6/14/04	ND	ug/l	1	C-11S	Naphthalene
12/13/04	ND	ug/l	1	C-11S	Naphthalene
6/21/05	ND	ug/l	1	C-11S	Naphthalene
12/13/05	ND	ug/l	1	C-11S	Naphthalene
5/16/06	ND	ug/l	1	C-11S	Naphthalene
5/16/06	ND	ug/l	10	C-11S	Naphthalene
11/13/06	ND	ug/l	1	C-11S	Naphthalene
5/22/07	ND	ug/l	1	C-11S	Naphthalene
5/16/06	ND	mg/l	0.002	C-11S	Nickel, dissolved
6/18/02	ND	mg/l	0.23	C-11S	Nitrate as Nitrogen
12/11/02	ND	mg/l	1	C-11S	Nitrate as Nitrogen
6/5/03	TR	mg/l	0.23	C-11S	Nitrate as Nitrogen
12/10/03	ND	mg/l	0.23	C-11S	Nitrate as Nitrogen
6/14/04	ND	mg/l	0.23	C-11S	Nitrate as Nitrogen
12/13/04	ND	mg/l	0.23	C-11S	Nitrate as Nitrogen
6/21/05	ND	mg/l	0.23	C-11S	Nitrate as Nitrogen
12/13/05	TR	mg/l	0.23	C-11S	Nitrate as Nitrogen
5/16/06	TR	mg/l	0.23	C-11S	Nitrate as Nitrogen
11/13/06	ND	mg/l	0.11	C-11S	Nitrate as Nitrogen

5/22/07	ND		mg/l	0.11	C-11S	Nitrate as Nitrogen
5/16/06	ND		ug/l	5	C-11S	Nitrobenzene
5/16/06	ND		ug/l	0.47	C-11S	Parathion, ethyl
5/16/06	ND		ug/l	10	C-11S	Pentachlorobenzene
5/16/06	ND		ug/l	20	C-11S	Pentachloronitrobenzene (PCNB)
5/16/06	ND		ug/l	20	C-11S	Pentachlorophenol
5/16/06	ND		ug/l	20	C-11S	Phenacetin
5/16/06	ND		ug/l	5	C-11S	Phenanthrene
5/16/06	ND		ug/l	5	C-11S	Phenol
5/16/06	ND		ug/l	0.47	C-11S	Phorate
5/16/06	ND		ug/l	10	C-11S	Phorate
5/16/06	ND		ug/l	10	C-11S	Pronamide
6/18/02	ND		ug/l	100	C-11S	Propionitrile (Ethyl cyanide)
12/11/02	ND		ug/l	5	C-11S	Propionitrile (Ethyl cyanide)
6/5/03	ND		ug/l	5	C-11S	Propionitrile (Ethyl cyanide)
12/10/03	ND		ug/l	5	C-11S	Propionitrile (Ethyl cyanide)
6/14/04	ND		ug/l	5	C-11S	Propionitrile (Ethyl cyanide)
12/13/04	ND		ug/l	5	C-11S	Propionitrile (Ethyl cyanide)
6/21/05	ND		ug/l	5	C-11S	Propionitrile (Ethyl cyanide)
12/13/05	ND		ug/l	5	C-11S	Propionitrile (Ethyl cyanide)
5/16/06	ND		ug/l	5	C-11S	Propionitrile (Ethyl cyanide)
11/13/06	ND		ug/l	5	C-11S	Propionitrile (Ethyl cyanide)
5/22/07	ND		ug/l	20	C-11S	Propionitrile (Ethyl cyanide)
5/16/06	ND		ug/l	5	C-11S	Pyrene
5/16/06	ND		ug/l	0.47	C-11S	Ronnel
5/16/06	ND		ug/l	10	C-11S	Safrole
5/16/06	TR		mg/l	0.002	C-11S	Selenium, dissolved
5/16/06	ND		mg/l	0.01	C-11S	Silver, dissolved
6/18/02		890	umhos/cm	10	C-11S	Specific Conductance
12/11/02		790	umhos/cm	10	C-11S	Specific Conductance
6/5/03		840	umhos/cm	10	C-11S	Specific Conductance
12/10/03		690	umhos/cm	10	C-11S	Specific Conductance
6/14/04		800	umhos/cm	10	C-11S	Specific Conductance
12/13/04		890	umhos/cm	10	C-11S	Specific Conductance
6/21/05		770	umhos/cm	10	C-11S	Specific Conductance
12/13/05		650	umhos/cm	10	C-11S	Specific Conductance

5/16/06		780	umhos/cm	10	C-11S	Specific Conductance
11/13/06		880	umhos/cm	10	C-11S	Specific Conductance
5/22/07		800	umhos/cm	1	C-11S	Specific Conductance
5/16/06	ND		ug/l	0.95	C-11S	Stirophos
6/18/02	ND		ug/l	1	C-11S	Styrene
12/11/02	ND		ug/l	0.5	C-11S	Styrene
6/5/03	ND		ug/l	0.5	C-11S	Styrene
12/10/03	ND		ug/l	0.5	C-11S	Styrene
6/14/04	ND		ug/l	0.5	C-11S	Styrene
12/13/04	ND		ug/l	0.5	C-11S	Styrene
6/21/05	ND		ug/l	0.5	C-11S	Styrene
12/13/05	ND		ug/l	0.5	C-11S	Styrene
5/16/06	ND		ug/l	0.5	C-11S	Styrene
11/13/06	ND		ug/l	0.5	C-11S	Styrene
5/22/07	ND		ug/l	0.5	C-11S	Styrene
6/18/02		6.8	mg/l	2	C-11S	Sulfate
12/11/02	TR		mg/l	2	C-11S	Sulfate
6/5/03	TR		mg/l	2	C-11S	Sulfate
12/10/03	ND		mg/l	2	C-11S	Sulfate
6/14/04	TR		mg/l	2	C-11S	Sulfate
12/13/04	ND		mg/l	2	C-11S	Sulfate
6/21/05	ND		mg/l	2	C-11S	Sulfate
12/13/05	ND		mg/l	2	C-11S	Sulfate
5/16/06	ND		mg/l	2	C-11S	Sulfate
11/13/06	TR		mg/l	0.5	C-11S	Sulfate
5/22/07		5.9	mg/l	0.5	C-11S	Sulfate
5/16/06	ND		mg/l	0.1	C-11S	Sulfide
6/18/02		520	mg/l	5	C-11S	TDS
12/11/02		490	mg/l	5	C-11S	TDS
6/5/03		430	mg/l	5	C-11S	TDS
12/10/03		430	mg/l	5	C-11S	TDS
6/14/04		450	mg/l	5	C-11S	TDS
12/13/04		440	mg/l	5	C-11S	TDS
6/21/05		500	mg/l	5	C-11S	TDS
12/13/05		460	mg/l	5	C-11S	TDS
5/16/06		960	mg/l	5	C-11S	TDS

11/13/06		490	mg/l	5	C-11S	TDS
5/22/07		380	mg/l	10	C-11S	TDS
5/16/06		6.7	mg/l	1	C-11S	TOC
6/19/02		19	oC		C-11S	Temperature
12/11/02		18.4	oC		C-11S	Temperature
6/5/03		20.3	oC		C-11S	Temperature
12/10/03		19.4	oC		C-11S	Temperature
6/14/04		23.7	oC		C-11S	Temperature
12/13/04		19.4	oC		C-11S	Temperature
6/21/05		20.9	oC		C-11S	Temperature
12/13/05		20.7	oC		C-11S	Temperature
5/16/06		23	oC		C-11S	Temperature
11/13/06		21.1	oC		C-11S	Temperature
5/22/07		20.6	oC		C-11S	Temperature
6/14/04	ND		ug/l	0.5	C-11S	Tert-Amyl methyl ether
12/13/04	ND		ug/l	0.5	C-11S	Tert-Amyl methyl ether
6/21/05	ND		ug/l	0.5	C-11S	Tert-Amyl methyl ether
12/13/05	ND		ug/l	0.5	C-11S	Tert-Amyl methyl ether
5/16/06	ND		ug/l	0.5	C-11S	Tert-Amyl methyl ether
11/13/06	ND		ug/l	0.5	C-11S	Tert-Amyl methyl ether
5/22/07	ND		ug/l	0.5	C-11S	Tert-Amyl methyl ether
6/14/04		9.4	ug/l	5	C-11S	Tert-Butyl alcohol
12/13/04	ND		ug/l	5	C-11S	Tert-Butyl alcohol
6/21/05	ND		ug/l	5	C-11S	Tert-Butyl alcohol
12/13/05	ND		ug/l	5	C-11S	Tert-Butyl alcohol
5/16/06		23	ug/l	5	C-11S	Tert-Butyl alcohol
11/13/06		9	ug/l	5	C-11S	Tert-Butyl alcohol
5/22/07	TR	7.2	ug/l	10	C-11S	Tert-Butyl alcohol
6/18/02	ND		ug/l	1	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)
12/11/02	ND		ug/l	0.5	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)
6/5/03	ND		ug/l	0.5	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)
12/10/03	ND		ug/l	0.5	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)
6/14/04	ND		ug/l	0.5	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)
12/13/04	ND		ug/l	0.5	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)
6/21/05	ND		ug/l	0.5	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)
12/13/05	ND		ug/l	0.5	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)

5/16/06	ND		ug/l	0.5	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)
11/13/06	ND		ug/l	0.5	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)
5/22/07	ND		ug/l	0.5	C-11S	Tetrachloroethylene (Tetrachloroethene; PCE)
5/16/06	ND		mg/l	0.001	C-11S	Thallium, dissolved
5/16/06	ND		ug/l	0.47	C-11S	Thionazin
5/16/06	TR		mg/l	0.1	C-11S	Tin, dissolved
5/16/06	ND		ug/l	0.47	C-11S	Tokuthion
6/18/02	TR		ug/l	1	C-11S	Toluene
12/11/02	ND		ug/l	0.5	C-11S	Toluene
6/5/03	ND		ug/l	0.5	C-11S	Toluene
12/10/03	ND		ug/l	0.5	C-11S	Toluene
6/14/04	ND		ug/l	0.5	C-11S	Toluene
12/13/04	ND		ug/l	0.5	C-11S	Toluene
6/21/05	ND		ug/l	0.5	C-11S	Toluene
12/13/05	ND		ug/l	0.5	C-11S	Toluene
5/16/06	ND		ug/l	0.5	C-11S	Toluene
11/13/06	ND		ug/l	0.5	C-11S	Toluene
5/22/07	ND		ug/l	0.5	C-11S	Toluene
6/14/04		37	mg/l	5	C-11S	Total Alkalinity
12/13/04		360	mg/l	10	C-11S	Total Alkalinity
6/21/05		390	mg/l	5	C-11S	Total Alkalinity
12/13/05		440	mg/l	5	C-11S	Total Alkalinity
5/16/06		330	mg/l	5	C-11S	Total Alkalinity
5/16/06		330	mg/l	5	C-11S	Total Alkalinity
11/13/06		370	mg/l	5	C-11S	Total Alkalinity
5/16/06	ND		ug/l	2.43	C-11S	Toxaphene
6/18/02	ND		ug/l	1	C-11S	Trichloroethylene (Trichloroethene; TCE)
12/11/02	ND		ug/l	0.5	C-11S	Trichloroethylene (Trichloroethene; TCE)
6/5/03	ND		ug/l	0.5	C-11S	Trichloroethylene (Trichloroethene; TCE)
12/10/03	ND		ug/l	0.5	C-11S	Trichloroethylene (Trichloroethene; TCE)
6/14/04	ND		ug/l	0.5	C-11S	Trichloroethylene (Trichloroethene; TCE)
12/13/04	ND		ug/l	0.5	C-11S	Trichloroethylene (Trichloroethene; TCE)
6/21/05	ND		ug/l	0.5	C-11S	Trichloroethylene (Trichloroethene; TCE)
12/13/05	ND		ug/l	0.5	C-11S	Trichloroethylene (Trichloroethene; TCE)
5/16/06	ND		ug/l	0.5	C-11S	Trichloroethylene (Trichloroethene; TCE)
11/13/06	ND		ug/l	0.5	C-11S	Trichloroethylene (Trichloroethene; TCE)

Well info.xls

5/22/07	ND		ug/l	0.5	C-11S	Trichloroethylene (Trichloroethene; TCE)
6/18/02	ND		ug/l	1	C-11S	Trichlorofluoromethane (CFC-11)
12/11/02	ND		ug/l	0.5	C-11S	Trichlorofluoromethane (CFC-11)
6/5/03	ND		ug/l	0.5	C-11S	Trichlorofluoromethane (CFC-11)
12/10/03	ND		ug/l	0.5	C-11S	Trichlorofluoromethane (CFC-11)
6/14/04	ND		ug/l	0.5	C-11S	Trichlorofluoromethane (CFC-11)
12/13/04	ND		ug/l	0.5	C-11S	Trichlorofluoromethane (CFC-11)
6/21/05	ND		ug/l	0.5	C-11S	Trichlorofluoromethane (CFC-11)
12/13/05	ND		ug/l	0.5	C-11S	Trichlorofluoromethane (CFC-11)
5/16/06	ND		ug/l	0.5	C-11S	Trichlorofluoromethane (CFC-11)
11/13/06	ND		ug/l	0.5	C-11S	Trichlorofluoromethane (CFC-11)
5/22/07	ND		ug/l	0.5	C-11S	Trichlorofluoromethane (CFC-11)
5/16/06	ND		ug/l	0.47	C-11S	Trichloronate
6/18/02		380	NTU	20	C-11S	Turbidity
12/11/02		99	NTU	2	C-11S	Turbidity
6/5/03		220	NTU	4	C-11S	Turbidity
12/10/03		3.6	NTU	0.2	C-11S	Turbidity
6/14/04		300	NTU	10	C-11S	Turbidity
12/13/04		110	NTU	2	C-11S	Turbidity
6/21/05		150	NTU	2	C-11S	Turbidity
12/13/05		20	NTU	2	C-11S	Turbidity
5/16/06		180	NTU	2	C-11S	Turbidity
11/13/06		67	NTU	1	C-11S	Turbidity
5/22/07		260	NTU	20	C-11S	Turbidity
5/16/06	ND		mg/l	0.02	C-11S	Vanadium, dissolved
6/18/02	ND		ug/l	20	C-11S	Vinyl acetate
12/11/02	ND		ug/l	2	C-11S	Vinyl acetate
6/5/03	ND		ug/l	2	C-11S	Vinyl acetate
12/10/03	ND		ug/l	2	C-11S	Vinyl acetate
12/13/04	ND		ug/l	2	C-11S	Vinyl acetate
6/21/05	ND		ug/l	2	C-11S	Vinyl acetate
12/13/05	ND		ug/l	2	C-11S	Vinyl acetate
6/18/02	TR		ug/l	1	C-11S	Vinyl chloride (chloroethylene; chloroethene)
12/11/02	TR		ug/l	0.5	C-11S	Vinyl chloride (chloroethylene; chloroethene)
6/5/03		0.56	ug/l	0.5	C-11S	Vinyl chloride (chloroethylene; chloroethene)
12/10/03		0.61	ug/l	0.5	C-11S	Vinyl chloride (chloroethylene; chloroethene)

6/14/04	TR		ug/l	0.5	C-11S	Vinyl chloride (chloroethylene; chloroethene)
12/13/04		0.76	ug/l	0.5	C-11S	Vinyl chloride (chloroethylene; chloroethene)
6/21/05		0.94	ug/l	0.5	C-11S	Vinyl chloride (chloroethylene; chloroethene)
12/13/05		0.57	ug/l	0.5	C-11S	Vinyl chloride (chloroethylene; chloroethene)
5/16/06	TR		ug/l	0.5	C-11S	Vinyl chloride (chloroethylene; chloroethene)
11/13/06	TR		ug/l	0.5	C-11S	Vinyl chloride (chloroethylene; chloroethene)
5/22/07	ND		ug/l	0.5	C-11S	Vinyl chloride (chloroethylene; chloroethene)
6/18/02	ND		ug/l	1	C-11S	Xylene (total)
12/11/02	ND		ug/l	0.5	C-11S	Xylene (total)
6/5/03	ND		ug/l	0.5	C-11S	Xylene (total)
12/10/03	ND		ug/l	0.5	C-11S	Xylene (total)
6/14/04	ND		ug/l	0.5	C-11S	Xylene (total)
12/13/04	ND		ug/l	0.5	C-11S	Xylene (total)
6/21/05	ND		ug/l	0.5	C-11S	Xylene (total)
12/13/05	ND		ug/l	1	C-11S	Xylene (total)
5/16/06	ND		ug/l	1	C-11S	Xylene (total)
11/13/06	ND		ug/l	1	C-11S	Xylene (total)
5/22/07	ND		ug/l	1.5	C-11S	Xylene (total)
5/16/06		0.05	mg/l	0.05	C-11S	Zinc, dissolved
5/16/06	ND		ug/l	0.0971	C-11S	alpha-BHC
5/16/06	ND		ug/l	0.0971	C-11S	alpha-Chlordane
5/16/06	ND		ug/l	0.0971	C-11S	beta-BHC
5/16/06	ND		ug/l	5	C-11S	bis(2-Chloroethoxy)methane
5/16/06	ND		ug/l	5	C-11S	bis(2-Chloroethyl) ether (Dichloroethyl ether)
5/16/06	ND		ug/l	10	C-11S	bis(2-Chloroisopropyl) ether
5/16/06	ND		ug/l	5	C-11S	bis(2-Ethylhexyl) phthalate
6/18/02	TR		ug/l	1	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
12/11/02	ND		ug/l	0.5	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
6/5/03	ND		ug/l	0.5	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
12/10/03	ND		ug/l	0.5	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
6/14/04	TR		ug/l	0.5	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
12/13/04	ND		ug/l	0.5	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
6/21/05	ND		ug/l	0.5	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
12/13/05	TR		ug/l	0.5	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
5/16/06	TR		ug/l	0.5	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
11/13/06	ND		ug/l	0.5	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)

Well info.xls

5/22/07	ND		ug/l	0.5	C-11S	cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
6/18/02	ND		ug/l	1	C-11S	cis-1,3-Dichloropropene
12/11/02	ND		ug/l	0.5	C-11S	cis-1,3-Dichloropropene
6/5/03	ND		ug/l	0.5	C-11S	cis-1,3-Dichloropropene
12/10/03	ND		ug/l	0.5	C-11S	cis-1,3-Dichloropropene
6/14/04	ND		ug/l	0.5	C-11S	cis-1,3-Dichloropropene
12/13/04	ND		ug/l	0.5	C-11S	cis-1,3-Dichloropropene
6/21/05	ND		ug/l	0.5	C-11S	cis-1,3-Dichloropropene
12/13/05	ND		ug/l	0.5	C-11S	cis-1,3-Dichloropropene
5/16/06	ND		ug/l	0.5	C-11S	cis-1,3-Dichloropropene
11/13/06	ND		ug/l	0.5	C-11S	cis-1,3-Dichloropropene
5/22/07	ND		ug/l	0.5	C-11S	cis-1,3-Dichloropropene
5/16/06	ND		ug/l	0.0971	C-11S	delta-BHC
6/14/04	ND		ug/l	0.5	C-11S	di-Isopropyl ether
12/13/04	ND		ug/l	0.5	C-11S	di-Isopropyl ether
6/21/05	ND		ug/l	0.5	C-11S	di-Isopropyl ether
12/13/05	ND		ug/l	0.5	C-11S	di-Isopropyl ether
5/16/06	ND		ug/l	0.5	C-11S	di-Isopropyl ether
11/13/06	ND		ug/l	0.5	C-11S	di-Isopropyl ether
5/22/07	ND		ug/l	0.5	C-11S	di-Isopropyl ether
5/16/06	ND		ug/l	0.0971	C-11S	gamma-BHC (Lindane)
5/16/06	ND		ug/l	0.0971	C-11S	gamma-Chlordane
5/16/06	ND		ug/l	10	C-11S	m-Cresol (3-Methylphenol)
5/16/06	ND		ug/l	20	C-11S	m-Dinitrobenzene
12/11/02	ND		ug/l	0.5	C-11S	n-Butylbenzene
6/5/03	ND		ug/l	0.5	C-11S	n-Butylbenzene
12/10/03	ND		ug/l	0.5	C-11S	n-Butylbenzene
6/14/04	ND		ug/l	0.5	C-11S	n-Butylbenzene
12/13/04	ND		ug/l	0.5	C-11S	n-Butylbenzene
6/21/05	ND		ug/l	0.5	C-11S	n-Butylbenzene
12/13/05	ND		ug/l	0.5	C-11S	n-Butylbenzene
5/16/06	ND		ug/l	0.5	C-11S	n-Butylbenzene
5/16/06	ND		ug/l	10	C-11S	n-Butylbenzene
11/13/06	ND		ug/l	0.5	C-11S	n-Butylbenzene
5/22/07	ND		ug/l	0.5	C-11S	n-Butylbenzene
5/16/06	ND		ug/l	20	C-11S	n-Nitrosodiethylamine

12/11/02	ND		ug/l	0.5	C-11S	n-Propyl benzene
6/5/03	ND		ug/l	0.5	C-11S	n-Propyl benzene
12/10/03	ND		ug/l	0.5	C-11S	n-Propyl benzene
6/14/04	ND		ug/l	0.5	C-11S	n-Propyl benzene
12/13/04	ND		ug/l	0.5	C-11S	n-Propyl benzene
6/21/05	ND		ug/l	0.5	C-11S	n-Propyl benzene
12/13/05	ND		ug/l	0.5	C-11S	n-Propyl benzene
5/16/06	ND		ug/l	0.5	C-11S	n-Propyl benzene
11/13/06	ND		ug/l	0.5	C-11S	n-Propyl benzene
5/22/07	ND		ug/l	0.5	C-11S	n-Propyl benzene
5/16/06	ND		ug/l	10	C-11S	o-Toluidine
5/16/06	ND		ug/l	10	C-11S	p-(Dimethylamino)azobenzene
5/16/06	ND		ug/l	50	C-11S	p-Phenylenediamine
6/18/02		6.63	pH Units	2	C-11S	pH
12/11/02		6.67	pH Units	2	C-11S	pH
6/5/03		6.6	pH Units	1	C-11S	pH
12/10/03		6.61	pH Units	1	C-11S	pH
6/14/04		6.63	pH Units	1	C-11S	pH
12/13/04		6.58	pH Units	1	C-11S	pH
6/21/05		6.65	pH Units	1	C-11S	pH
12/13/05		6.72	pH Units	1	C-11S	pH
5/16/06		6.71	pH Units	1	C-11S	pH
11/13/06		6.29	pH Units	1	C-11S	pH
5/22/07		6.75	pH Units	0	C-11S	pH
12/11/02	ND		ug/l	0.5	C-11S	sec-Butylbenzene
6/5/03	ND		ug/l	0.5	C-11S	sec-Butylbenzene
12/10/03	ND		ug/l	0.5	C-11S	sec-Butylbenzene
6/14/04	ND		ug/l	0.5	C-11S	sec-Butylbenzene
12/13/04	ND		ug/l	0.5	C-11S	sec-Butylbenzene
6/21/05	ND		ug/l	0.5	C-11S	sec-Butylbenzene
12/13/05	ND		ug/l	0.5	C-11S	sec-Butylbenzene
5/16/06	ND		ug/l	0.5	C-11S	sec-Butylbenzene
11/13/06	ND		ug/l	0.5	C-11S	sec-Butylbenzene
5/22/07	ND		ug/l	0.5	C-11S	sec-Butylbenzene
5/16/06	ND		ug/l	10	C-11S	sym-Trinitrobenzene
6/14/04	ND		ug/l	0.5	C-11S	tert-Butyl ethyl ether

12/13/04	ND		ug/l	0.5	C-11S	tert-Butyl ethyl ether
6/21/05	ND		ug/l	0.5	C-11S	tert-Butyl ethyl ether
12/13/05	ND		ug/l	0.5	C-11S	tert-Butyl ethyl ether
5/16/06	ND		ug/l	0.5	C-11S	tert-Butyl ethyl ether
11/13/06	ND		ug/l	0.5	C-11S	tert-Butyl ethyl ether
5/22/07	ND		ug/l	0.5	C-11S	tert-Butyl ethyl ether
12/11/02	ND		ug/l	0.5	C-11S	tert-Butylbenzene
6/5/03	ND		ug/l	0.5	C-11S	tert-Butylbenzene
12/10/03	ND		ug/l	0.5	C-11S	tert-Butylbenzene
6/14/04	ND		ug/l	0.5	C-11S	tert-Butylbenzene
12/13/04	ND		ug/l	0.5	C-11S	tert-Butylbenzene
6/21/05	ND		ug/l	0.5	C-11S	tert-Butylbenzene
12/13/05	ND		ug/l	0.5	C-11S	tert-Butylbenzene
5/16/06	ND		ug/l	0.5	C-11S	tert-Butylbenzene
11/13/06	ND		ug/l	0.5	C-11S	tert-Butylbenzene
5/22/07	ND		ug/l	0.5	C-11S	tert-Butylbenzene
6/18/02	ND		ug/l	1	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
12/11/02	ND		ug/l	0.5	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
6/5/03	ND		ug/l	0.5	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
12/10/03	ND		ug/l	0.5	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
6/14/04	ND		ug/l	0.5	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
12/13/04	ND		ug/l	0.5	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
6/21/05	ND		ug/l	0.5	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
12/13/05	ND		ug/l	0.5	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
5/16/06	ND		ug/l	0.5	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
11/13/06	ND		ug/l	0.5	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
5/22/07	ND		ug/l	0.5	C-11S	trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
6/18/02	ND		ug/l	1	C-11S	trans-1,3-Dichloropropene
12/11/02	ND		ug/l	0.5	C-11S	trans-1,3-Dichloropropene
6/5/03	ND		ug/l	0.5	C-11S	trans-1,3-Dichloropropene
12/10/03	ND		ug/l	0.5	C-11S	trans-1,3-Dichloropropene
6/14/04	ND		ug/l	0.5	C-11S	trans-1,3-Dichloropropene
12/13/04	ND		ug/l	0.5	C-11S	trans-1,3-Dichloropropene
6/21/05	ND		ug/l	0.5	C-11S	trans-1,3-Dichloropropene
12/13/05	ND		ug/l	0.5	C-11S	trans-1,3-Dichloropropene
5/16/06	ND		ug/l	0.5	C-11S	trans-1,3-Dichloropropene

11/13/06	ND	ug/l	0.5	C-11S	trans-1,3-Dichloropropene
5/22/07	ND	ug/l	0.5	C-11S	trans-1,3-Dichloropropene
6/18/02	ND	ug/l	20	C-11S	trans-1,4-Dichloro-2-butene
12/11/02	ND	ug/l	0.5	C-11S	trans-1,4-Dichloro-2-butene
6/5/03	ND	ug/l	0.5	C-11S	trans-1,4-Dichloro-2-butene
12/10/03	ND	ug/l	0.5	C-11S	trans-1,4-Dichloro-2-butene
6/14/04	ND	ug/l	0.5	C-11S	trans-1,4-Dichloro-2-butene
12/13/04	ND	ug/l	0.5	C-11S	trans-1,4-Dichloro-2-butene
6/21/05	ND	ug/l	0.5	C-11S	trans-1,4-Dichloro-2-butene
12/13/05	ND	ug/l	0.5	C-11S	trans-1,4-Dichloro-2-butene
5/16/06	ND	ug/l	0.5	C-11S	trans-1,4-Dichloro-2-butene
11/13/06	ND	ug/l	0.5	C-11S	trans-1,4-Dichloro-2-butene
5/22/07	ND	ug/l	5	C-11S	trans-1,4-Dichloro-2-butene
5/17/06	ND	ug/l	10	C-7	0,0,0-Triethyl phosphorothioate
6/18/02	ND	ug/l	1	C-7	1,1,1,2-Tetrachloroethane
12/11/02	ND	ug/l	0.5	C-7	1,1,1,2-Tetrachloroethane
6/9/03	ND	ug/l	0.5	C-7	1,1,1,2-Tetrachloroethane
12/10/03	ND	ug/l	0.5	C-7	1,1,1,2-Tetrachloroethane
6/14/04	ND	ug/l	0.5	C-7	1,1,1,2-Tetrachloroethane
12/14/04	ND	ug/l	0.5	C-7	1,1,1,2-Tetrachloroethane
6/21/05	ND	ug/l	0.5	C-7	1,1,1,2-Tetrachloroethane
12/13/05	ND	ug/l	0.5	C-7	1,1,1,2-Tetrachloroethane
5/17/06	ND	ug/l	0.5	C-7	1,1,1,2-Tetrachloroethane
11/14/06	ND	ug/l	0.5	C-7	1,1,1,2-Tetrachloroethane
5/22/07	ND	ug/l	2	C-7	1,1,1,2-Tetrachloroethane
6/18/02	ND	ug/l	1	C-7	1,1,1-Trichloroethane (Methylchloroform)
12/11/02	ND	ug/l	0.5	C-7	1,1,1-Trichloroethane (Methylchloroform)
6/9/03	ND	ug/l	0.5	C-7	1,1,1-Trichloroethane (Methylchloroform)
12/10/03	ND	ug/l	0.5	C-7	1,1,1-Trichloroethane (Methylchloroform)
6/14/04	ND	ug/l	0.5	C-7	1,1,1-Trichloroethane (Methylchloroform)
12/14/04	ND	ug/l	0.5	C-7	1,1,1-Trichloroethane (Methylchloroform)
6/21/05	ND	ug/l	0.5	C-7	1,1,1-Trichloroethane (Methylchloroform)
12/13/05	ND	ug/l	0.5	C-7	1,1,1-Trichloroethane (Methylchloroform)
5/17/06	ND	ug/l	0.5	C-7	1,1,1-Trichloroethane (Methylchloroform)
11/14/06	ND	ug/l	0.5	C-7	1,1,1-Trichloroethane (Methylchloroform)
5/22/07	ND	ug/l	0.5	C-7	1,1,1-Trichloroethane (Methylchloroform)

CITY of SACRAMENTO
SUBSURFACE LANDFILL GAS REPORTED AS PERCENT METHANE (VOLUME)

PROBE I.D.	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	PROBE I.D.
1A	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1A
1B	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1B
2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2
3A	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	3A
3B	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	3B
4A	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	4A
4B	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4B
5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
6A	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6A
6B	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6B
7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
8	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
13	0.2	0.0	0.3	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13
14	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
14.25A*	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.25A*
14.25B*	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.25B*
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
16	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	16
17	0.1	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17
17.25A*	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.25A*
17.25B*	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	17.25B*
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	19
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	22
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.1	0.1	0.0	0.0	27
28	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	28
28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	28.5
29	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	29
29.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	29.5
30A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	30A
30B	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	30B
30S	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	30S
31A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	31A
31B	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	31B
31S	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	31S
LENNANE 1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	LENNANE 1
LENNANE 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	LENNANE 2
LENNANE 3	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	LENNANE 3
LENNANE 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	LENNANE 4
LENNANE 7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	LENNANE 7
LENNANE 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	LENNANE 8
LPG CON. TR.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	LPG CON. TR.
P1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.0	P1
P2	0.0	0.0	2.6	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	P2
P3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	P3
P4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	P4
P6	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	P6
P7	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	P7
P8	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	P8
P9	0.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.1	0.5	0.0	P9
P10	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	2.6	0.1	0.1	0.0	0.0	P10
P11	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	P11
AVERAGE	0.082	0.015	0.122	0.015	0.060	0.007	0.000	0.000	0.000	0.000	0.093	0.000	0.002	0.067	0.049	0.051	0.009	0.000	AVERAGE

W = WATER IN THE WELL BOLD LETTERING = TRACE OF METHANE
SHADED AREAS = NON COMPLIANCE NR = NOT READ

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
7/29/1994		0.00	% volume		LENNANE1	Methane
8/30/1994		0.00	% volume		LENNANE1	Methane
9/15/1994		0.00	% volume		LENNANE1	Methane
10/24/1994		0.00	% volume		LENNANE1	Methane
11/23/1994		0.00	% volume		LENNANE1	Methane
12/28/1994		0.00	% volume		LENNANE1	Methane
1/24/1995		0.00	% volume		LENNANE1	Methane
2/27/1995		0.00	% volume		LENNANE1	Methane
3/30/1995		0.00	% volume		LENNANE1	Methane
4/21/1995		0.00	% volume		LENNANE1	Methane
5/19/1995		0.00	% volume		LENNANE1	Methane
6/26/1995		0.00	% volume		LENNANE1	Methane
7/25/1995		0.00	% volume		LENNANE1	Methane
8/28/1995		0.00	% volume		LENNANE1	Methane
9/28/1995		0.00	% volume		LENNANE1	Methane
10/28/1995		0.00	% volume		LENNANE1	Methane
11/28/1995		0.00	% volume		LENNANE1	Methane
12/28/1995		0.10	% volume		LENNANE1	Methane
1/28/1996		0.00	% volume		LENNANE1	Methane
2/28/1996		0.00	% volume		LENNANE1	Methane
3/28/1996		0.00	% volume		LENNANE1	Methane
4/28/1996		0.00	% volume		LENNANE1	Methane
5/28/1996		0.00	% volume		LENNANE1	Methane
6/28/1996		0.00	% volume		LENNANE1	Methane
7/28/1996		0.00	% volume		LENNANE1	Methane
8/28/1996		0.00	% volume		LENNANE1	Methane
9/28/1996		0.00	% volume		LENNANE1	Methane
10/28/1996		0.00	% volume		LENNANE1	Methane
11/28/1996		0.00	% volume		LENNANE1	Methane
12/28/1996		0.00	% volume		LENNANE1	Methane
1/28/1997		0.00	% volume		LENNANE1	Methane
2/28/1997		0.00	% volume		LENNANE1	Methane
3/31/1997		0.00	% volume		LENNANE1	Methane
4/30/1997		0.00	% volume		LENNANE1	Methane
5/31/1997		0.00	% volume		LENNANE1	Methane
6/30/1997		0.00	% volume		LENNANE1	Methane
7/31/1997		0.00	% volume		LENNANE1	Methane
8/31/1997		0.00	% volume		LENNANE1	Methane
9/30/1997		0.00	% volume		LENNANE1	Methane
11/24/1997		0.00	% volume		LENNANE1	Methane
12/23/1997		0.00	% volume		LENNANE1	Methane
1/27/1998		0.00	% volume		LENNANE1	Methane
2/26/1998		0.00	% volume		LENNANE1	Methane
3/31/1998		0.00	% volume		LENNANE1	Methane
4/29/1998		0.00	% volume		LENNANE1	Methane
5/29/1998		0.00	% volume		LENNANE1	Methane
8/28/1998		0.00	% Volume		LENNANE1	Methane
9/30/1998		0.00	% Volume		LENNANE1	Methane
10/28/1998		0.00	% Volume		LENNANE1	Methane
11/30/1998		0.00	% Volume		LENNANE1	Methane
12/23/1998		0.00	% Volume		LENNANE1	Methane
1/29/1999		0.00	% Volume		LENNANE1	Methane
2/26/1999		0.00	% Volume		LENNANE1	Methane
3/18/1999		0.00	% Volume		LENNANE1	Methane
4/27/1999		0.00	% Volume		LENNANE1	Methane
5/25/1999		0.00	% Volume		LENNANE1	Methane
6/25/1999		0.00	% Volume		LENNANE1	Methane
7/28/1999		0.00	% Volume		LENNANE1	Methane
8/30/1999		0.00	% Volume		LENNANE1	Methane
9/24/1999		0.00	% Volume		LENNANE1	Methane
10/28/1999		0.00	% Volume		LENNANE1	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
11/29/1999		0.00	% Volume		LENNANE1	Methane
12/28/1999		0.00	% Volume		LENNANE1	Methane
1/27/2000		0.00	% Volume		LENNANE1	Methane
2/29/2000		0.00	% Volume		LENNANE1	Methane
3/30/2000		0.00	% Volume		LENNANE1	Methane
4/27/2000		0.00	% Volume		LENNANE1	Methane
5/31/2000		0.00	% Volume		LENNANE1	Methane
6/27/2000		0.00	% Volume		LENNANE1	Methane
7/28/2000		0.00	% Volume		LENNANE1	Methane
8/31/2000		0.00	% Volume		LENNANE1	Methane
9/27/2000		0.00	% Volume		LENNANE1	Methane
10/25/2000		0.00	% Volume		LENNANE1	Methane
11/30/2000		0.00	% Volume		LENNANE1	Methane
12/28/2000		0.00	% Volume		LENNANE1	Methane
1/24/2001		0.00	% Volume		LENNANE1	Methane
2/28/2001		0.00	% Volume		LENNANE1	Methane
3/29/2001		0.00	% Volume		LENNANE1	Methane
4/24/2001		0.00	% Volume		LENNANE1	Methane
5/23/2001		0.00	% Volume		LENNANE1	Methane
6/29/2001		0.00	% Volume		LENNANE1	Methane
7/31/2001		0.00	% Volume		LENNANE1	Methane
8/30/2001		0.00	% Volume		LENNANE1	Methane
9/27/2001		0.00	% Volume		LENNANE1	Methane
10/31/2001		0.00	% Volume		LENNANE1	Methane
11/29/2001		0.00	% Volume		LENNANE1	Methane
12/27/2001		0.00	% Volume		LENNANE1	Methane
1/31/2002		0.00	% Volume		LENNANE1	Methane
3/20/2002		0.00	% Volume		LENNANE1	Methane
4/29/2002		0.00	% Volume		LENNANE1	Methane
5/30/2002		0.00	% Volume		LENNANE1	Methane
6/28/2002		0.00	% Volume		LENNANE1	Methane
7/29/2002		0.00	% Volume		LENNANE1	Methane
8/22/2002		0.00	% Volume		LENNANE1	Methane
9/27/2002		0.00	% Volume		LENNANE1	Methane
10/31/2002		0.00	% Volume		LENNANE1	Methane
11/25/2002		0.00	% Volume		LENNANE1	Methane
12/30/2002		0.00	% Volume		LENNANE1	Methane
1/31/2003		0.00	% Volume		LENNANE1	Methane
2/27/2003		0.00	% Volume		LENNANE1	Methane
3/26/2003		0.00	% Volume		LENNANE1	Methane
4/29/2003		0.00	% Volume		LENNANE1	Methane
5/23/2003		0.00	% Volume		LENNANE1	Methane
6/26/2003		0.00	% Volume		LENNANE1	Methane
7/28/2003		0.00	% Volume		LENNANE1	Methane
8/28/2003		0.00	% Volume		LENNANE1	Methane
9/25/2003		0.00	% Volume		LENNANE1	Methane
10/31/2003		0.00	% Volume		LENNANE1	Methane
11/24/2003		0.00	% Volume		LENNANE1	Methane
12/23/2003		0.00	% Volume		LENNANE1	Methane
1/29/2004		0.00	% Volume		LENNANE1	Methane
2/25/2004		0.00	% Volume		LENNANE1	Methane
3/30/2004		0.00	% Volume		LENNANE1	Methane
4/29/2004		0.00	% Volume		LENNANE1	Methane
5/26/2004		0.00	% Volume		LENNANE1	Methane
6/29/2004		0.00	% Volume		LENNANE1	Methane
7/29/2004		0.00	% Volume		LENNANE1	Methane
8/13/2004		0.00	% Volume		LENNANE1	Methane
9/30/2004		0.00	% Volume		LENNANE1	Methane
10/28/2004		0.00	% Volume		LENNANE1	Methane
11/29/2004		0.00	% Volume		LENNANE1	Methane
12/23/2004		0.00	% Volume		LENNANE1	Methane
1/27/2005		0.00	% Volume		LENNANE1	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
2/28/2005		0.00	% Volume		LENNANE1	Methane
3/30/2005		0.00	% Volume		LENNANE1	Methane
4/29/2005		0.00	% Volume		LENNANE1	Methane
5/31/2005		0.00	% Volume		LENNANE1	Methane
6/30/2005		0.00	% Volume		LENNANE1	Methane
7/28/2005		0.00	% Volume		LENNANE1	Methane
8/30/2005		0.00	% Volume		LENNANE1	Methane
9/29/2005		0.00	% Volume		LENNANE1	Methane
10/31/2005		0.00	% Volume		LENNANE1	Methane
11/22/2005		0.00	% Volume		LENNANE1	Methane
12/28/2005		0.00	% Volume		LENNANE1	Methane
1/30/2006		0.00	% Volume		LENNANE1	Methane
2/27/2006		0.00	% Volume		LENNANE1	Methane
3/28/2006		0.00	% Volume		LENNANE1	Methane
4/28/2006		0.00	% Volume		LENNANE1	Methane
5/30/2006		0.00	% Volume		LENNANE1	Methane
6/28/2006		0.00	% Volume		LENNANE1	Methane
7/26/2006		0.00	% Volume		LENNANE1	Methane
8/30/2006		0.10	% Volume		LENNANE1	Methane
9/28/2006		0.00	% Volume		LENNANE1	Methane
10/27/2006		0.00	% Volume		LENNANE1	Methane
11/28/2006		0.00	% Volume		LENNANE1	Methane
12/27/2006		0.00	% Volume		LENNANE1	Methane
1/31/2007		0.00	% Volume		LENNANE1	Methane
7/29/1994		0.00	% volume		LENNANE2	Methane
8/30/1994		0.00	% volume		LENNANE2	Methane
12/28/1994		44.00	% volume		LENNANE2	Methane
1/24/1995		13.00	% volume		LENNANE2	Methane
2/27/1995		0.00	% volume		LENNANE2	Methane
3/30/1995		0.00	% volume		LENNANE2	Methane
4/21/1995		0.00	% volume		LENNANE2	Methane
5/19/1995		0.00	% volume		LENNANE2	Methane
6/26/1995		0.00	% volume		LENNANE2	Methane
7/25/1995		0.00	% volume		LENNANE2	Methane
8/28/1995		0.00	% volume		LENNANE2	Methane
9/28/1995		0.00	% volume		LENNANE2	Methane
10/28/1995		0.00	% volume		LENNANE2	Methane
11/28/1995		0.00	% volume		LENNANE2	Methane
12/28/1995		0.00	% volume		LENNANE2	Methane
1/28/1996		0.00	% volume		LENNANE2	Methane
2/28/1996		0.00	% volume		LENNANE2	Methane
3/28/1996		0.00	% volume		LENNANE2	Methane
4/28/1996		0.00	% volume		LENNANE2	Methane
5/28/1996		0.00	% volume		LENNANE2	Methane
6/28/1996		0.00	% volume		LENNANE2	Methane
7/28/1996		0.00	% volume		LENNANE2	Methane
8/28/1996		0.00	% volume		LENNANE2	Methane
9/28/1996		0.00	% volume		LENNANE2	Methane
10/28/1996		0.00	% volume		LENNANE2	Methane
11/28/1996		0.00	% volume		LENNANE2	Methane
12/28/1996		0.00	% volume		LENNANE2	Methane
1/28/1997		0.00	% volume		LENNANE2	Methane
2/28/1997		0.00	% volume		LENNANE2	Methane
3/31/1997		0.00	% volume		LENNANE2	Methane
4/30/1997		0.00	% volume		LENNANE2	Methane
5/31/1997		0.00	% volume		LENNANE2	Methane
6/30/1997		0.00	% volume		LENNANE2	Methane
7/31/1997		0.00	% volume		LENNANE2	Methane
8/31/1997		0.00	% volume		LENNANE2	Methane
9/30/1997		0.00	% volume		LENNANE2	Methane
10/27/1997		0.00	% volume		LENNANE2	Methane
11/24/1997		0.00	% volume		LENNANE2	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
12/23/1997	ND	0.00	% volume		LENNANE2	Methane
1/27/1998		0.00	% volume		LENNANE2	Methane
2/26/1998		0.00	% volume		LENNANE2	Methane
4/29/1998		0.00	% volume		LENNANE2	Methane
5/29/1998		% volume			LENNANE2	Methane
6/25/1999		0.00	% Volume		LENNANE2	Methane
7/28/1999		0.00	% Volume		LENNANE2	Methane
8/30/1999		0.00	% Volume		LENNANE2	Methane
9/24/1999		0.00	% Volume		LENNANE2	Methane
10/28/1999		0.00	% Volume		LENNANE2	Methane
11/29/1999		0.00	% Volume		LENNANE2	Methane
12/28/1999		0.00	% Volume		LENNANE2	Methane
1/27/2000		0.00	% Volume		LENNANE2	Methane
2/29/2000		0.00	% Volume		LENNANE2	Methane
3/30/2000		0.00	% Volume		LENNANE2	Methane
4/27/2000		0.00	% Volume		LENNANE2	Methane
5/31/2000		0.00	% Volume		LENNANE2	Methane
6/27/2000		0.00	% Volume		LENNANE2	Methane
7/28/2000		0.00	% Volume		LENNANE2	Methane
8/31/2000		0.00	% Volume		LENNANE2	Methane
9/27/2000		0.00	% Volume		LENNANE2	Methane
10/25/2000		0.00	% Volume		LENNANE2	Methane
11/30/2000		0.00	% Volume		LENNANE2	Methane
12/28/2000		0.00	% Volume		LENNANE2	Methane
1/24/2001		0.00	% Volume		LENNANE2	Methane
2/28/2001		0.00	% Volume		LENNANE2	Methane
3/29/2001		0.00	% Volume		LENNANE2	Methane
4/24/2001		0.00	% Volume		LENNANE2	Methane
5/23/2001		0.00	% Volume		LENNANE2	Methane
6/29/2001		0.00	% Volume		LENNANE2	Methane
7/31/2001		0.00	% Volume		LENNANE2	Methane
8/30/2001		0.00	% Volume		LENNANE2	Methane
9/27/2001		0.00	% Volume		LENNANE2	Methane
10/31/2001		0.00	% Volume		LENNANE2	Methane
11/29/2001		0.00	% Volume		LENNANE2	Methane
12/27/2001		0.00	% Volume		LENNANE2	Methane
1/31/2002		0.00	% Volume		LENNANE2	Methane
3/20/2002		0.00	% Volume		LENNANE2	Methane
4/29/2002		0.00	% Volume		LENNANE2	Methane
5/30/2002		0.00	% Volume		LENNANE2	Methane
6/28/2002		0.00	% Volume		LENNANE2	Methane
7/29/2002		0.00	% Volume		LENNANE2	Methane
8/22/2002		0.00	% Volume		LENNANE2	Methane
9/27/2002		0.00	% Volume		LENNANE2	Methane
10/31/2002		0.00	% Volume		LENNANE2	Methane
11/25/2002		0.00	% Volume		LENNANE2	Methane
12/30/2002		0.00	% Volume		LENNANE2	Methane
1/31/2003		0.00	% Volume		LENNANE2	Methane
2/27/2003		0.00	% Volume		LENNANE2	Methane
3/26/2003		0.00	% Volume		LENNANE2	Methane
4/29/2003		0.00	% Volume		LENNANE2	Methane
5/23/2003		0.00	% Volume		LENNANE2	Methane
6/26/2003	0.00	% Volume		LENNANE2	Methane	
7/28/2003	0.00	% Volume		LENNANE2	Methane	
8/28/2003	0.00	% Volume		LENNANE2	Methane	
9/25/2003	0.00	% Volume		LENNANE2	Methane	
10/31/2003	0.00	% Volume		LENNANE2	Methane	
11/24/2003	0.00	% Volume		LENNANE2	Methane	
12/23/2003	0.00	% Volume		LENNANE2	Methane	
1/29/2004	0.00	% Volume		LENNANE2	Methane	
2/25/2004	0.00	% Volume		LENNANE2	Methane	
3/30/2004	0.00	% Volume		LENNANE2	Methane	

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
4/29/2004		0.00	% Volume		LENNANE2	Methane
5/26/2004		0.00	% Volume		LENNANE2	Methane
6/29/2004		0.00	% Volume		LENNANE2	Methane
7/29/2004		0.00	% Volume		LENNANE2	Methane
8/13/2004		0.00	% Volume		LENNANE2	Methane
9/30/2004		0.00	% Volume		LENNANE2	Methane
10/28/2004		0.00	% Volume		LENNANE2	Methane
11/29/2004		0.00	% Volume		LENNANE2	Methane
12/23/2004		0.00	% Volume		LENNANE2	Methane
1/27/2005		0.00	% Volume		LENNANE2	Methane
2/28/2005		0.00	% Volume		LENNANE2	Methane
3/30/2005		0.00	% Volume		LENNANE2	Methane
4/29/2005		0.00	% Volume		LENNANE2	Methane
5/31/2005		0.00	% Volume		LENNANE2	Methane
6/30/2005		0.00	% Volume		LENNANE2	Methane
7/28/2005		0.00	% Volume		LENNANE2	Methane
8/30/2005		0.00	% Volume		LENNANE2	Methane
9/29/2005		0.00	% Volume		LENNANE2	Methane
10/31/2005		0.00	% Volume		LENNANE2	Methane
11/22/2005		0.00	% Volume		LENNANE2	Methane
12/28/2005		0.00	% Volume		LENNANE2	Methane
1/30/2006		0.00	% Volume		LENNANE2	Methane
2/27/2006		0.00	% Volume		LENNANE2	Methane
3/28/2006		0.00	% Volume		LENNANE2	Methane
4/28/2006		0.00	% Volume		LENNANE2	Methane
5/30/2006		0.00	% Volume		LENNANE2	Methane
6/28/2006		0.00	% Volume		LENNANE2	Methane
7/26/2006		0.00	% Volume		LENNANE2	Methane
8/30/2006		0.00	% Volume		LENNANE2	Methane
9/28/2006		0.00	% Volume		LENNANE2	Methane
10/27/2006		0.00	% Volume		LENNANE2	Methane
11/28/2006		0.00	% Volume		LENNANE2	Methane
12/27/2006		0.00	% Volume		LENNANE2	Methane
1/31/2007		0.00	% Volume		LENNANE2	Methane
7/29/1994		0.00	% volume		LENNANE3	Methane
8/30/1994		0.00	% volume		LENNANE3	Methane
9/15/1994		0.00	% volume		LENNANE3	Methane
12/28/1994		31.00	% volume		LENNANE3	Methane
1/24/1995		13.00	% volume		LENNANE3	Methane
2/27/1995		0.00	% volume		LENNANE3	Methane
3/30/1995		0.00	% volume		LENNANE3	Methane
4/21/1995		0.00	% volume		LENNANE3	Methane
5/19/1995		0.00	% volume		LENNANE3	Methane
6/26/1995		0.00	% volume		LENNANE3	Methane
7/25/1995		0.00	% volume		LENNANE3	Methane
8/28/1995		0.00	% volume		LENNANE3	Methane
9/28/1995		0.00	% volume		LENNANE3	Methane
10/28/1995		0.00	% volume		LENNANE3	Methane
11/28/1995		0.00	% volume		LENNANE3	Methane
12/28/1995		0.10	% volume		LENNANE3	Methane
1/28/1996		0.00	% volume		LENNANE3	Methane
2/28/1996		0.00	% volume		LENNANE3	Methane
3/28/1996		0.00	% volume		LENNANE3	Methane
4/28/1996		0.00	% volume		LENNANE3	Methane
5/28/1996		0.00	% volume		LENNANE3	Methane
6/28/1996		0.00	% volume		LENNANE3	Methane
7/28/1996		0.00	% volume		LENNANE3	Methane
8/28/1996		0.00	% volume		LENNANE3	Methane
9/28/1996		0.00	% volume		LENNANE3	Methane
10/28/1996		0.00	% volume		LENNANE3	Methane
11/28/1996		0.00	% volume		LENNANE3	Methane
12/28/1996		0.00	% volume		LENNANE3	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
1/28/1997		0.00	% volume		LENNANE3	Methane
2/28/1997		0.00	% volume		LENNANE3	Methane
3/31/1997		0.00	% volume		LENNANE3	Methane
4/30/1997		0.00	% volume		LENNANE3	Methane
5/31/1997		0.00	% volume		LENNANE3	Methane
6/30/1997		0.00	% volume		LENNANE3	Methane
7/31/1997		0.00	% volume		LENNANE3	Methane
8/31/1997		0.00	% volume		LENNANE3	Methane
9/30/1997		0.00	% volume		LENNANE3	Methane
10/27/1997		0.00	% volume		LENNANE3	Methane
11/24/1997		0.00	% volume		LENNANE3	Methane
12/23/1997		0.00	% volume		LENNANE3	Methane
1/27/1998		0.00	% volume		LENNANE3	Methane
2/26/1998		0.00	% volume		LENNANE3	Methane
4/29/1998		0.00	% volume		LENNANE3	Methane
5/29/1998	ND		% volume		LENNANE3	Methane
6/25/1999		0.00	% Volume		LENNANE3	Methane
7/28/1999		0.00	% Volume		LENNANE3	Methane
8/30/1999		0.00	% Volume		LENNANE3	Methane
9/24/1999		0.00	% Volume		LENNANE3	Methane
10/28/1999		0.00	% Volume		LENNANE3	Methane
11/29/1999		0.00	% Volume		LENNANE3	Methane
12/28/1999		0.00	% Volume		LENNANE3	Methane
1/27/2000		0.00	% Volume		LENNANE3	Methane
2/29/2000		0.00	% Volume		LENNANE3	Methane
3/30/2000		0.00	% Volume		LENNANE3	Methane
4/27/2000		0.00	% Volume		LENNANE3	Methane
5/31/2000		0.00	% Volume		LENNANE3	Methane
6/27/2000		0.00	% Volume		LENNANE3	Methane
7/28/2000		0.00	% Volume		LENNANE3	Methane
8/31/2000		0.00	% Volume		LENNANE3	Methane
9/27/2000		0.00	% Volume		LENNANE3	Methane
10/25/2000		0.00	% Volume		LENNANE3	Methane
11/30/2000		0.00	% Volume		LENNANE3	Methane
12/28/2000		0.00	% Volume		LENNANE3	Methane
1/24/2001		0.00	% Volume		LENNANE3	Methane
2/28/2001		0.00	% Volume		LENNANE3	Methane
3/29/2001		0.00	% Volume		LENNANE3	Methane
4/24/2001		0.00	% Volume		LENNANE3	Methane
5/23/2001		0.00	% Volume		LENNANE3	Methane
6/29/2001		0.00	% Volume		LENNANE3	Methane
7/31/2001		0.00	% Volume		LENNANE3	Methane
8/30/2001		0.00	% Volume		LENNANE3	Methane
9/27/2001		0.00	% Volume		LENNANE3	Methane
10/31/2001		0.00	% Volume		LENNANE3	Methane
11/29/2001		0.00	% Volume		LENNANE3	Methane
12/27/2001		0.00	% Volume		LENNANE3	Methane
1/31/2002		0.00	% Volume		LENNANE3	Methane
3/20/2002		0.00	% Volume		LENNANE3	Methane
4/29/2002		0.00	% Volume		LENNANE3	Methane
5/30/2002		0.00	% Volume		LENNANE3	Methane
6/28/2002		0.00	% Volume		LENNANE3	Methane
7/29/2002		0.00	% Volume		LENNANE3	Methane
8/22/2002		0.00	% Volume		LENNANE3	Methane
9/27/2002		0.00	% Volume		LENNANE3	Methane
10/31/2002		0.00	% Volume		LENNANE3	Methane
11/25/2002		0.00	% Volume		LENNANE3	Methane
12/30/2002		0.00	% Volume		LENNANE3	Methane
1/31/2003		0.00	% Volume		LENNANE3	Methane
2/27/2003		0.00	% Volume		LENNANE3	Methane
3/26/2003		0.00	% Volume		LENNANE3	Methane
4/29/2003		0.00	% Volume		LENNANE3	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
5/23/2003		0.00	% Volume		LENNANE3	Methane
6/26/2003		0.00	% Volume		LENNANE3	Methane
7/28/2003		0.00	% Volume		LENNANE3	Methane
8/28/2003		0.00	% Volume		LENNANE3	Methane
9/25/2003		0.00	% Volume		LENNANE3	Methane
10/31/2003		0.00	% Volume		LENNANE3	Methane
11/24/2003		0.00	% Volume		LENNANE3	Methane
12/23/2003		0.00	% Volume		LENNANE3	Methane
1/29/2004		0.00	% Volume		LENNANE3	Methane
2/25/2004		0.00	% Volume		LENNANE3	Methane
3/30/2004		0.00	% Volume		LENNANE3	Methane
4/29/2004		0.00	% Volume		LENNANE3	Methane
5/26/2004		0.00	% Volume		LENNANE3	Methane
6/29/2004		0.00	% Volume		LENNANE3	Methane
7/29/2004		0.00	% Volume		LENNANE3	Methane
8/13/2004		0.00	% Volume		LENNANE3	Methane
9/30/2004		0.00	% Volume		LENNANE3	Methane
10/28/2004		0.00	% Volume		LENNANE3	Methane
11/29/2004		0.00	% Volume		LENNANE3	Methane
12/23/2004		0.00	% Volume		LENNANE3	Methane
1/27/2005		0.00	% Volume		LENNANE3	Methane
2/28/2005		0.00	% Volume		LENNANE3	Methane
3/30/2005		0.00	% Volume		LENNANE3	Methane
4/29/2005		0.00	% Volume		LENNANE3	Methane
5/31/2005		0.00	% Volume		LENNANE3	Methane
6/30/2005		0.00	% Volume		LENNANE3	Methane
7/28/2005		0.00	% Volume		LENNANE3	Methane
8/30/2005		0.00	% Volume		LENNANE3	Methane
9/29/2005		0.00	% Volume		LENNANE3	Methane
10/31/2005		0.00	% Volume		LENNANE3	Methane
11/22/2005		0.00	% Volume		LENNANE3	Methane
12/28/2005		0.00	% Volume		LENNANE3	Methane
1/30/2006		0.00	% Volume		LENNANE3	Methane
2/27/2006		0.00	% Volume		LENNANE3	Methane
3/28/2006		0.00	% Volume		LENNANE3	Methane
4/28/2006		0.20	% Volume		LENNANE3	Methane
5/30/2006		0.00	% Volume		LENNANE3	Methane
6/28/2006		0.00	% Volume		LENNANE3	Methane
7/26/2006		0.00	% Volume		LENNANE3	Methane
8/30/2006		0.00	% Volume		LENNANE3	Methane
9/28/2006		0.10	% Volume		LENNANE3	Methane
10/27/2006		0.00	% Volume		LENNANE3	Methane
11/28/2006		0.00	% Volume		LENNANE3	Methane
12/27/2006		0.00	% Volume		LENNANE3	Methane
1/31/2007		0.00	% Volume		LENNANE3	Methane
8/30/1994		0.00	% volume		LENNANE4	Methane
12/28/1994		2.50	% volume		LENNANE4	Methane
1/24/1995		10.00	% volume		LENNANE4	Methane
2/27/1995		0.00	% volume		LENNANE4	Methane
3/30/1995	TR		% volume		LENNANE4	Methane
5/19/1995		0.00	% volume		LENNANE4	Methane
6/26/1995		0.00	% volume		LENNANE4	Methane
7/25/1995		0.00	% volume		LENNANE4	Methane
8/28/1995		0.00	% volume		LENNANE4	Methane
9/28/1995		0.00	% volume		LENNANE4	Methane
10/28/1995		0.00	% volume		LENNANE4	Methane
11/28/1995		0.00	% volume		LENNANE4	Methane
12/28/1995		0.00	% volume		LENNANE4	Methane
1/28/1996		0.00	% volume		LENNANE4	Methane
2/28/1996		0.00	% volume		LENNANE4	Methane
3/28/1996		0.00	% volume		LENNANE4	Methane
4/28/1996		0.00	% volume		LENNANE4	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
5/28/1996		0.00	% volume		LENNANE4	Methane
6/28/1996		0.00	% volume		LENNANE4	Methane
7/28/1996		0.00	% volume		LENNANE4	Methane
8/28/1996		0.00	% volume		LENNANE4	Methane
9/28/1996		0.00	% volume		LENNANE4	Methane
10/28/1996		0.00	% volume		LENNANE4	Methane
11/28/1996		0.00	% volume		LENNANE4	Methane
12/28/1996		0.00	% volume		LENNANE4	Methane
1/28/1997		0.00	% volume		LENNANE4	Methane
2/28/1997		0.00	% volume		LENNANE4	Methane
3/31/1997		0.00	% volume		LENNANE4	Methane
4/30/1997		0.00	% volume		LENNANE4	Methane
5/31/1997		0.00	% volume		LENNANE4	Methane
6/30/1997		0.00	% volume		LENNANE4	Methane
7/31/1997		0.00	% volume		LENNANE4	Methane
8/31/1997		0.00	% volume		LENNANE4	Methane
9/30/1997		0.00	% volume		LENNANE4	Methane
10/27/1997		0.00	% volume		LENNANE4	Methane
11/24/1997		0.00	% volume		LENNANE4	Methane
12/23/1997		0.00	% volume		LENNANE4	Methane
1/27/1998		0.00	% volume		LENNANE4	Methane
2/26/1998		0.00	% volume		LENNANE4	Methane
3/31/1998		0.00	% volume		LENNANE4	Methane
4/29/1998		0.00	% volume		LENNANE4	Methane
5/29/1998		0.00	% volume		LENNANE4	Methane
8/28/1998		0.00	% Volume		LENNANE4	Methane
9/30/1998		0.00	% Volume		LENNANE4	Methane
10/28/1998		0.00	% Volume		LENNANE4	Methane
11/30/1998		0.00	% Volume		LENNANE4	Methane
12/23/1998		0.00	% Volume		LENNANE4	Methane
1/29/1999		0.00	% Volume		LENNANE4	Methane
6/25/1999		0.00	% Volume		LENNANE4	Methane
7/28/1999		0.00	% Volume		LENNANE4	Methane
8/30/1999		0.00	% Volume		LENNANE4	Methane
9/24/1999		0.00	% Volume		LENNANE4	Methane
10/28/1999		0.00	% Volume		LENNANE4	Methane
11/29/1999		0.00	% Volume		LENNANE4	Methane
12/28/1999		0.00	% Volume		LENNANE4	Methane
1/27/2000		0.00	% Volume		LENNANE4	Methane
2/29/2000		0.00	% Volume		LENNANE4	Methane
3/30/2000		0.00	% Volume		LENNANE4	Methane
4/27/2000		0.00	% Volume		LENNANE4	Methane
5/31/2000		0.00	% Volume		LENNANE4	Methane
6/27/2000		0.00	% Volume		LENNANE4	Methane
7/28/2000		0.00	% Volume		LENNANE4	Methane
8/31/2000		0.00	% Volume		LENNANE4	Methane
9/27/2000		0.00	% Volume		LENNANE4	Methane
10/25/2000		0.00	% Volume		LENNANE4	Methane
11/30/2000		0.00	% Volume		LENNANE4	Methane
12/28/2000		0.00	% Volume		LENNANE4	Methane
1/24/2001		0.00	% Volume		LENNANE4	Methane
2/28/2001		0.00	% Volume		LENNANE4	Methane
3/29/2001		0.00	% Volume		LENNANE4	Methane
4/24/2001		0.00	% Volume		LENNANE4	Methane
5/23/2001		0.00	% Volume		LENNANE4	Methane
6/29/2001		0.00	% Volume		LENNANE4	Methane
7/31/2001		0.00	% Volume		LENNANE4	Methane
8/30/2001		0.00	% Volume		LENNANE4	Methane
9/27/2001		0.00	% Volume		LENNANE4	Methane
10/31/2001		0.00	% Volume		LENNANE4	Methane
11/29/2001		0.00	% Volume		LENNANE4	Methane
12/27/2001		0.00	% Volume		LENNANE4	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
1/31/2002		0.00	% Volume		LENNANE4	Methane
3/20/2002		0.00	% Volume		LENNANE4	Methane
4/29/2002		0.00	% Volume		LENNANE4	Methane
5/30/2002		0.00	% Volume		LENNANE4	Methane
6/28/2002		0.00	% Volume		LENNANE4	Methane
7/29/2002		0.00	% Volume		LENNANE4	Methane
8/22/2002		0.00	% Volume		LENNANE4	Methane
9/27/2002		0.00	% Volume		LENNANE4	Methane
10/31/2002		0.00	% Volume		LENNANE4	Methane
11/25/2002		0.00	% Volume		LENNANE4	Methane
12/30/2002		0.00	% Volume		LENNANE4	Methane
1/31/2003		0.00	% Volume		LENNANE4	Methane
2/27/2003		0.00	% Volume		LENNANE4	Methane
3/26/2003		0.00	% Volume		LENNANE4	Methane
4/29/2003		0.00	% Volume		LENNANE4	Methane
5/23/2003		0.00	% Volume		LENNANE4	Methane
6/26/2003		0.00	% Volume		LENNANE4	Methane
7/28/2003		0.00	% Volume		LENNANE4	Methane
8/28/2003		0.00	% Volume		LENNANE4	Methane
9/25/2003		0.00	% Volume		LENNANE4	Methane
10/31/2003		0.00	% Volume		LENNANE4	Methane
11/24/2003		0.00	% Volume		LENNANE4	Methane
12/23/2003		0.00	% Volume		LENNANE4	Methane
1/29/2004		0.00	% Volume		LENNANE4	Methane
2/25/2004		0.00	% Volume		LENNANE4	Methane
3/30/2004		0.00	% Volume		LENNANE4	Methane
4/29/2004		0.00	% Volume		LENNANE4	Methane
5/26/2004		0.00	% Volume		LENNANE4	Methane
6/29/2004		0.00	% Volume		LENNANE4	Methane
7/29/2004		0.00	% Volume		LENNANE4	Methane
8/13/2004		0.00	% Volume		LENNANE4	Methane
9/30/2004		0.00	% Volume		LENNANE4	Methane
10/28/2004		0.00	% Volume		LENNANE4	Methane
11/29/2004		0.00	% Volume		LENNANE4	Methane
12/23/2004		0.00	% Volume		LENNANE4	Methane
1/27/2005		0.00	% Volume		LENNANE4	Methane
2/28/2005		0.00	% Volume		LENNANE4	Methane
3/30/2005		0.00	% Volume		LENNANE4	Methane
4/29/2005		0.00	% Volume		LENNANE4	Methane
5/31/2005		0.00	% Volume		LENNANE4	Methane
6/30/2005		0.00	% Volume		LENNANE4	Methane
7/28/2005		0.00	% Volume		LENNANE4	Methane
8/30/2005		0.00	% Volume		LENNANE4	Methane
9/29/2005		0.00	% Volume		LENNANE4	Methane
10/31/2005		0.00	% Volume		LENNANE4	Methane
11/22/2005		0.00	% Volume		LENNANE4	Methane
12/28/2005		0.00	% Volume		LENNANE4	Methane
1/30/2006		1.90	% Volume		LENNANE4	Methane
2/27/2006		0.00	% Volume		LENNANE4	Methane
3/28/2006		0.00	% Volume		LENNANE4	Methane
4/28/2006		0.00	% Volume		LENNANE4	Methane
5/30/2006		0.00	% Volume		LENNANE4	Methane
6/28/2006		0.00	% Volume		LENNANE4	Methane
7/26/2006		0.00	% Volume		LENNANE4	Methane
8/30/2006		0.00	% Volume		LENNANE4	Methane
9/28/2006		0.00	% Volume		LENNANE4	Methane
10/27/2006		0.00	% Volume		LENNANE4	Methane
11/28/2006		0.00	% Volume		LENNANE4	Methane
12/27/2006		0.00	% Volume		LENNANE4	Methane
1/31/2007		0.00	% Volume		LENNANE4	Methane
7/29/1994		0.00	% volume		LENNANE7	Methane
8/30/1994		0.00	% volume		LENNANE7	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
9/15/1994		0.00	% volume		LENNANE7	Methane
11/23/1994		0.00	% volume		LENNANE7	Methane
12/28/1994		0.00	% volume		LENNANE7	Methane
2/27/1995		0.00	% volume		LENNANE7	Methane
3/30/1995		0.00	% volume		LENNANE7	Methane
4/21/1995		0.00	% volume		LENNANE7	Methane
5/19/1995		0.00	% volume		LENNANE7	Methane
6/26/1995		0.00	% volume		LENNANE7	Methane
7/25/1995		0.00	% volume		LENNANE7	Methane
8/28/1995		0.00	% volume		LENNANE7	Methane
9/28/1995		0.00	% volume		LENNANE7	Methane
10/28/1995		0.00	% volume		LENNANE7	Methane
11/28/1995		0.00	% volume		LENNANE7	Methane
12/28/1995		0.00	% volume		LENNANE7	Methane
1/28/1996		0.00	% volume		LENNANE7	Methane
2/28/1996		0.00	% volume		LENNANE7	Methane
3/28/1996		0.00	% volume		LENNANE7	Methane
4/28/1996		0.00	% volume		LENNANE7	Methane
5/28/1996		0.00	% volume		LENNANE7	Methane
6/28/1996		0.00	% volume		LENNANE7	Methane
7/28/1996		0.00	% volume		LENNANE7	Methane
8/28/1996		0.00	% volume		LENNANE7	Methane
9/28/1996		0.00	% volume		LENNANE7	Methane
10/28/1996		0.00	% volume		LENNANE7	Methane
11/28/1996		0.00	% volume		LENNANE7	Methane
12/28/1996		0.00	% volume		LENNANE7	Methane
1/28/1997		0.00	% volume		LENNANE7	Methane
2/28/1997		0.00	% volume		LENNANE7	Methane
3/31/1997		0.00	% volume		LENNANE7	Methane
4/30/1997		0.00	% volume		LENNANE7	Methane
5/31/1997		0.00	% volume		LENNANE7	Methane
6/30/1997		0.00	% volume		LENNANE7	Methane
7/31/1997		0.00	% volume		LENNANE7	Methane
8/31/1997		0.00	% volume		LENNANE7	Methane
9/30/1997		0.00	% volume		LENNANE7	Methane
10/27/1997		0.00	% volume		LENNANE7	Methane
11/24/1997		0.00	% volume		LENNANE7	Methane
12/23/1997		0.00	% volume		LENNANE7	Methane
1/27/1998		0.00	% volume		LENNANE7	Methane
2/26/1998		0.00	% volume		LENNANE7	Methane
3/31/1998		0.00	% volume		LENNANE7	Methane
4/29/1998		0.00	% volume		LENNANE7	Methane
5/29/1998		0.00	% volume		LENNANE7	Methane
8/28/1998		0.00	% Volume		LENNANE7	Methane
9/30/1998		0.00	% Volume		LENNANE7	Methane
10/28/1998		0.00	% Volume		LENNANE7	Methane
11/30/1998		0.00	% Volume		LENNANE7	Methane
12/23/1998		0.00	% Volume		LENNANE7	Methane
1/29/1999		0.00	% Volume		LENNANE7	Methane
2/26/1999		0.00	% Volume		LENNANE7	Methane
3/18/1999		0.00	% Volume		LENNANE7	Methane
4/27/1999		0.00	% Volume		LENNANE7	Methane
5/25/1999		0.00	% Volume		LENNANE7	Methane
6/25/1999		0.00	% Volume		LENNANE7	Methane
7/28/1999		0.00	% Volume		LENNANE7	Methane
8/30/1999		0.00	% Volume		LENNANE7	Methane
9/24/1999		0.00	% Volume		LENNANE7	Methane
10/28/1999		0.00	% Volume		LENNANE7	Methane
11/29/1999		0.00	% Volume		LENNANE7	Methane
12/28/1999		0.00	% Volume		LENNANE7	Methane
1/27/2000		0.00	% Volume		LENNANE7	Methane
2/29/2000		0.00	% Volume		LENNANE7	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analyte1
3/30/2000		0.00	% Volume		LENNANE7	Methane
4/27/2000		0.00	% Volume		LENNANE7	Methane
5/31/2000		0.00	% Volume		LENNANE7	Methane
6/27/2000		0.00	% Volume		LENNANE7	Methane
7/28/2000		0.00	% Volume		LENNANE7	Methane
8/31/2000		0.00	% Volume		LENNANE7	Methane
9/27/2000		0.00	% Volume		LENNANE7	Methane
10/25/2000		0.00	% Volume		LENNANE7	Methane
11/30/2000		0.00	% Volume		LENNANE7	Methane
12/28/2000		0.00	% Volume		LENNANE7	Methane
1/24/2001		0.00	% Volume		LENNANE7	Methane
2/28/2001		0.00	% Volume		LENNANE7	Methane
3/29/2001		0.00	% Volume		LENNANE7	Methane
4/24/2001		0.00	% Volume		LENNANE7	Methane
5/23/2001		0.00	% Volume		LENNANE7	Methane
6/29/2001		0.00	% Volume		LENNANE7	Methane
7/31/2001		0.00	% Volume		LENNANE7	Methane
8/30/2001		0.00	% Volume		LENNANE7	Methane
9/27/2001		0.00	% Volume		LENNANE7	Methane
10/31/2001		0.00	% Volume		LENNANE7	Methane
11/29/2001		0.00	% Volume		LENNANE7	Methane
12/27/2001		0.00	% Volume		LENNANE7	Methane
1/31/2002		0.00	% Volume		LENNANE7	Methane
3/20/2002		0.00	% Volume		LENNANE7	Methane
4/29/2002		0.00	% Volume		LENNANE7	Methane
5/30/2002		0.00	% Volume		LENNANE7	Methane
6/28/2002		0.00	% Volume		LENNANE7	Methane
7/29/2002		0.00	% Volume		LENNANE7	Methane
8/22/2002		0.00	% Volume		LENNANE7	Methane
9/27/2002		0.00	% Volume		LENNANE7	Methane
10/31/2002		0.00	% Volume		LENNANE7	Methane
11/25/2002		0.00	% Volume		LENNANE7	Methane
12/30/2002		0.00	% Volume		LENNANE7	Methane
1/31/2003		0.00	% Volume		LENNANE7	Methane
2/27/2003		0.00	% Volume		LENNANE7	Methane
3/26/2003		0.00	% Volume		LENNANE7	Methane
4/29/2003		0.00	% Volume		LENNANE7	Methane
5/23/2003		0.00	% Volume		LENNANE7	Methane
6/26/2003		0.00	% Volume		LENNANE7	Methane
7/28/2003		0.00	% Volume		LENNANE7	Methane
8/28/2003		0.00	% Volume		LENNANE7	Methane
9/25/2003		0.00	% Volume		LENNANE7	Methane
10/31/2003		0.00	% Volume		LENNANE7	Methane
11/24/2003		0.00	% Volume		LENNANE7	Methane
12/23/2003		0.00	% Volume		LENNANE7	Methane
1/29/2004		0.00	% Volume		LENNANE7	Methane
2/25/2004		0.00	% Volume		LENNANE7	Methane
3/30/2004		0.00	% Volume		LENNANE7	Methane
4/29/2004		0.00	% Volume		LENNANE7	Methane
5/26/2004		0.00	% Volume		LENNANE7	Methane
6/29/2004		0.00	% Volume		LENNANE7	Methane
7/29/2004		0.00	% Volume		LENNANE7	Methane
8/13/2004		0.00	% Volume		LENNANE7	Methane
9/30/2004		0.00	% Volume		LENNANE7	Methane
10/28/2004		0.00	% Volume		LENNANE7	Methane
11/29/2004		0.00	% Volume		LENNANE7	Methane
12/23/2004		0.00	% Volume		LENNANE7	Methane
1/27/2005		0.00	% Volume		LENNANE7	Methane
2/28/2005		0.00	% Volume		LENNANE7	Methane
3/30/2005		0.00	% Volume		LENNANE7	Methane
4/29/2005		0.00	% Volume		LENNANE7	Methane
5/31/2005		0.00	% Volume		LENNANE7	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
6/30/2005		0.00	% Volume		LENNANE7	Methane
7/28/2005		0.00	% Volume		LENNANE7	Methane
8/30/2005		0.00	% Volume		LENNANE7	Methane
9/29/2005		0.00	% Volume		LENNANE7	Methane
10/31/2005		0.00	% Volume		LENNANE7	Methane
11/22/2005		0.00	% Volume		LENNANE7	Methane
12/28/2005		0.00	% Volume		LENNANE7	Methane
1/30/2006		0.00	% Volume		LENNANE7	Methane
2/27/2006		0.00	% Volume		LENNANE7	Methane
3/28/2006		0.00	% Volume		LENNANE7	Methane
4/28/2006		0.20	% Volume		LENNANE7	Methane
5/30/2006		0.00	% Volume		LENNANE7	Methane
6/28/2006		0.00	% Volume		LENNANE7	Methane
7/26/2006		0.00	% Volume		LENNANE7	Methane
8/30/2006		0.00	% Volume		LENNANE7	Methane
9/28/2006		0.00	% Volume		LENNANE7	Methane
10/27/2006		0.00	% Volume		LENNANE7	Methane
11/28/2006		0.00	% Volume		LENNANE7	Methane
12/27/2006		0.00	% Volume		LENNANE7	Methane
1/31/2007		0.00	% Volume		LENNANE7	Methane
7/29/1994		0.00	% volume		LENNANE8	Methane
8/30/1994		0.00	% volume		LENNANE8	Methane
9/15/1994		0.00	% volume		LENNANE8	Methane
11/23/1994		0.00	% volume		LENNANE8	Methane
12/28/1994		0.00	% volume		LENNANE8	Methane
2/27/1995		0.00	% volume		LENNANE8	Methane
3/30/1995		0.00	% volume		LENNANE8	Methane
4/21/1995		0.00	% volume		LENNANE8	Methane
5/19/1995		0.00	% volume		LENNANE8	Methane
6/26/1995		0.00	% volume		LENNANE8	Methane
7/25/1995		0.00	% volume		LENNANE8	Methane
8/28/1995		0.00	% volume		LENNANE8	Methane
9/28/1995		0.00	% volume		LENNANE8	Methane
10/28/1995		0.00	% volume		LENNANE8	Methane
11/28/1995		0.00	% volume		LENNANE8	Methane
12/28/1995		0.00	% volume		LENNANE8	Methane
1/28/1996		0.00	% volume		LENNANE8	Methane
2/28/1996		0.00	% volume		LENNANE8	Methane
3/28/1996		0.00	% volume		LENNANE8	Methane
4/28/1996		0.00	% volume		LENNANE8	Methane
5/28/1996		0.00	% volume		LENNANE8	Methane
6/28/1996		0.00	% volume		LENNANE8	Methane
7/28/1996		0.00	% volume		LENNANE8	Methane
8/28/1996		0.00	% volume		LENNANE8	Methane
9/28/1996		0.00	% volume		LENNANE8	Methane
10/28/1996		0.00	% volume		LENNANE8	Methane
11/28/1996		0.00	% volume		LENNANE8	Methane
12/28/1996		0.00	% volume		LENNANE8	Methane
1/28/1997		0.00	% volume		LENNANE8	Methane
2/28/1997		0.00	% volume		LENNANE8	Methane
3/31/1997		0.00	% volume		LENNANE8	Methane
4/30/1997		0.00	% volume		LENNANE8	Methane
5/31/1997		0.00	% volume		LENNANE8	Methane
6/30/1997		0.00	% volume		LENNANE8	Methane
7/31/1997		0.00	% volume		LENNANE8	Methane
8/31/1997		0.00	% volume		LENNANE8	Methane
9/30/1997		0.00	% volume		LENNANE8	Methane
10/27/1997		0.00	% volume		LENNANE8	Methane
11/24/1997		0.00	% volume		LENNANE8	Methane
12/23/1997		0.00	% volume		LENNANE8	Methane
1/27/1998		0.00	% volume		LENNANE8	Methane
2/26/1998		0.00	% volume		LENNANE8	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
3/31/1998		0.00	% volume		LENNANE8	Methane
4/29/1998		0.00	% volume		LENNANE8	Methane
5/29/1998		0.00	% volume		LENNANE8	Methane
8/28/1998		0.00	% Volume		LENNANE8	Methane
9/30/1998		0.00	% Volume		LENNANE8	Methane
10/28/1998		0.00	% Volume		LENNANE8	Methane
11/30/1998		0.00	% Volume		LENNANE8	Methane
12/23/1998		0.00	% Volume		LENNANE8	Methane
1/29/1999		0.00	% Volume		LENNANE8	Methane
2/26/1999		0.00	% Volume		LENNANE8	Methane
3/18/1999		0.00	% Volume		LENNANE8	Methane
4/27/1999		0.00	% Volume		LENNANE8	Methane
5/25/1999		0.00	% Volume		LENNANE8	Methane
6/25/1999		0.00	% Volume		LENNANE8	Methane
7/28/1999		0.00	% Volume		LENNANE8	Methane
8/30/1999		0.00	% Volume		LENNANE8	Methane
9/24/1999		0.00	% Volume		LENNANE8	Methane
10/28/1999		0.00	% Volume		LENNANE8	Methane
11/29/1999		0.00	% Volume		LENNANE8	Methane
12/28/1999		0.00	% Volume		LENNANE8	Methane
1/27/2000		0.00	% Volume		LENNANE8	Methane
2/29/2000		0.00	% Volume		LENNANE8	Methane
3/30/2000		0.00	% Volume		LENNANE8	Methane
4/27/2000		0.00	% Volume		LENNANE8	Methane
5/31/2000		0.00	% Volume		LENNANE8	Methane
6/27/2000		0.00	% Volume		LENNANE8	Methane
7/28/2000		0.00	% Volume		LENNANE8	Methane
8/31/2000		0.00	% Volume		LENNANE8	Methane
9/27/2000		0.00	% Volume		LENNANE8	Methane
10/25/2000		0.00	% Volume		LENNANE8	Methane
11/30/2000		0.00	% Volume		LENNANE8	Methane
12/28/2000		0.00	% Volume		LENNANE8	Methane
1/24/2001		0.00	% Volume		LENNANE8	Methane
2/28/2001		0.00	% Volume		LENNANE8	Methane
3/29/2001		0.00	% Volume		LENNANE8	Methane
4/24/2001		0.00	% Volume		LENNANE8	Methane
5/23/2001		0.00	% Volume		LENNANE8	Methane
6/29/2001		0.00	% Volume		LENNANE8	Methane
7/31/2001		0.00	% Volume		LENNANE8	Methane
8/30/2001		0.00	% Volume		LENNANE8	Methane
9/27/2001		0.00	% Volume		LENNANE8	Methane
10/31/2001		0.00	% Volume		LENNANE8	Methane
11/29/2001		0.00	% Volume		LENNANE8	Methane
12/27/2001		0.00	% Volume		LENNANE8	Methane
1/31/2002		0.00	% Volume		LENNANE8	Methane
3/20/2002		0.00	% Volume		LENNANE8	Methane
4/29/2002		0.00	% Volume		LENNANE8	Methane
5/30/2002		0.00	% Volume		LENNANE8	Methane
6/28/2002		0.00	% Volume		LENNANE8	Methane
7/29/2002		0.00	% Volume		LENNANE8	Methane
8/22/2002		0.00	% Volume		LENNANE8	Methane
9/27/2002		0.00	% Volume		LENNANE8	Methane
10/31/2002		0.00	% Volume		LENNANE8	Methane
11/25/2002		0.00	% Volume		LENNANE8	Methane
12/30/2002		0.00	% Volume		LENNANE8	Methane
1/31/2003		0.00	% Volume		LENNANE8	Methane
2/27/2003		0.00	% Volume		LENNANE8	Methane
3/26/2003		0.00	% Volume		LENNANE8	Methane
4/29/2003		0.00	% Volume		LENNANE8	Methane
5/23/2003		0.00	% Volume		LENNANE8	Methane
6/26/2003		0.00	% Volume		LENNANE8	Methane
7/28/2003		0.00	% Volume		LENNANE8	Methane

TestDate	NonDetect	Value	Unit	DetLimit	WellNbr	Analytel
8/28/2003		0.00	% Volume		LENNANE8	Methane
9/25/2003		0.00	% Volume		LENNANE8	Methane
10/31/2003		0.00	% Volume		LENNANE8	Methane
11/24/2003		0.00	% Volume		LENNANE8	Methane
12/23/2003		0.00	% Volume		LENNANE8	Methane
1/29/2004		0.00	% Volume		LENNANE8	Methane
2/25/2004		0.00	% Volume		LENNANE8	Methane
3/30/2004		0.00	% Volume		LENNANE8	Methane
4/29/2004		0.00	% Volume		LENNANE8	Methane
5/26/2004		0.00	% Volume		LENNANE8	Methane
6/29/2004		0.00	% Volume		LENNANE8	Methane
7/29/2004		0.00	% Volume		LENNANE8	Methane
8/13/2004		0.00	% Volume		LENNANE8	Methane
9/30/2004		0.00	% Volume		LENNANE8	Methane
10/28/2004		0.00	% Volume		LENNANE8	Methane
11/29/2004		0.00	% Volume		LENNANE8	Methane
12/23/2004		0.00	% Volume		LENNANE8	Methane
1/27/2005		0.00	% Volume		LENNANE8	Methane
2/28/2005		0.00	% Volume		LENNANE8	Methane
3/30/2005		0.00	% Volume		LENNANE8	Methane
4/29/2005		0.00	% Volume		LENNANE8	Methane
5/31/2005		0.00	% Volume		LENNANE8	Methane
6/30/2005		0.00	% Volume		LENNANE8	Methane
7/28/2005		0.00	% Volume		LENNANE8	Methane
8/30/2005		0.00	% Volume		LENNANE8	Methane
9/29/2005		0.00	% Volume		LENNANE8	Methane
10/31/2005		0.00	% Volume		LENNANE8	Methane
11/22/2005		0.00	% Volume		LENNANE8	Methane
12/28/2005		0.00	% Volume		LENNANE8	Methane
1/30/2006		0.00	% Volume		LENNANE8	Methane
2/27/2006		0.00	% Volume		LENNANE8	Methane
3/28/2006		0.00	% Volume		LENNANE8	Methane
4/28/2006		0.00	% Volume		LENNANE8	Methane
5/30/2006		0.00	% Volume		LENNANE8	Methane
6/28/2006		0.00	% Volume		LENNANE8	Methane
7/26/2006		0.00	% Volume		LENNANE8	Methane
8/30/2006		0.00	% Volume		LENNANE8	Methane
9/28/2006		0.00	% Volume		LENNANE8	Methane
10/27/2006		0.00	% Volume		LENNANE8	Methane
11/28/2006		0.00	% Volume		LENNANE8	Methane
12/27/2006		0.00	% Volume		LENNANE8	Methane
1/31/2007		0.00	% Volume		LENNANE8	Methane

***Aerially Deposited Lead Site Investigation Report
(July 2007)***

AERIALLY DEPOSITED LEAD SITE INVESTIGATION REPORT



Highway 51 Post Mile 1.07 to 3.68
Sacramento County, California

PREPARED FOR:

**CALIFORNIA DEPARTMENT OF TRANSPORTATION – DISTRICT 3
703 B STREET
MARYSVILLE, CALIFORNIA**



PREPARED BY:

**GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DRIVE, SUITE 800
RANCHO CORDOVA, CALIFORNIA 95742**



**GEOCON PROJECT NO. S8875-06-152
TASK ORDER NO. 152, EA NO. 03-3C0201**

JULY 2007

Project No. S8875-06-152
July 20, 2007

Mr. Rajive Chadha
California Department of Transportation - District 3
703 B Street
Post Office Box 911
Marysville, California 95901

Subject: HIGHWAY 51 POST MILE 1.07 TO 3.68
SACRAMENTO COUNTY, CALIFORNIA
CONTRACT NO. 03A0937
TASK ORDER NO. 152, EA NO. 03-3C0201
AERIALY DEPOSITED LEAD SITE INVESTIGATION REPORT

Dear Mr. Chadha:

In accordance with California Department of Transportation (Caltrans) Contract No. 03A0937 and Task Order Number (TO) No. 152, EA 03-3C0201, Geocon Consultants, Inc. has performed environmental engineering services for the subject project. The Site is located along Highway 51 between J Street and the Highway 51/Route 160 overcrossing in Sacramento County, California. The accompanying report summarizes the services performed, including the advancement of 36 direct-push and four hand-auger borings for aerially deposited lead sampling and laboratory testing.

The contents of this report reflect the views of the author, who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.

Please contact us if there are any questions concerning the contents of this report or if we may be of further service.

Sincerely,

GEOCON CONSULTANTS, INC.

Gemma G. Reblando
Project Geologist

John E. Juhrend, PE, CEG
Project Manager

GGR:JEJ:jaj

(5 + 3 CD) Addressee

TABLE OF CONTENTS

AERIALY DEPOSITED LEAD SITE INVESTIGATION REPORT		Page
1.0	INTRODUCTION	1
1.1	Project Description and Proposed Improvements	1
1.2	General Objectives	1
2.0	BACKGROUND	1
2.1	Potential Lead Soil Impacts.....	1
2.2	Potential Lead/Chromium-Based Paint Impacts	1
2.3	Hazardous Waste Determination Criteria	2
3.0	SCOPE OF SERVICES	3
3.1	Pre-field Activities	3
3.2	Field Activities	3
4.0	INVESTIGATIVE METHODS	4
4.1	Boring Sample Location Rationale	4
4.2	Aerially Deposited Lead Soil Sampling Procedures	4
4.3	Paint Sampling Procedures.....	6
4.4	Traffic Control	6
4.5	Laboratory Analyses.....	6
5.0	FIELD OBSERVATIONS AND INVESTIGATIVE RESULTS	7
5.1	Site Conditions	7
5.2	Soil Analytical Results	7
5.3	Paint Sample Analytical Results	7
5.4	Laboratory Quality Assurance/Quality Control	8
5.5	Statistical Evaluation for Lead Detected in Soil Samples.....	8
5.5.1	Total Lead Distribution.....	8
5.5.2	Calculating the UCLs for the True Mean.....	9
5.5.3	Correlation of Total and Soluble Lead.....	10
6.0	CONCLUSIONS AND RECOMMENDATIONS	12
6.1	ADL Soil Waste Disposal/Reuse Classification	12
6.1.1	Sample Population A - Borings B1 through B17 and NB1 through NB5	12
6.1.2	Sample Population B - Borings SB1 through SB18.....	14
6.1.3	Sample Population C - Borings B1 through B17, NB1 through NB5 and SB1 through SB18.....	15
6.2	Yellow Traffic Stripe Paint Waste Classification/Disposal.....	17
6.3	Worker Protection	17
7.0	REPORT LIMITATIONS	19

FIGURES

1. Vicinity Map
2. Project Location Map
- 3-1 through 3-11. Site Plans

TABLES

1. Summary of Soil Boring and Paint Sample Location Coordinates
2. Summary of Lead and Soil pH Analytical Results
3. Summary of Yellow Traffic Stripe Paint Sample Analytical Results – Lead and Chromium

TABLE OF CONTENTS (continued)

APPENDICES

- A. Laboratory Reports and Chain-of-custody Documentation
- B. Lead Statistics and Regression Analysis Results

AERIALLY DEPOSITED LEAD SITE INVESTIGATION REPORT

1.0 INTRODUCTION

This Aerially Deposited Lead (ADL) Site Investigation (SI) report for the Highway 51 Post Mile 1.07 to 3.68 project was prepared by Geocon Consultants, Inc. under California Department of Transportation (Caltrans) Contract No. 03A0937, Task Order (TO) No. 152 and EA 03-3C0201.

1.1 Project Description and Proposed Improvements

The project area consists of the paved and unpaved median of Highway 51 (HWY-51) between Post Mile (PM) 1.07 and 3.68 (the Site) in Sacramento County, California. Caltrans intends to excavate the median to a maximum depth of 4 feet (ft) for construction of drainage and median barrier improvements. The approximate project location is depicted on the Vicinity Map, Figure 1 and Project Location Map, Figure 2. The approximate boring and paint sample locations are depicted on the Site Plans, Figures 3-1 through 3-11.

1.2 General Objectives

The purpose of the scope of services outlined in TO No. 152 was to evaluate whether impacts due to aerial lead deposition from motor vehicle exhaust exist in the surface and near surface soils within the project boundaries and to determine whether yellow traffic stripe paint on the roadway at the Site contains lead and/or chromium. The investigative results will be used by Caltrans to inform the construction contractor(s) if lead-impacted soil and lead- and chromium-containing traffic paint are present within the project boundaries for health, safety, management and disposal evaluation purposes.

2.0 BACKGROUND

2.1 Potential Lead Soil Impacts

Ongoing testing by Caltrans throughout California has indicated that ADL exists along major freeway routes due to emissions from vehicles powered by leaded gasoline. Caltrans reports that total lead concentrations in soil adjacent to the freeways have typically ranged between 50 and 700 milligrams per kilogram (mg/kg). At sites where soil has not been disturbed, the aerially deposited lead is generally limited to the upper 2.0 ft of soil within unpaved shoulder and median areas.

2.2 Potential Lead/Chromium-Based Paint Impacts

Lead-based paint is defined by *California Code of Regulations (CCR)* Title 17, Division 1, Chapter 8, .35033 as any surface coatings that contain an amount of lead equal to, or in excess of, one milligram per square centimeter (1.0 mg/cm^2) or more than half of one percent (0.5%) by weight. Deteriorated lead-based paint is defined by *CCR* Title 17, Division 1, Chapter 8, .35022 as a surface coating that is cracking, chalking, flaking, chipping, peeling, non-intact, failed, or otherwise separating from a

component. Demolition of a deteriorated lead-based paint component would require waste characterization and appropriate disposal. Intact lead-based paint on a component is currently accepted by most landfill facilities. Chromium in paint can pose risks similar to those posed by lead.

Potential hazards exist to workers who remove or cut through lead and/or chromium-based paint coating during demolition. Dust containing hazardous concentrations of lead and/or chromium may be generated during scraping or cutting materials coated with lead/chromium-based paint. Torching of these materials may produce lead and/or chromium oxide fumes. Therefore, air monitoring and/or respiratory protection may be required during the demolition of materials coated with lead and/or chromium-based paint. Guidelines regarding regulatory provisions for construction work where workers may be exposed to lead are presented in the *CCR*, Title 8, Section 1532.1 (*Lead in Construction*).

2.3 Hazardous Waste Determination Criteria

Regulatory criteria to classify a waste as “California hazardous” for handling and disposal purposes are contained in the *CCR*, Title 22, Division 4.5, Chapter 11, Article 3, . 66261.24. Criteria to classify a waste as “Resource, Conservation, and Recovery Act (RCRA) hazardous” are contained in Chapter 40 of the Code of Federal Regulations (40 CFR), Section 261.

For waste containing metals, the waste is classified as California hazardous when: 1) the total metal content exceeds the respective Total Threshold Limit Concentration (TTLC); or 2) the soluble metal content exceeds the respective Soluble Threshold Limit Concentration (STLC) based on the standard Waste Extraction Test (WET). A waste may have the potential of exceeding the STLC when the waste’s total metal content is greater than or equal to ten times the respective STLC value, since the WET uses a 1:10 dilution ratio. Hence, when a total metal is detected at a concentration greater than or equal to ten times the respective STLC, and assuming that 100 percent of the total metals are soluble, soluble metal analysis is required. A material is classified as RCRA hazardous, or Federal hazardous, when the soluble metal content exceeds the Federal regulatory level based on the Toxicity Characteristic Leaching Procedure (TCLP). The TTLC value for lead is 1,000 mg/kg. The STLC and TCLP values for lead are both 5.0 milligrams per liter (mg/l).

The above regulatory criteria are based on chemical concentrations. Wastes may also be classified as hazardous based on other criteria such as ignitability and corrosivity; however, for the purposes of this investigation, toxicity (i.e., lead concentrations) is the primary factor considered for waste classification since waste generated during the construction activities would not likely warrant testing for ignitability or corrosivity. Waste that is classified as either California hazardous or RCRA hazardous requires management as a hazardous waste.

The Department of Toxic Substances Control (DTSC) regulates and interprets hazardous waste laws in California. DTSC generally considers excavated or transported materials that exhibit “hazardous waste” characteristics to be a “waste” requiring proper management, treatment and disposal. Soil that contains lead above hazardous waste thresholds and is left in-place would not be necessarily classified by DTSC as a “waste.” The DTSC has provided site-specific determinations that “movement of wastes within an area of contamination does not constitute “land disposal” and, thus, does not trigger hazardous waste disposal requirements.” Therefore, lead-impacted soil that is scarified in-place, moisture-conditioned, and recompacted during roadway improvement activities might not be considered a “waste.” DTSC should be consulted to confirm waste classification. It is noted that in addition to DTSC regulations, health and safety requirements and other local agency requirements may also apply to the handling and disposal of lead-impacted soil.

3.0 SCOPE OF SERVICES

The following scope of services was performed as requested by Caltrans in TO No. 152:

3.1 Pre-field Activities

- Conducted a pre-work site visit on February 21, 2007, to discuss the TO scope of services. Caltrans representatives Rajive Chadha and design engineer Mohammad Sadiq and Gecon representatives John Juhrend and Mike O’Brien attended this meeting. The purpose of the pre-work site visit was to identify and observe the project boundaries and conditions and mark-out boring locations.
- Contacted the local public utilities via Underground Service Alert on March 6, 2007, (Ticket No. 077556) and on June 4, 2007 (Ticket No. 195219) to attempt to delineate subsurface public utilities and conduits in proximity to the proposed boring locations.
- Prepared a *Workplan* dated February 28, 2007, which describes the requested scope of services and quality assurance/quality control (QA/QC) sampling and laboratory procedures.
- Prepared a *Health and Safety Plan* dated March 2, 2007, to provide guidelines on the use of personal protective equipment and the health and safety procedures implemented during the field activities.
- Retained the services of Sparger Technology, Inc., to perform the chemical analyses of soil and paint-chip samples.

3.2 Field Activities

The initial field activities consisted of collecting soil samples along the paved and unpaved median of HWY-51 between PM 1.07 and PM 1.5. On March 9 and 10, 2007, 79 soil samples were collected from 13 direct-push (B5 through B17) and four hand-auger borings (B1 through B4) at the Caltrans designated soil sampling locations. Four yellow traffic stripe paint samples (PC1 through PC4) were collected at the Caltrans designated sampling locations. The soil borings were excavated to an

approximate maximum depth of 4 ft. Soil samples were collected at general depths of 0.0 to 0.5 foot, 0.5 to 1.0 foot, 1.0 to 2.0 ft, 2.0 to 3.0 ft and 3.0 to 4.0 ft. The approximate boring and paint sample locations are depicted on Figures 3-1 through 3-11.

At the request of the Caltrans Quality Assurance manager, we collected additional ADL soil samples along the paved and unpaved median of HWY-51 between PM 1.07 and 3.68. On June 7 and 8, 2007, 104 soil samples were collected from 23 direct-push borings (NB1 through NB5 and SB1 through SB18) at the Caltrans designated soil sampling locations. The soil borings were excavated to an approximate maximum depth of 4 ft. Soil samples were collected at general depths of 0.0 to 0.5 foot, 0.5 to 1.0 foot, 1.0 to 2.0 ft, 2.0 to 3.0 ft and 3.0 to 4.0 ft.

4.0 INVESTIGATIVE METHODS

4.1 Boring Sample Location Rationale

The soil boring locations were designated by Caltrans in the vicinity of proposed improvements. Borings B1 through B12 and SB1 through SB18 were advanced along the median of southbound HWY-51 and borings B13 through B17 and NB1 through NB5 were advanced along the median of northbound HWY-51. Borings B1 through B4, B6, B8, B10, B12 through B17 and SB1 were advanced in the unpaved median. Borings B5, B7, B9, B11, NB1 through NB5 and SB2 through SB18 were advanced in the paved median between the edge of the pavement and the median yellow traffic stripe. The approximate soil boring locations are depicted on Figures 3-1 through 3-11.

The paint sampling locations were designated by Caltrans within the proposed construction area. Paint samples PC1 and PC2 were obtained from the median yellow traffic stripe of southbound HWY-51, and paint samples PC3 and PC4 were obtained from the median yellow traffic stripe of northbound HWY-51 as shown on Figures 3-1 and 3-2.

The coordinates of each sampling location were determined using a differential global positioning system (GPS). The GPS was utilized during the field activities to locate the horizontal position of each location with an error of no more than 3.0 ft. The latitude and longitude of the sampling locations are summarized on Table 1.

4.2 Aerially Deposited Lead Soil Sampling Procedures

Seventy-nine soil samples were collected from 13 direct-push and 4 hand-auger borings excavated at the Site on March 9 and 10, 2007. Soil samples obtained from the direct-push borings were collected in cellulose thermoplastic (acetate) liners driven by the direct-push rig. After collection, the acetate liner that contained the soil sample was cut open, and the soil samples were transferred to Ziploc® re-sealable plastic bags. The soil samples were field homogenized within the sample bags and

subsequently labeled, placed in an ice chest, and delivered to Sparger under standard chain-of-custody documentation.

One hundred four additional soil samples were collected from 23 direct-push borings excavated at the Site on June 7 and 8, 2007. The soil samples were field homogenized within the sample bags and subsequently labeled, and placed in an ice chest. Per Caltrans request, discrete samples from two to three consecutive borings were composited, with the exception of discrete samples collected from borings SB1 and NB1 through NB5. The following composite sample identifications are described below:

- Composite sample SB2-3 consisted of discrete samples collected from borings SB2 and SB3 at similar depths;
- Composite sample SB4-6 consisted of discrete samples collected from borings SB4, SB5 and SB6 at similar depths;
- Composite sample SB7-9 consisted of discrete samples collected from borings SB7, SB8 and SB9 at similar depths;
- Composite sample SB10-12 consisted of discrete samples collected from borings SB10, SB11 and SB12 at similar depths;
- Composite sample SB10+12-3.0 consisted of discrete samples SB10-3.0 and SB12-3.0;
- Composite sample SB13-15 consisted of discrete samples collected from borings SB13, SB14 and SB15 at similar depths;
- Composite sample SB16-18 consisted of discrete samples collected from borings SB16, SB17 and SB18; and,
- Composite sample SB16+18 consisted of discrete samples collected from borings SB16 and SB18 at similar depths.

The composite and discrete samples were labeled, placed in an ice chest and delivered to Sparger under standard chain-of-custody documentation. A portion of each discrete sample collected during the June 2007 sampling event was retained at Geocon for further analysis, if warranted.

Quality assurance/quality control (QA/QC) procedures were performed during the field exploration activities. These procedures included decontamination of sampling equipment before each boring was advanced and providing chain-of-custody documentation for each sample submitted to the laboratory. The soil sampling equipment was cleansed between each boring by washing the equipment with an Alconox™ solution followed by a double rinse with deionized water. The field sampling activities were performed under the supervision of Geocon's project manager.

The soil borings were backfilled with the excess soil cuttings generated at each boring. The decontamination water was discharged to the ground surface away from surface water bodies or storm drain inlets.

4.3 Paint Sampling Procedures

Four yellow traffic stripe paint samples (PC1 through PC4) were collected on March 9 and 10, 2007, using a hammer to break a chip off the yellow traffic stripe paint from the traffic stripe. The paint-chip samples were placed in labeled plastic bags and delivered to Sparger under standard chain-of-custody documentation.

4.4 Traffic Control

Lane closure traffic control was provided by Caltrans based on the proximity of the work zone with respect to the active traffic lanes. Soil sampling was performed during night-time hours to facilitate lane closure.

4.5 Laboratory Analyses

The soil and paint-chip samples were submitted to Sparger for the following analyses. Soil samples collected during the March and June 2007 sampling events were submitted to Sparger under five-day and 48-hour turn-around-time (TAT), respectively. The laboratory was instructed to homogenize the soil samples prior to analysis in accordance with Contract 03A0937 requirements.

- One hundred thirty-three soil samples were analyzed for total lead following United States Environmental Protection Agency (EPA) Test Method 6010B.
- Fifty-two soil samples were analyzed for soluble (WET) lead following EPA Test Method 6010B.
- Two soil samples (B1-0.0 and B14-0.0) were further analyzed for TCLP soluble lead following EPA Test Method 6010B.
- Four yellow traffic stripe paint samples were analyzed for total lead and total chromium following EPA Test Method 6010B.
- One composite paint sample was analyzed for TCLP soluble lead and TCLP soluble chromium following EPA Test Method 6010B.
- Fifteen randomly selected soil samples were analyzed for soil pH using EPA Test Method 9045.

Quality assurance/quality control (QA/QC) procedures were performed for each method of analysis with specificity for each analyte listed in the test method's QA/QC. The laboratory QA/QC procedures included the following:

- One method blank for every ten samples, batch of samples or type of matrix, whichever was more frequent.

- One sample analyzed in duplicate for every ten samples, batch of samples or type of matrix, whichever was more frequent.
- One spiked sample for every ten samples, batch of samples or type of matrix, whichever was more frequent, with the spike made at ten times the detection limit or at the analyte level.

Prior to submitting the soil samples to the laboratory, the chain-of-custody documentation was reviewed for accuracy and completeness. Reproductions of the laboratory reports and chain-of-custody documentation are presented in Appendix A.

5.0 FIELD OBSERVATIONS AND INVESTIGATIVE RESULTS

5.1 Site Conditions

Asphalt pavement (where present) and road base materials were encountered to a depth between 0.5 and 1.0 foot at each boring location. Underlying fill materials generally consisted of fine silty sand to the maximum depth explored of approximately 4.0 ft. Groundwater was not encountered during the excavation of the soil borings.

5.2 Soil Analytical Results

A summary of the soil analytical results are presented on Table 2. The laboratory reports and chain-of-custody documentation are presented in Appendix A.

Total lead was detected in each of the 133 soil samples analyzed at concentrations ranging from 2.85 to 2,540 mg/kg. Twenty of the 133 soil samples had reported total lead concentrations greater than 50 mg/kg (i.e., greater than ten times the STLC value for lead of 5.0 mg/l).

Soluble (WET) lead was reported for 28 of the 52 soil samples analyzed at concentrations ranging from 0.060 to 112 mg/l. Twelve soil samples had soluble (WET) lead concentrations greater than the STLC value for lead of 5.0 mg/l. TCLP soluble lead was reported for soil samples B1-0.0 and B14-0.0 at 46.5 and 3.71 mg/l, respectively.

Soil pH values ranged from 7.36 to 8.54.

5.3 Paint Sample Analytical Results

Four yellow traffic stripe paint samples (PC1 through PC4) were collected from within the project boundaries. Total lead was reported above the California hazardous waste threshold for lead of 1,000 mg/kg (TTLC) for three of the four paint samples at concentrations ranging from 862 to 2,360 mg/kg. Total chromium was reported for each sample at concentrations ranging from 300 to 852 mg/kg, less than the California hazardous waste threshold for chromium of 2,500 mg/kg (TTLC).

The four paint samples were composited and further analyzed for TCLP soluble lead and TCLP soluble chromium. TCLP soluble lead and TCLP soluble chromium were reported for the composite paint sample at 5.75 and 1.28 mg/l, respectively. The analytical results of the paint samples are summarized on Table 3. Laboratory reports and chain-of-custody documentation are presented in Appendix A.

5.4 Laboratory Quality Assurance/Quality Control

We reviewed the laboratory QA/QC provided with the laboratory report. The data show acceptable surrogate recoveries and non-detect results for the method blanks. However, the relative percent differences (RPDs) for Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples 80356, 80357, 82421, 82422 were outside the RPD limit. The laboratory states that “High RPD due to high sample concentration. Loss MS/MSD recoveries due to sample matrix effect.” The RPD for duplicate sample 82431 was also outside the RPD limit. The laboratory states that “High RPD due to sample matrix effect.” Percent recoveries for MS and MSD for lead and chromium are also outside recovery criteria for samples 80356 and 80357. The laboratory states “Poor MS/MSD recoveries due to high sample concentration.” The data showed acceptable recoveries and RPDs for the remainder of the matrix spikes and duplicates. Based on this limited data review, no additional qualifications of the soil data are necessary, and the data are of sufficient quality for the purposes of this report.

5.5 Statistical Evaluation for Lead Detected in Soil Samples

Statistical analysis was performed on three different sample populations as requested by Caltrans. Sample population A consists of soil samples collected from borings B1 through B17 and NB1 through NB5. Sample population B consists of soil samples collected from borings SB1 through SB18. Sample population C consists of soil samples collected from borings B1 through B17, NB1 through NB5 and SB1 through SB18.

Statistical methods were applied to the total lead data to evaluate: 1) the upper confidence limits (UCLs) of the true means of the total lead concentrations for each sampling depth; and 2) if an acceptable correlation between total and soluble lead concentrations exists that would allow the prediction of soluble lead concentrations based on calculated UCLs. The statistical methods used are discussed in a book entitled *Statistical Methods for Environmental Pollution Monitoring*, by Richard Gilbert; in an EPA *Technology Support Center Issue* document entitled, *The Lognormal Distribution in Environmental Applications*, by Ashok Singh et. al., dated December 1997; and in a book entitled *An Introduction to the Bootstrap*, by Bradley Efron and Robert J. Tibshirani.

5.5.1 Total Lead Distribution

The presence of non-detects and/or low concentrations in total lead data sets can strongly skew sample data towards low values. In these cases, the data are often lognormally distributed or non-parametric

and classical statistical methods do not work properly since they assume that the data exhibit an underlying normal distribution. Consequently, it is necessary to apply the appropriate method when determining the UCLs on the true total lead means.

5.5.2 Calculating the UCLs for the True Mean

The upper one-sided 90% and 95% UCLs of the true mean are defined as the values that, when calculated repeatedly for randomly drawn subsets of site data, equal or exceed the true mean 90% and 95% of the time, respectively. Statistical confidence limits are the classical tool for addressing uncertainties of a distribution mean. The UCLs of the true mean concentration are used as the mean concentrations because it is not possible to know the true mean due to the essentially infinite number of soil samples that could be collected from a site. The UCLs therefore account for uncertainties due to limited sampling data. As data become less limited at a site, uncertainties decrease and the UCLs move closer to the true mean.

Non-parametric bootstrap techniques used to calculate the UCLs are discussed in the previously referenced EPA document and in *An Introduction to the Bootstrap*. The bootstrap results are included in Appendix B. The calculated UCLs and statistical results for each sample population are summarized in the tables below:

**Sample Population A
(Borings B1 through B17 and NB1 through NB5)**

SAMPLE INTERVAL (feet)	90% TOTAL LEAD UCL (mg/kg)	95% TOTAL LEAD UCL (mg/kg)	TOTAL LEAD MEAN (mg/kg)	MINIMUM VALUE (mg/kg)	MAXIMUM VALUE (mg/kg)
0.0 to 0.5	520.6	563.9	368.5	3.71	2,540
0.5 to 1.0	25.7	27.9	18.2	2.85	122
1.0 to 2.0	27.7	30.6	16.2	3.01	188
2.0 to 3.0	15.2	16.5	11.3	4.13	61.7
3.0 to 4.0	8.53	8.72	7.89	2.86	13.7

**Sample Population B
(Borings SB1 through SB18)**

SAMPLE INTERVAL (feet)	90% TOTAL LEAD UCL (mg/kg)	95% TOTAL LEAD UCL (mg/kg)	TOTAL LEAD MEAN (mg/kg)	MINIMUM VALUE (mg/kg)	MAXIMUM VALUE (mg/kg)
0.0 to 0.5	157.4	180.7	88.7	5.99	440
0.5 to 1.0	29.8	32.1	21.3	3.30	48.7
1.0 to 2.0	16.4	17.3	12.4	3.41	24.3
2.0 to 3.0	14.5	15.6	10.6	4.42	28.1
3.0 to 4.0	41.1	46.4	22.3	4.18	121

Sample Population C
(Borings B1 through B17, NB1 through NB5 and SB1 through SB18)

SAMPLE INTERVAL (feet)	90% TOTAL LEAD UCL (mg/kg)	95% TOTAL LEAD UCL (mg/kg)	TOTAL LEAD MEAN (mg/kg)	MINIMUM VALUE (mg/kg)	MAXIMUM VALUE (mg/kg)
0.0 to 0.5	426.2	459.6	301.0	3.71	2,540
0.5 to 1.0	24.8	26.8	18.9	2.85	122
1.0 to 2.0	23.9	25.9	15.3	3.01	188
2.0 to 3.0	14.1	15.0	11.1	4.13	61.7
3.0 to 4.0	18.1	19.8	12.1	2.86	121

5.5.3 Correlation of Total and Soluble Lead

Total and corresponding soluble (WET) lead concentrations are bivariate data with a linear structure. This linear structure should allow for the prediction of soluble lead (WET) concentrations based on the UCLs calculated above in Section 5.5.2.

To estimate the degree of interrelation between total and corresponding soluble (WET) lead values (x and y , respectively), the *correlation coefficient* [r] is used. The correlation coefficient is a ratio that ranges from +1 to -1. A *correlation coefficient* of +1 indicates a perfect direct relationship between two variables; a *correlation coefficient* of -1 indicates that one variable changes inversely with relation to the other. Between the two extremes is a spectrum of less-than-perfect relationships, including zero, which indicates the lack of any sort of linear relationship at all. The *correlation coefficient* for the data set was calculated for the 52 (x , y) data points (i.e., soil samples analyzed for both total lead [x] and soluble [WET] lead [y]) and equaled 0.973. A *correlation coefficient* greater than or equal to 0.8 is an acceptable indicator that a correlation exists.

For the *correlation coefficient* that indicates a linear relationship between total and soluble (WET) lead concentrations, it is possible to compute the line of dependence or a best-fit line between the two variables. A least squares method was used to find the equation of a best-fit line (regression line) by forcing the y-intercept equal to zero since that is a known point. The equation of the regression line was determined to be $y = 0.0437(x)$, where x represents total lead concentrations and y represents predicted soluble lead (WET) concentrations.

This equation was used to estimate the expected WET soluble lead concentrations for the UCLs calculated in Section 5.5.2. For those samples in which soluble (WET) lead was not detected at concentrations exceeding the laboratory MRL, a value equal to one-half of the MRL was used in the regression. Regression analysis results and a scatter plot depicting the 52 (x , y) data points along with

the regression line are included in Appendix B. The predicted WET soluble lead concentrations are summarized in the tables below.

**Sample Population A
(Borings B1 through B17 and NB1 through NB5)**

SAMPLE INTERVAL (feet)	90% TOTAL LEAD UCL (mg/kg)	PREDICTED SOLUBLE LEAD (mg/l)	95% TOTAL LEAD UCL (mg/kg)	PREDICTED SOLUBLE LEAD (mg/l)
0.0 to 0.5	520.6	22.8	563.9	24.6
0.5 to 1.0	25.7	1.1	27.9	1.2
1.0 to 2.0	27.7	1.2	30.6	1.3
2.0 to 3.0	15.2	0.7	16.5	0.7
3.0 to 4.0	8.53	0.4	8.72	0.4

Equation of the regression line: $y = 0.0437x$

**Sample Population B
(Borings SB1 through SB18)**

SAMPLE INTERVAL (feet)	90% TOTAL LEAD UCL (mg/kg)	PREDICTED SOLUBLE LEAD (mg/l)	95% TOTAL LEAD UCL (mg/kg)	PREDICTED SOLUBLE LEAD (mg/l)
0.0 to 0.5	157.4	6.9	180.7	7.9
0.5 to 1.0	29.8	1.3	32.1	1.4
1.0 to 2.0	16.4	0.7	17.3	0.8
2.0 to 3.0	14.5	0.6	15.6	0.7
3.0 to 4.0	41.1	1.8	46.4	2.0

Equation of the regression line: $y = 0.0437x$

**Sample Population C
(Borings B1 through B17, NB1 through NB5 and SB1 through SB18)**

SAMPLE INTERVAL (feet)	90% TOTAL LEAD UCL (mg/kg)	PREDICTED SOLUBLE LEAD (mg/l)	95% TOTAL LEAD UCL (mg/kg)	PREDICTED SOLUBLE LEAD (mg/l)
0.0 to 0.5	426.2	18.6	459.6	20.1
0.5 to 1.0	24.8	1.1	26.8	1.2
1.0 to 2.0	23.9	1.0	25.9	1.1
2.0 to 3.0	14.1	0.6	15.0	0.7
3.0 to 4.0	18.1	0.8	19.8	0.9

Equation of the regression line: $y = 0.0437x$

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 ADL Soil Waste Disposal/Reuse Classification

Summarized below are the total lead UCLs, predicted soluble (WET) lead concentrations that correspond with the UCLs, and the waste classification for soil generated for the different excavation scenarios discussed in Section 5.5.3. The information presented hereinafter may be utilized during evaluation of disposal options for excess soil materials generated during construction of drainage and median barrier improvements within the areas investigated.

Utilizing the calculated UCLs, the following excavation scenarios were evaluated for each sample population:

- Excavation Scenario 1: Excavate the top 0.5 ft of soil.
- Excavation Scenario 2: Excavate the top 1.0 ft of soil.
- Excavation Scenario 3: Excavate the top 2.0 ft of soil.
- Excavation Scenario 4: Excavate the top 3.0 ft of soil.
- Excavation Scenario 5: Excavate the top 4.0 ft of soil.

To evaluate expected total lead concentrations for the different excavation scenarios, weighted averages of respective UCLs were calculated based on the excavation scenarios. The following tables summarize how excavated soil generated at each designated area within the Site is expected to be classified.

6.1.1 Sample Population A - Borings B1 through B17 and NB1 through NB5

**Table 6.1.1A
Excavation Scenarios if Soil will be Disposed of as a Waste**

Excavation Scenario	95% UCL	Predicted Soluble Lead (WET)	Classification
Scenario 1			
Excavate top 0.5 foot	563.9 mg/kg	24.6 mg/l	California-hazardous
Underlying Soil – 0.5 to 4.0 ft	19.9 mg/kg	0.9 mg/l	Non-hazardous
Scenario 2			
Excavate top 1.0 foot	295.9 mg/kg	12.9 mg/l	California-hazardous
Underlying Soil – 1.0 to 4.0 ft	18.6 mg/kg	0.8 mg/l	Non-hazardous
Scenario 3			
Excavate top 2.0 ft	163.3 mg/kg	7.1 mg/l	California-hazardous
Underlying Soil – 2.0 to 4.0 ft	12.6 mg/kg	0.6 mg/l	Non-hazardous

Excavation Scenario	95% UCL	Predicted Soluble Lead (WET)	Classification
Scenario 4			
Excavate top 3.0 ft	114.3 mg/kg	5.0 mg/l	California-hazardous
Underlying Soil – 3.0 to 4.0 ft	8.72 mg/kg	0.4 mg/l	Non-hazardous
Scenario 5			
Excavate top 4.0 ft	87.9 mg/kg	3.8 mg/l	Non-hazardous

Based on the information in Table 6.1.1A, soil between 0.5 and 4.0 ft in depth, or the top 4.0-foot soil profile (Scenario 5) where excavated as a whole during planned grading operations, may be disposed of as non-hazardous soil since the predicted soluble (WET) lead concentrations are less than the STLC value for lead of 5.0 mg/l. Soil generated from the top 0.5 to 3.0 ft (Scenarios 1 through 4) will be classified as a California-hazardous waste, since the predicted soluble (WET) lead concentrations are greater than the lead STLC of 5.0 mg/l. If excavated separately, the top 0.5 foot of soil should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

**Table 6.1.1B
Excavation Scenarios if Soil will be Reused Onsite**

Excavation Scenario	90% UCL	Predicted Soluble Lead (WET)	Classification
Scenario 1			
Excavate top 0.5 foot	520.6 mg/kg	22.8 mg/l	California-hazardous
Underlying Soil – 0.5 to 4.0 ft	18.4 mg/kg	0.8 mg/l	Non-hazardous
Scenario 2			
Excavate top 1.0 foot	273.2 mg/kg	11.9 mg/l	California-hazardous
Underlying Soil – 1.0 to 4.0 ft	17.1 mg/kg	0.7 mg/l	Non-hazardous
Scenario 3			
Excavate top 2.0 ft	150.4 mg/kg	6.6 mg/l	California-hazardous
Underlying Soil – 2.0 to 4.0 ft	11.9 mg/kg	0.5 mg/l	Non-hazardous
Scenario 4			
Excavate top 3.0 ft	105.4 mg/kg	4.6 mg/l	Non-hazardous
Underlying Soil – 3.0 to 4.0 ft	8.5 mg/kg	0.4 mg/l	Non-hazardous
Scenario 5			
Excavate top 4.0 ft	81.1 mg/kg	3.5 mg/l	Non-hazardous

Based on the information in Table 6.1.1B, soil between 0.5 and 4.0 ft in depth, or the top 3.0-to 4.0-foot soil profile (Scenarios 4 and 5) where excavated as a whole during planned grading operations, may be reused onsite as non-hazardous soil since the predicted soluble (WET) lead concentrations are less than the STLC value for lead of 5.0 mg/l. Soil generated from the top 0.5 to 2.0 ft of soil

(Scenarios 1 through 3) will be classified as a California-hazardous waste, since the predicted soluble (WET) lead concentrations are greater than the lead STLC of 5.0 mg/l. If excavated separately, the top 0.5 foot of soil should be either (1) managed as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

6.1.2 Sample Population B - Borings SB1 through SB18

**Table 6.1.2A
Excavation Scenarios if Soil will be Disposed of as a Waste**

Excavation Scenario	95% UCL	Predicted Soluble Lead (WET)	Classification
Scenario 1			
Excavate top 0.5 foot	180.7 mg/kg	7.9 mg/l	California-hazardous
Underlying Soil – 0.5 to 4.0 ft	27.2 mg/kg	1.2 mg/l	Non-hazardous
Scenario 2			
Excavate top 1.0 foot	106.4 mg/kg	4.6 mg/l	Non-hazardous
Underlying Soil – 1.0 to 4.0 ft	26.4 mg/kg	1.2 mg/l	Non-hazardous
Scenario 3			
Excavate top 2.0 ft	61.9 mg/kg	2.7 mg/l	Non-hazardous
Underlying Soil – 2.0 to 4.0 ft	31.0 mg/kg	1.4 mg/l	Non-hazardous
Scenario 4			
Excavate top 3.0 ft	46.4 mg/kg	2.0 mg/l	Non-hazardous
Underlying Soil – 3.0 to 4.0 ft	46.4 mg/kg	2.0 mg/l	Non-hazardous
Scenario 5			
Excavate top 4.0 ft	46.4 mg/kg	2.0 mg/l	Non-hazardous

Based on the information in Table 6.1.2A, soil between 0.5 and 4.0 ft in depth, or the top 1.0-to 4.0-foot soil profile (Scenarios 2 through 5) where excavated as a whole during planned grading operations, may be disposed of as non-hazardous soil since the predicted soluble (WET) lead concentrations are less than the STLC value for lead of 5.0 mg/l. Soil generated from the top 0.5 foot (Scenario 1) will be classified as a California-hazardous waste, since the predicted soluble (WET) lead concentration is greater than the lead STLC of 5.0 mg/l. If excavated separately, the top 0.5 foot of soil should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

**Table 6.1.2B
Excavation Scenarios if Soil will be Reused Onsite**

Excavation Scenario	90% UCL	Predicted Soluble Lead (WET)	Classification
Scenario 1			
Excavate top 0.5 foot	157.4 mg/kg	6.9 mg/l	California-hazardous
Underlying Soil – 0.5 to 4.0 ft	24.8 mg/kg	1.1 mg/l	Non-hazardous
Scenario 2			
Excavate top 1.0 foot	93.6 mg/kg	4.1 mg/l	Non-hazardous
Underlying Soil – 1.0 to 4.0 ft	24.0 mg/kg	1.0 mg/l	Non-hazardous
Scenario 3			
Excavate top 2.0 ft	55.0 mg/kg	2.4 mg/l	Non-hazardous
Underlying Soil – 2.0 to 4.0 ft	27.8 mg/kg	1.2 mg/l	Non-hazardous
Scenario 4			
Excavate top 3.0 ft	41.5 mg/kg	1.8 mg/l	Non-hazardous
Underlying Soil – 3.0 to 4.0 ft	41.1 mg/kg	1.8 mg/l	Non-hazardous
Scenario 5			
Excavate top 4.0 ft	41.4 mg/kg	1.8 mg/l	Non-hazardous

Based on the information in Table 6.1.2B, soil between 0.5 and 4.0 ft in depth, or the top 1.0-to 4.0-foot soil profile (Scenarios 2 through 5) where excavated as a whole during planned grading operations, may be reused onsite as non-hazardous soil since the predicted soluble (WET) lead concentrations are less than the STLC value for lead of 5.0 mg/l. Soil generated from the top 0.5 foot (Scenario 1) will be classified as a California-hazardous waste, since the predicted soluble (WET) lead concentration is greater than the lead STLC of 5.0 mg/l. If excavated separately, the top 0.5 foot of soil should be either (1) managed as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

6.1.3 Sample Population C - Borings B1 through B17, NB1 through NB5 and SB1 through SB18

**Table 6.1.3A
Excavation Scenarios if Soil will be Disposed of as a Waste**

Excavation Scenario	95% UCL	Predicted Soluble Lead (WET)	Classification
Scenario 1			
Excavate top 0.5 foot	459.6 mg/kg	20.1 mg/l	California-hazardous
Underlying Soil – 0.5 to 4.0 ft	21.2 mg/kg	0.9 mg/l	Non-hazardous
Scenario 2			
Excavate top 1.0 foot	243.2 mg/kg	10.6 mg/l	California-hazardous
Underlying Soil – 1.0 to 4.0 ft	20.2 mg/kg	0.9 mg/l	Non-hazardous

Excavation Scenario	95% UCL	Predicted Soluble Lead (WET)	Classification
Scenario 3			
Excavate top 2.0 ft	134.6 mg/kg	5.9 mg/l	California-hazardous
Underlying Soil – 2.0 to 4.0 ft	17.4 mg/kg	0.8 mg/l	Non-hazardous
Scenario 4			
Excavate top 3.0 ft	94.7 mg/kg	4.1 mg/l	Non-hazardous
Underlying Soil – 3.0 to 4.0 ft	19.8 mg/kg	0.9 mg/l	Non-hazardous
Scenario 5			
Excavate top 4.0 ft	76.0 mg/kg	3.3 mg/l	Non-hazardous

Based on the information in Table 6.1.3A, soil between 0.5 and 4.0 ft in depth, or the top 3.0-to 4.0-foot soil profile (Scenarios 4 and 5) where excavated as a whole during planned grading operations, may be disposed of as non-hazardous soil since the predicted soluble (WET) lead concentrations are less than the STLC value for lead of 5.0 mg/l. Soil generated from the top 0.5 to 2.0 ft (Scenarios 1 through 3) will be classified as a California-hazardous waste, since the predicted soluble (WET) lead concentrations are greater than the lead STLC of 5.0 mg/l. If excavated separately, the top 0.5 foot of soil should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

**Table 6.1.3B
Excavation Scenarios if Soil will be Reused Onsite**

Excavation Scenario	90% UCL	Predicted Soluble Lead (WET)	Classification
Scenario 1			
Excavate top 0.5 foot	426.2 mg/kg	18.6 mg/l	California-hazardous
Underlying Soil – 0.5 to 4.0 ft	19.6 mg/kg	0.9 mg/l	Non-hazardous
Scenario 2			
Excavate top 1.0 foot	225.5 mg/kg	9.9 mg/l	California-hazardous
Underlying Soil – 1.0 to 4.0 ft	18.7 mg/kg	0.8 mg/l	Non-hazardous
Scenario 3			
Excavate top 2.0 ft	124.7 mg/kg	5.4 mg/l	California-hazardous
Underlying Soil – 2.0 to 4.0 ft	16.1 mg/kg	0.7 mg/l	Non-hazardous
Scenario 4			
Excavate top 3.0 ft	87.8 mg/kg	3.8 mg/l	Non-hazardous
Underlying Soil – 3.0 to 4.0 ft	18.1 mg/kg	0.8 mg/l	Non-hazardous
Scenario 5			
Excavate top 4.0 ft	70.4 mg/kg	3.1 mg/l	Non-hazardous

Based on the information in Table 6.1.3B, soil between 0.5 and 4.0 ft in depth, or the top 3.0-to 4.0-foot soil profile (Scenarios 4 and 5) where excavated as a whole during planned grading operations, may be reused onsite as non-hazardous soil since the predicted soluble (WET) lead concentrations are less than the STLC value for lead of 5.0 mg/l. Soil generated from the top 0.5 to 2.0 ft of soil (Scenarios 1 through 3) will be classified as a California-hazardous waste, since the predicted soluble (WET) lead concentrations are greater than the lead STLC of 5.0 mg/l. If excavated separately, the top 0.5 foot of soil should be either (1) managed as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

If soil within the project limits is scarified in-place, moisture-conditioned, and recompactd during roadway improvement activities, it may not be considered a “waste.”

6.2 Yellow Traffic Stripe Paint Waste Classification/Disposal

The yellow traffic paint stripe was sampled per Caltrans request since it may be removed from the underlying asphalt concrete by grinding or sand blasting, which would create a paint waste stream. The highest reported levels of total lead and total chromium for the yellow traffic stripe paint samples were 2,360 mg/kg and 852 mg/kg, respectively. The reported TCLP soluble lead level for the composite paint sample was 5.75 mg/l. Since the TCLP soluble lead concentration is greater than the federal regulatory TCLP threshold of 5.0 mg/l for lead, the yellow traffic stripe paint may require disposal as a RCRA hazardous waste.

At the time of this report, design plans did not call for the grinding of the yellow paint stripe. The paint stripes will be removed along with the roadway and underlying sub-base. If design plans change, and grinding of the yellow paint stripe is required, additional analytical testing of the paint stripes may be required.

6.3 Worker Protection

Per Caltrans requirements, the contractor(s) should prepare a project-specific Lead Compliance Plan (CCR Title 8, Section 1532.1, the “Lead in Construction” standard) to minimize worker exposure to lead-impacted soil. The plan should include protocols for environmental and personnel monitoring, requirements for personal protective equipment, and other health and safety protocols and procedures for the handling of lead-impacted soil.

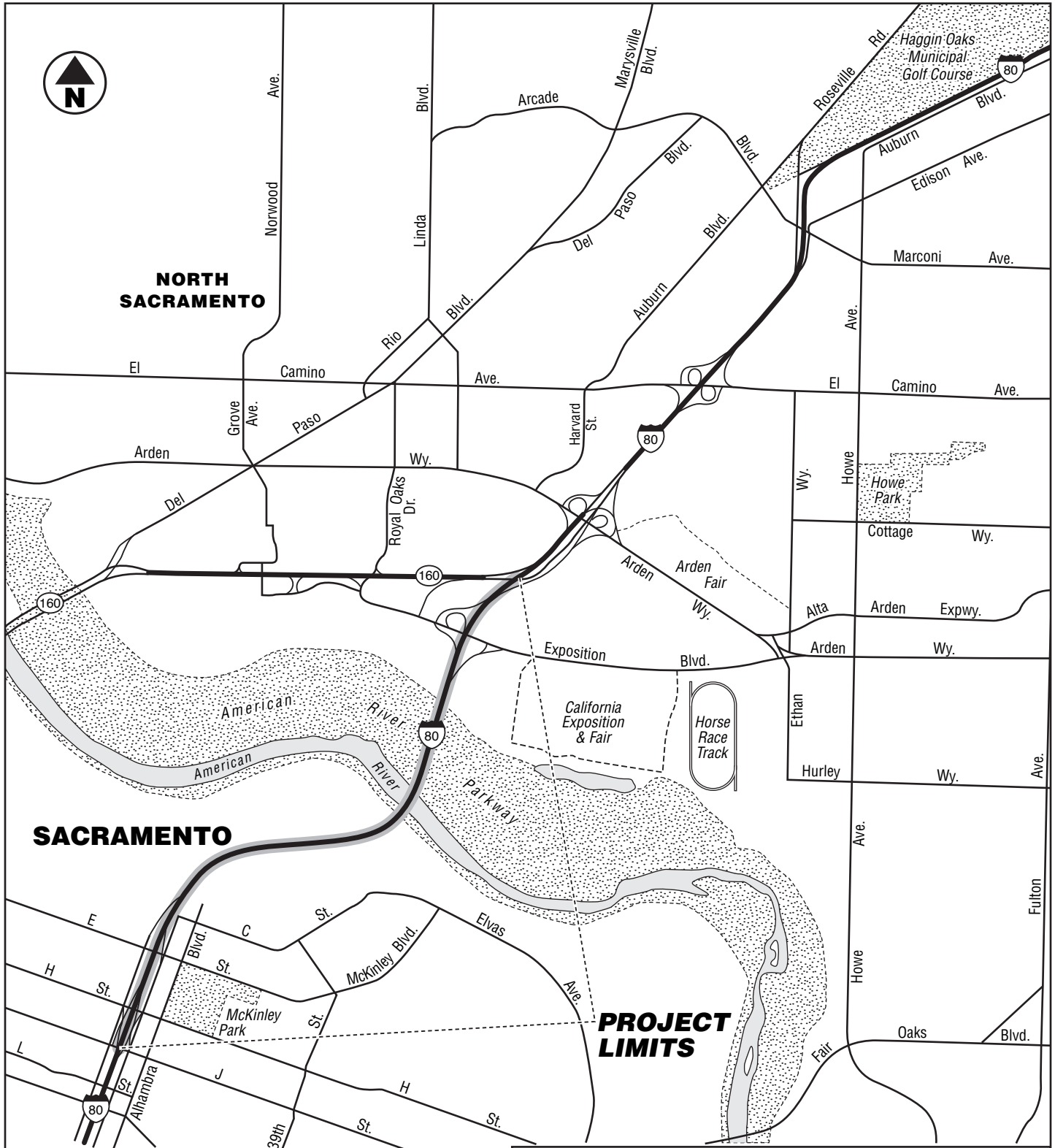
If design plans change so that grinding of the yellow paint stripe is required, and since paint at the Site contains lead and/or chromium which according to Caltrans may produce toxic fumes when heated, we recommend that a Health and Safety Plan be prepared to minimize worker exposure. The Health and Safety plan should include a discussion of the constituents of concern, routes of exposure, permissible

exposure limits, and personal protective measures. The health and safety plan should be reviewed and signed by the onsite construction workers prior to any field activities. We also recommend that contractors on the Site grinding asphalt which has been coated with yellow paint prepare a dust control plan. The dust control plan should include dust mitigation and monitoring procedures.

7.0 REPORT LIMITATIONS

This report has been prepared exclusively for Caltrans. The information contained herein is only valid as of the date of the report and will require an update to reflect additional information obtained.

This report is not a comprehensive site characterization and should not be construed as such. The findings as presented in this report are predicated on the results of the limited sampling and laboratory testing performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein. Therefore, the report should be deemed conclusive with respect to only the information obtained. We make no warranty, express or implied, with respect to the content of this report or any subsequent reports, correspondence or consultation. We strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.



GEOCON

CONSULTANTS, INC.

3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742
 PHONE 916 852-9118 - FAX 916 852-9132



Highway 51 Post Mile 1.07 to 3.68

Sacramento County,
California

VICINITY MAP

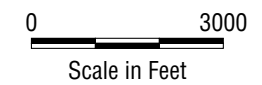
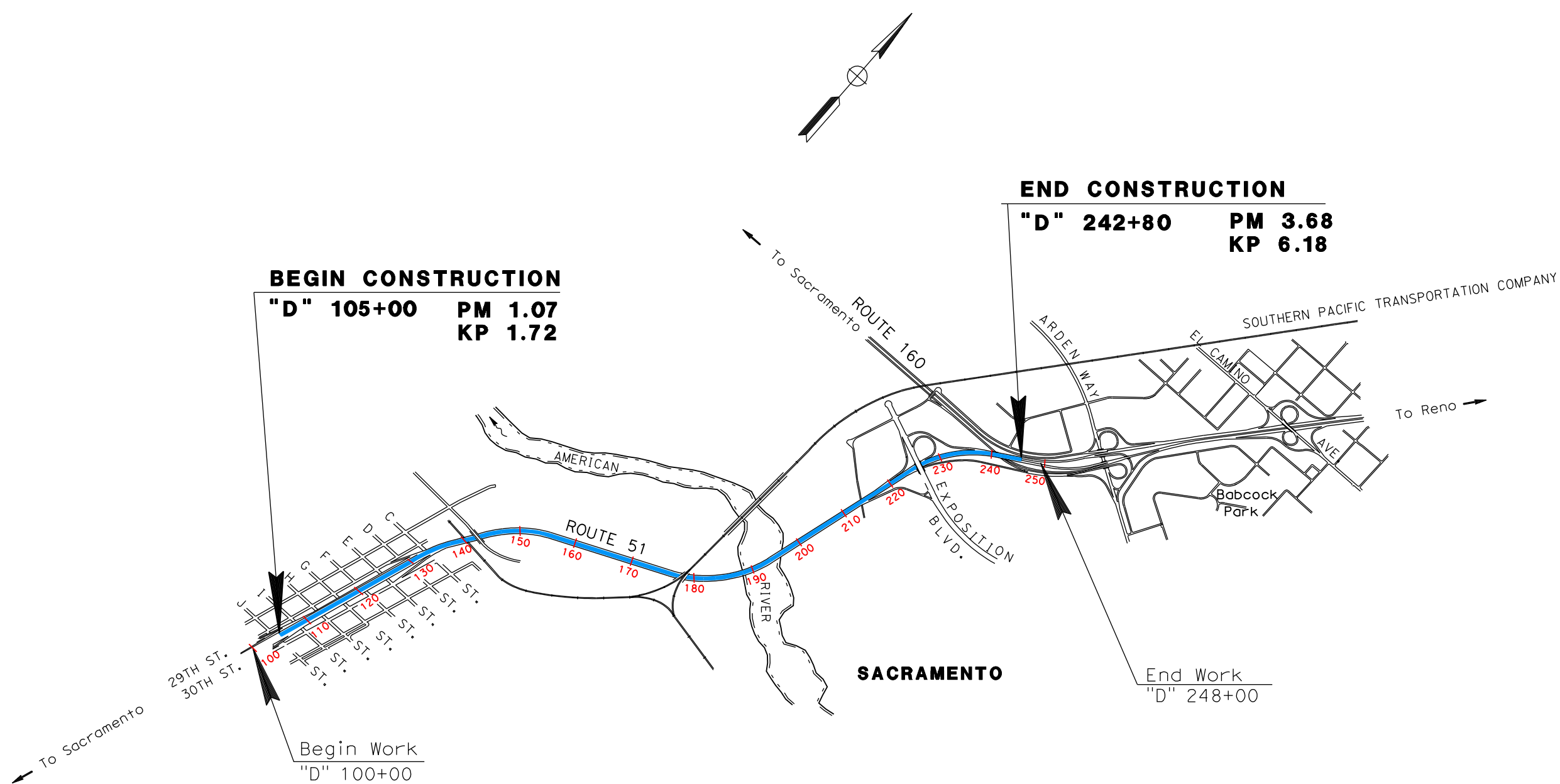
GEOCON Proj. No. S8875-06-152

Task Order No. 152

July 2007

Figure 1





GEOCON CONSULTANTS, INC. <small>3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916 852-9118 - FAX 916 852-9132</small>		
Highway 51 Post Mile 1.07 to 3.68		
Sacramento County, California		PROJECT LOCATION MAP
GEOCON Proj. No. S8875-06-152		
Task Order No. 152	July 2007	

BEGIN CONSTRUCTION
STA 8+82
KM 1.72 **PM 1.07**
PROPOSED MEDIAN BARRIER



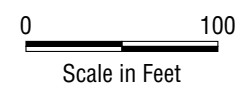
LEGEND:
NB1 Approximate Direct-Push Boring Location
PC1 Approximate Paint Chip Sample Location



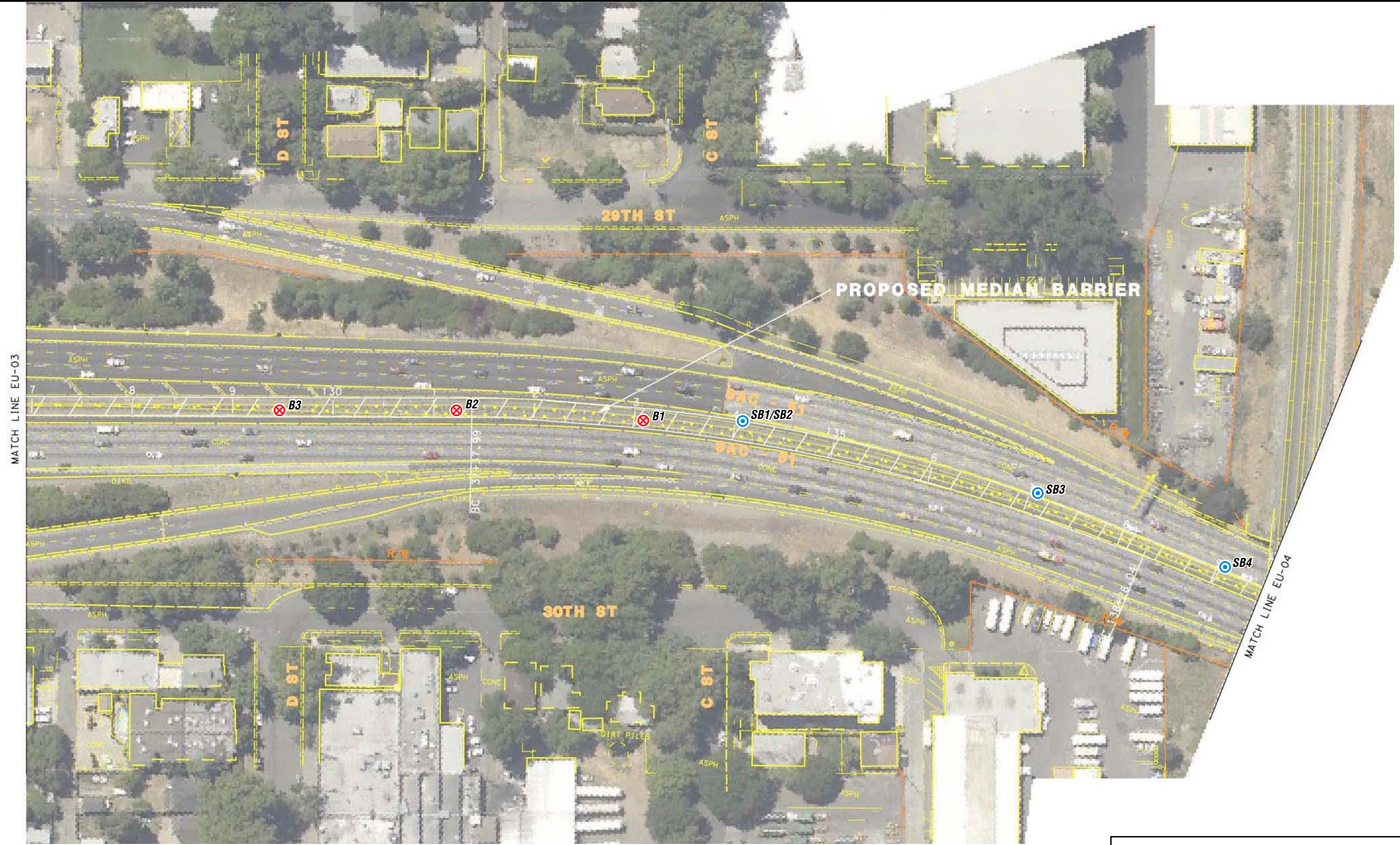
GEOCON CONSULTANTS, INC. <small>3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916 852-9118 - FAX 916 852-9132</small>		
Highway 51 Post Mile 1.07 to 3.68		
Sacramento County, California		SITE PLAN
GEOCON Proj. No. S8875-06-152		
Task Order No. 152	July 2007	Figure 3-1



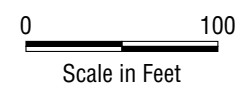
- LEGEND:
- NB1 Approximate Direct-Push Boring Location
 - B1 Approximate Hand-Auger Boring Location
 - PC1 Approximate Paint Chip Sample Location



<p>GEOCON CONSULTANTS, INC. 3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916 852-9118 - FAX 916 852-9132</p>		
<p>Highway 51 Post Mile 1.07 to 3.68</p>		
<p>Sacramento County, California</p>		<p>SITE PLAN</p>
<p>GEOCON Proj. No. S8875-06-152</p>		<p>Task Order No. 152</p>
<p>July 2007</p>		<p>Figure 3-2</p>

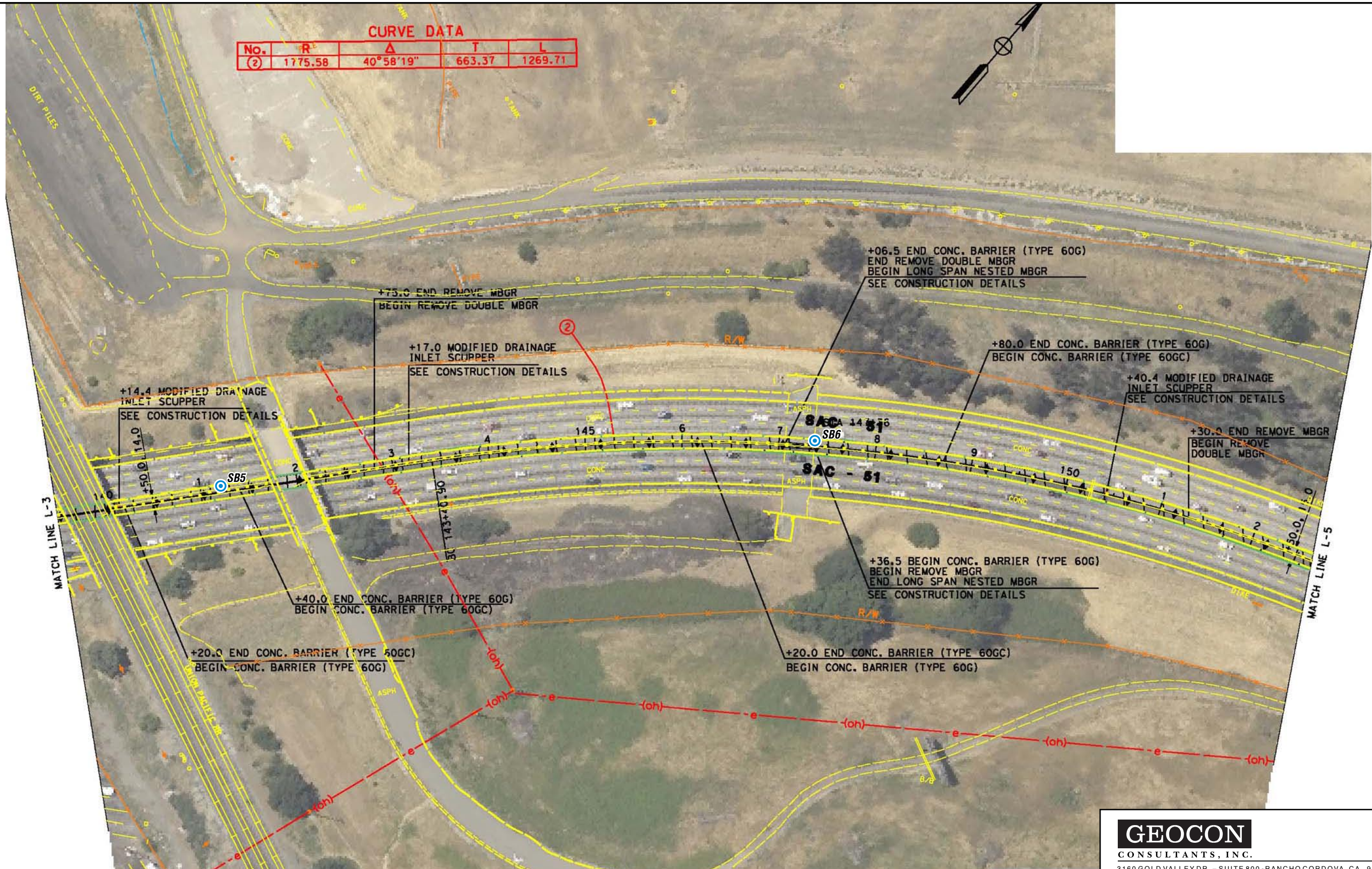


LEGEND:
NB1 Approximate Direct-Push Boring Location
B1 Approximate Hand-Auger Boring Location



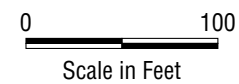
GEOCON CONSULTANTS, INC. <small>3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916 852-9118 - FAX 916 852-9132</small>			
Highway 51 Post Mile 1.07 to 3.68			
Sacramento County, California		SITE PLAN	
GEOCON Proj. No. S8875-06-152			
Task Order No. 152	July 2007	Figure 3-3	

CURVE DATA				
No.	R ^o	Δ	T	L
(2)	1775.58	40°58'19"	663.37	1269.71



LEGEND:

NB1 Approximate Direct-Push Boring Location



GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

Highway 51 Post Mile 1.07 to 3.68

Sacramento County,
California

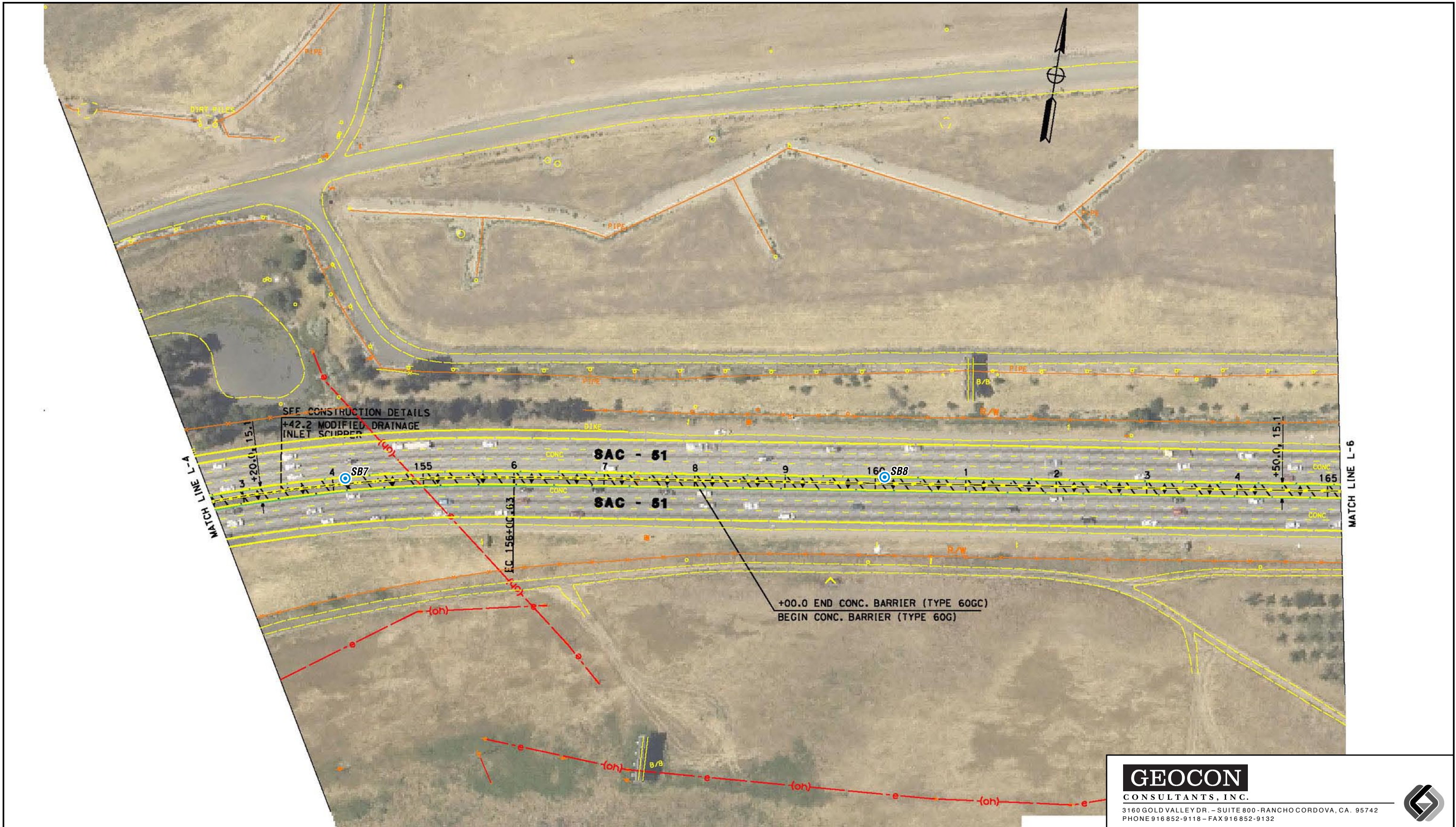
SITE PLAN

GEOCON Proj. No. S8875-06-152

Task Order No. 152

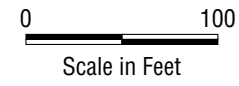
July 2007

Figure 3-4

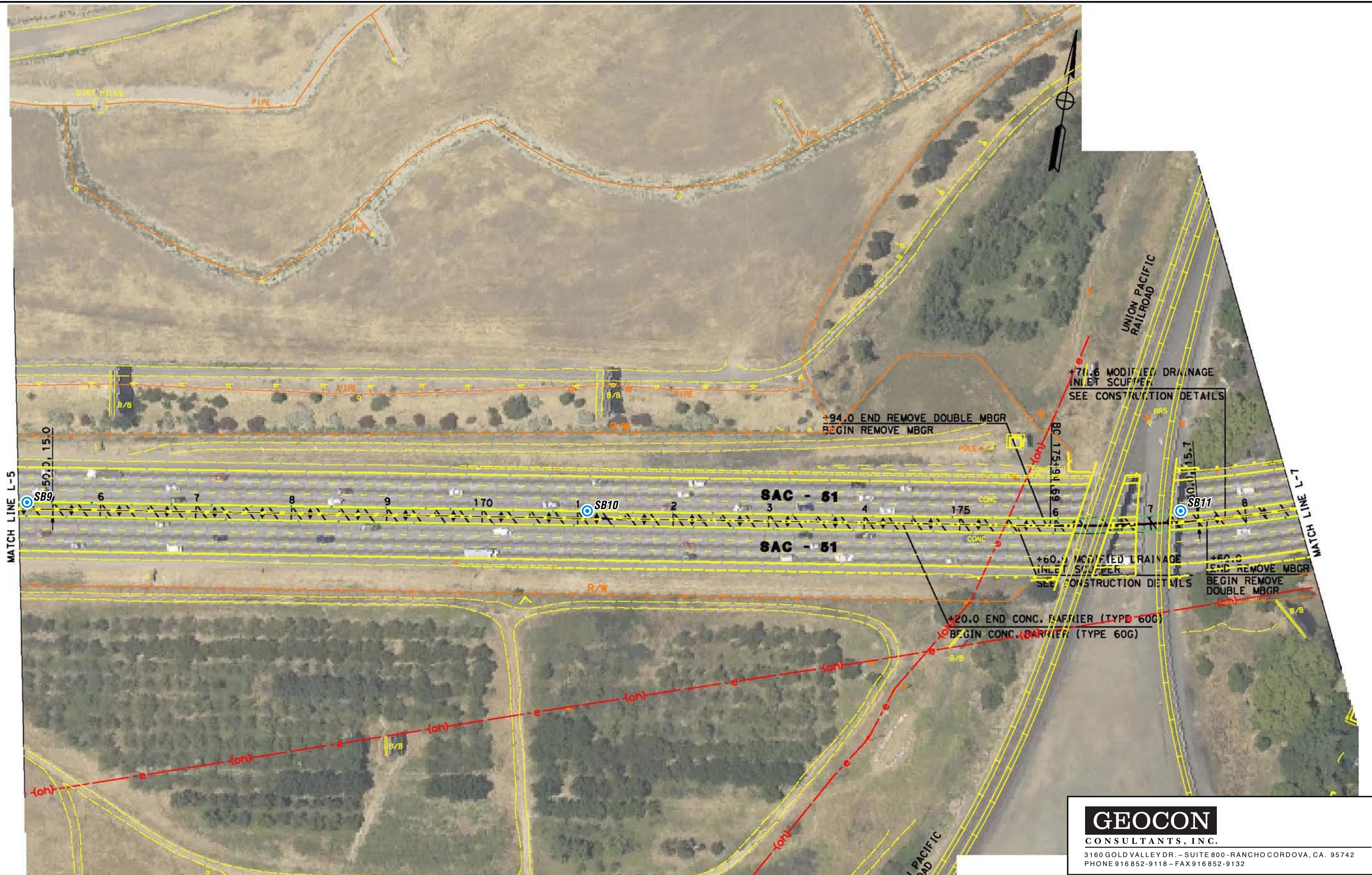


LEGEND:

NB1  Approximate Direct-Push Boring Location

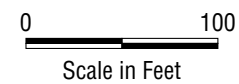


GEOCON CONSULTANTS, INC. <small>3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916 852-9118 - FAX 916 852-9132</small>		
Highway 51 Post Mile 1.07 to 3.68		
Sacramento County, California		SITE PLAN
GEOCON Proj. No. S8875-06-152		Figure 3-5
Task Order No. 152	July 2007	



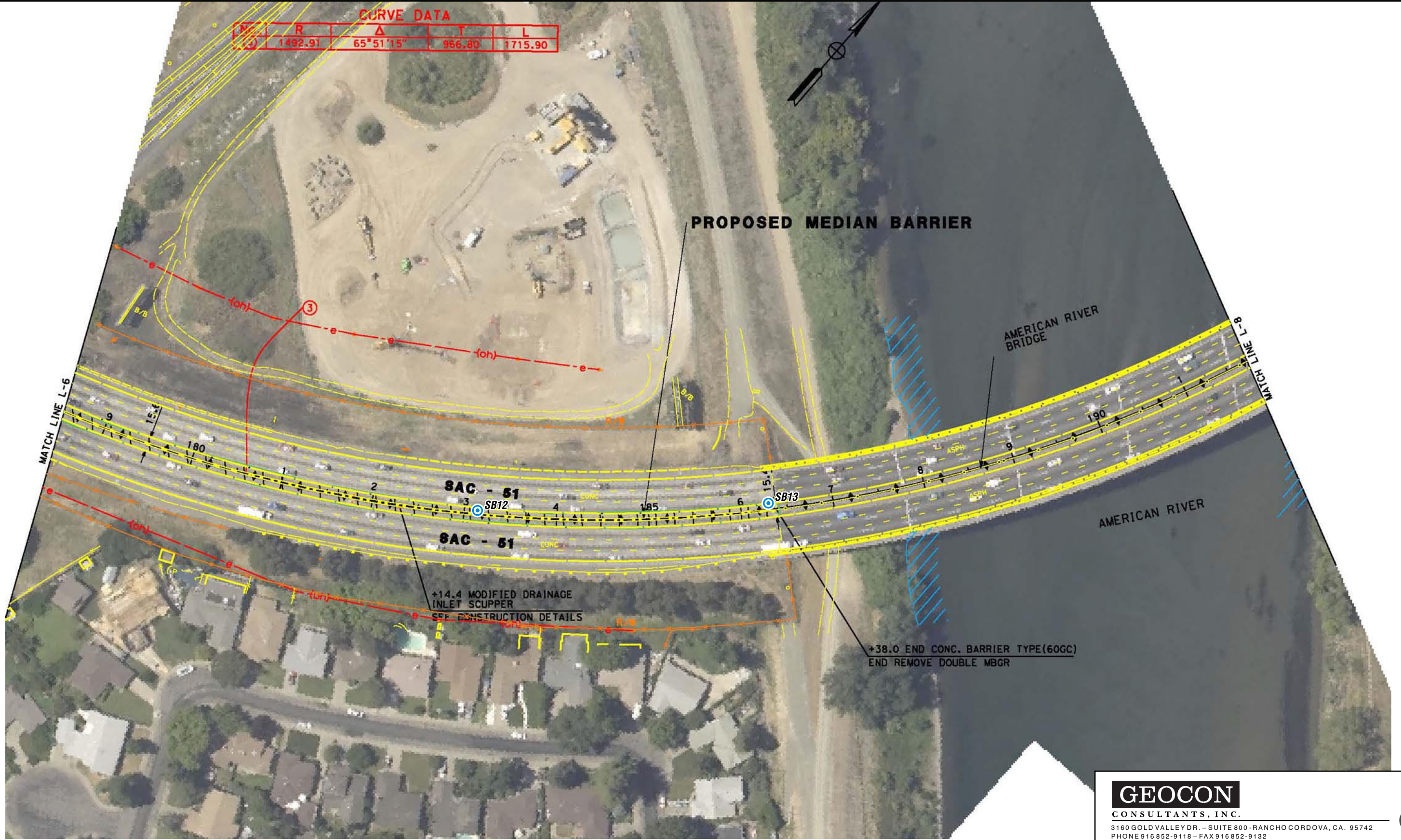
LEGEND:

NB1  Approximate Direct-Push Boring Location



 3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916 852-9118 - FAX 916 852-9132		
Highway 51 Post Mile 1.07 to 3.68		
Sacramento County, California		SITE PLAN
GEOCON Proj. No. S8875-06-152		
Task Order No. 152	July 2007	Figure 3-6

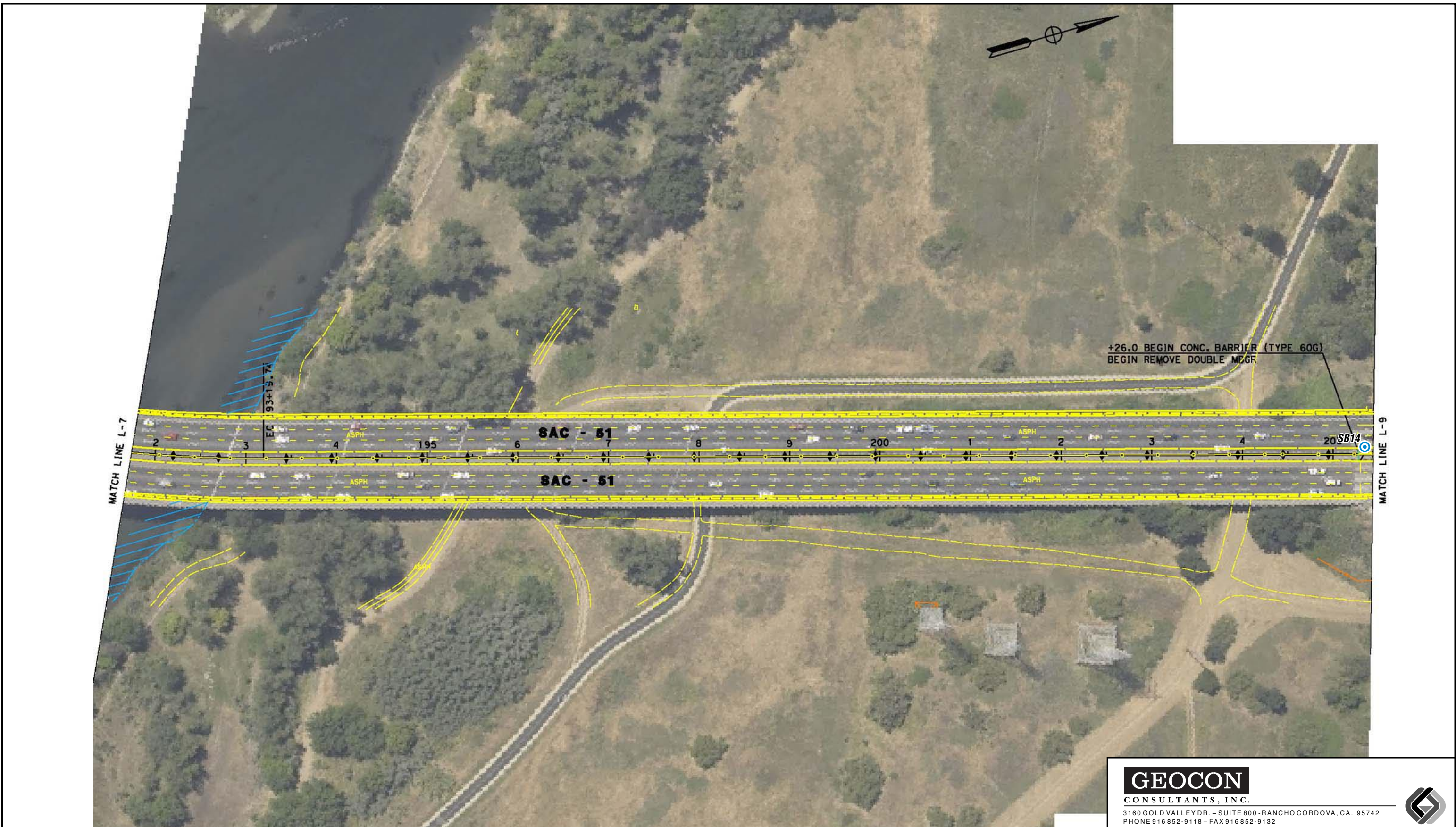
CURVE DATA				
No.	R	Δ	T	L
3	1492.91	65°51'15"	966.80	1715.90



LEGEND:
 NB1 Approximate Direct-Push Boring Location

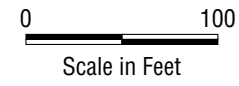


GEOCON CONSULTANTS, INC. <small>3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916 852-9118 - FAX 916 852-9132</small>		
Highway 51 Post Mile 1.07 to 3.68		
Sacramento County, California	SITE PLAN	
GEOCON Proj. No. S8875-06-152		
Task Order No. 152	July 2007	Figure 3-7

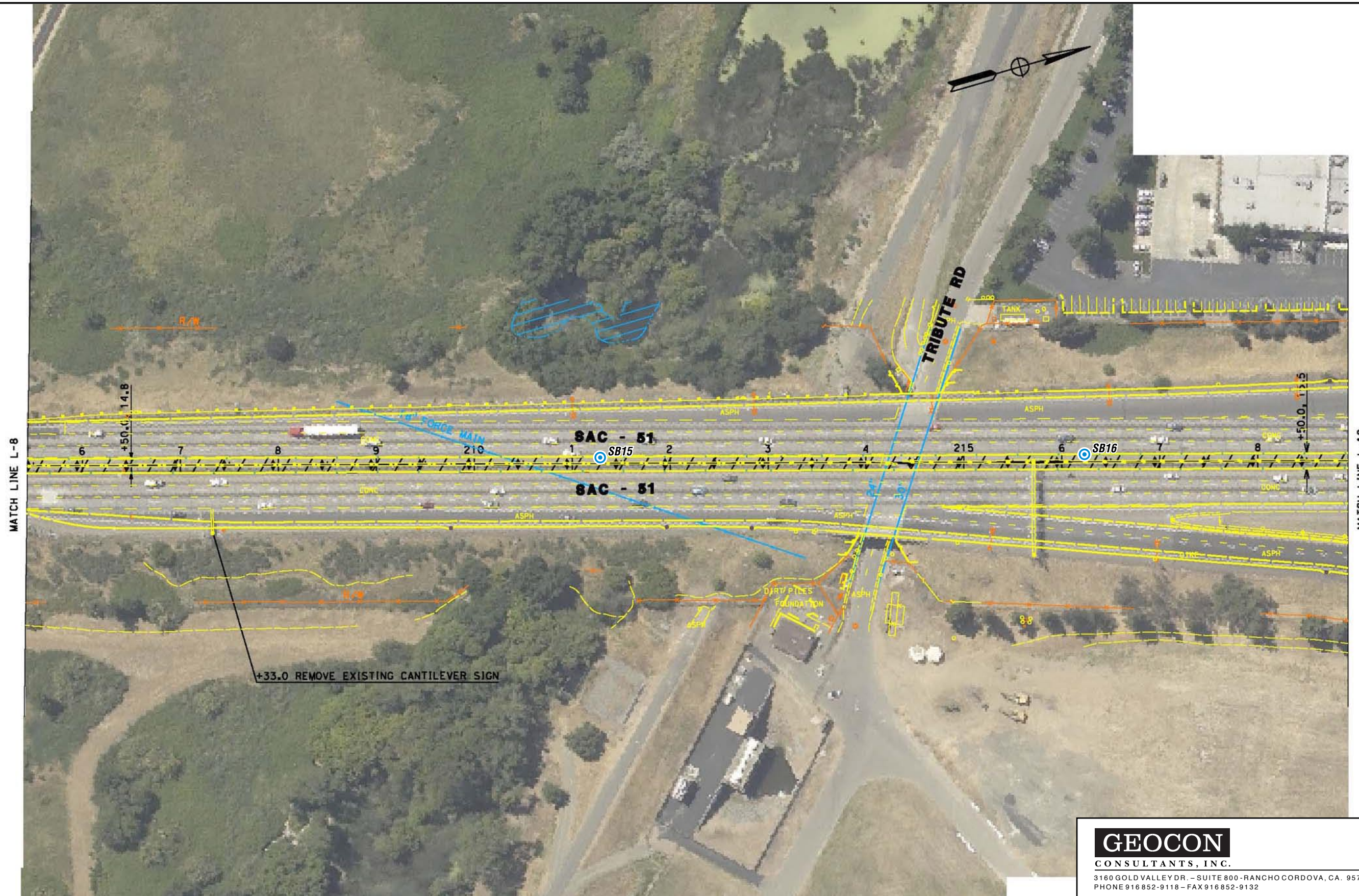


LEGEND:

NB1 Approximate Direct-Push Boring Location



GEOCON CONSULTANTS, INC. <small>3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916 852-9118 - FAX 916 852-9132</small>			
Highway 51 Post Mile 1.07 to 3.68			
Sacramento County, California		SITE PLAN	
GEOCON Proj. No. S8875-06-152			
Task Order No. 152	July 2007	Figure 3-8	



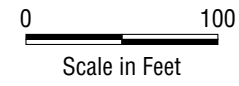
MATCH LINE L-8

MATCH LINE L-10

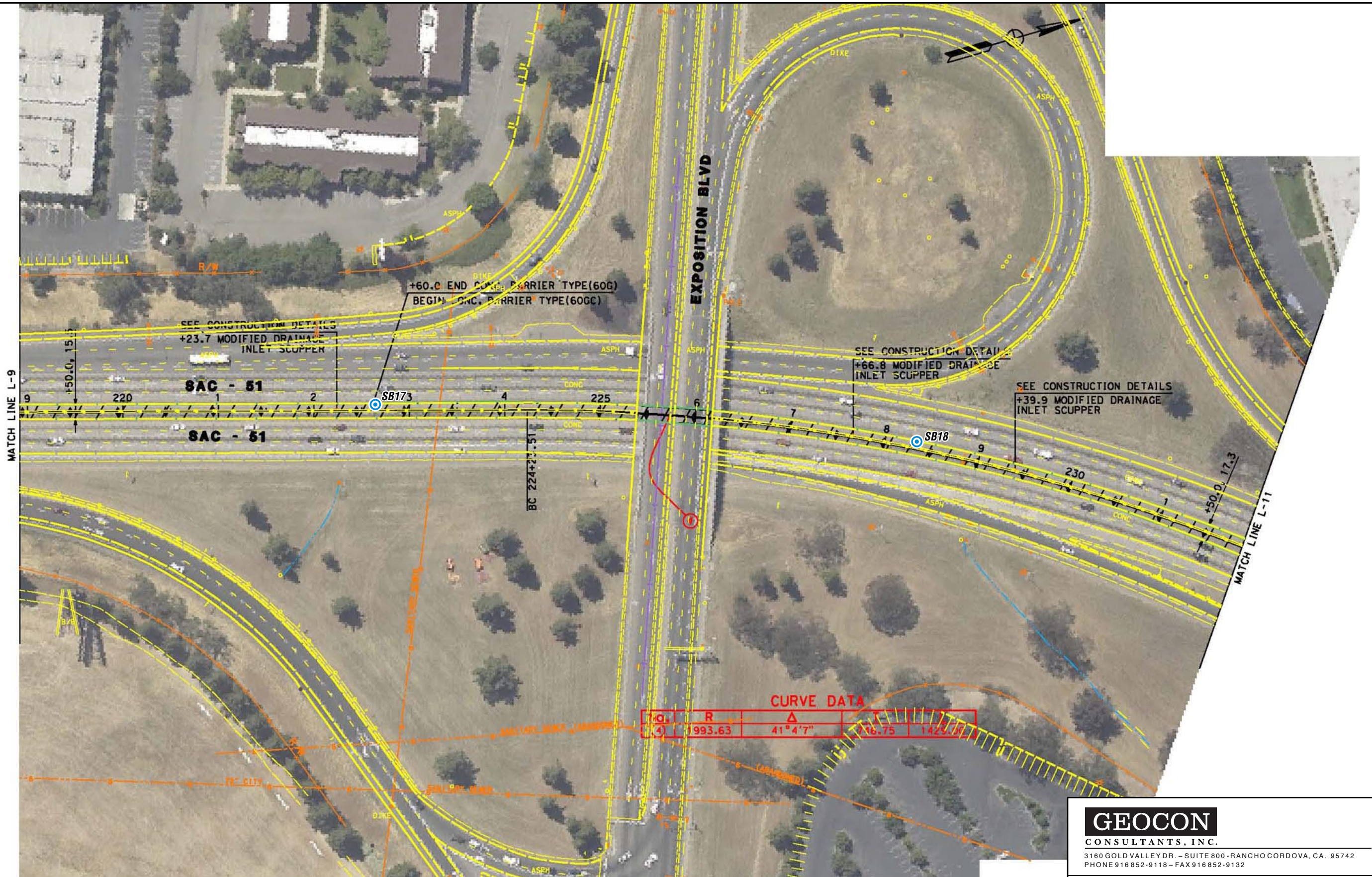


+33.0 REMOVE EXISTING CANTILEVER SIGN

LEGEND:
 NB1  Approximate Direct-Push Boring Location



GEOCON CONSULTANTS, INC. <small>3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916 852-9118 - FAX 916 852-9132</small>		
Highway 51 Post Mile 1.07 to 3.68		
Sacramento County, California		SITE PLAN
GEOCON Proj. No. S8875-06-152		
Task Order No. 152	July 2007	Figure 3-9



CURVE DATA

Sta.	R	Δ	T	L
(4)	1993.63	41°4'7"	116.75	1423.87

LEGEND:
 NB1 Approximate Direct-Push Boring Location



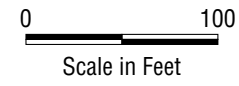
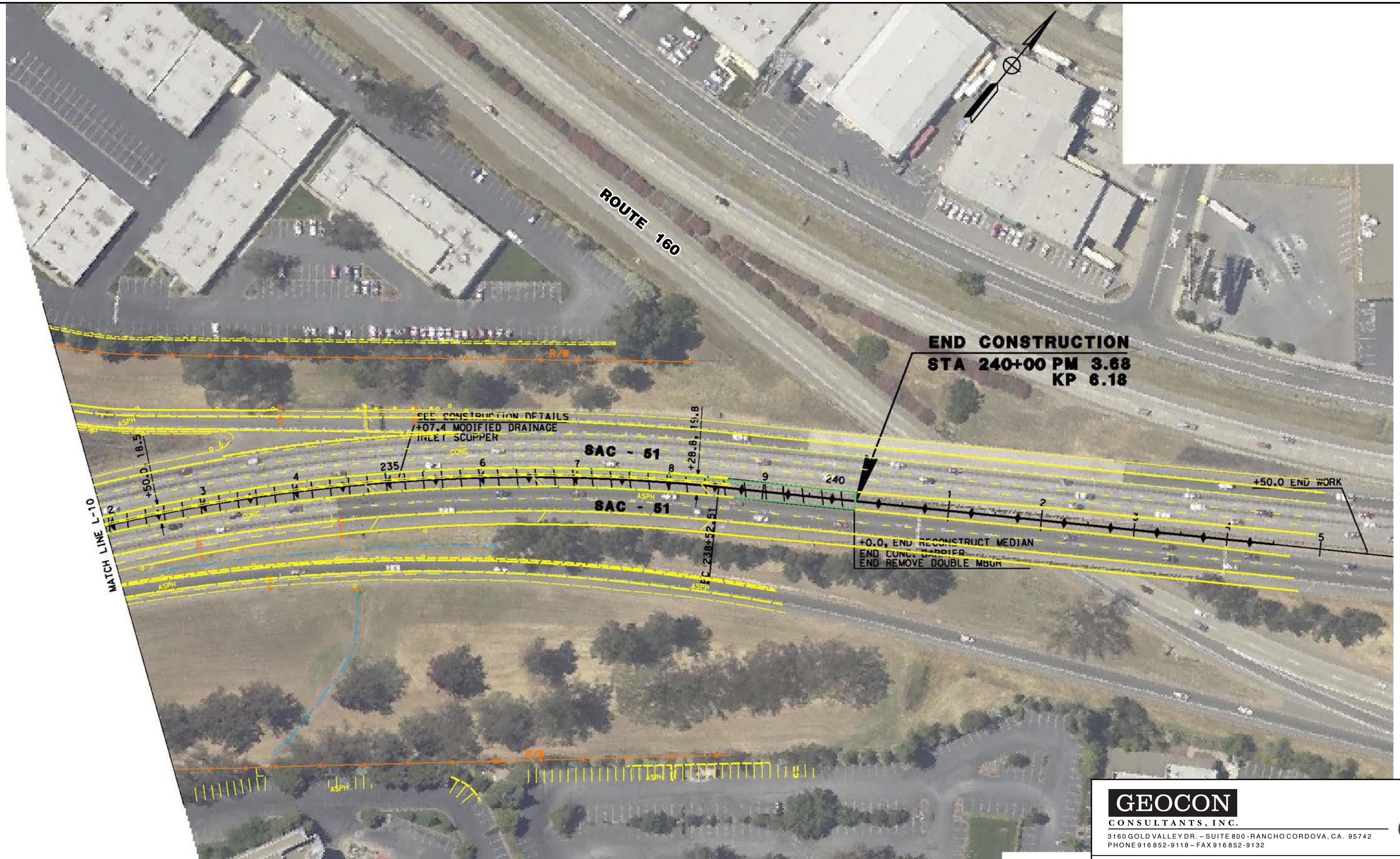
GEOCON
CONSULTANTS, INC.

3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

Highway 51 Post Mile 1.07 to 3.68

Sacramento County, California	SITE PLAN
GEOCON Proj. No. S8875-06-152	
Task Order No. 152	July 2007





GEOCON CONSULTANTS, INC. <small>3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916 852-9118 - FAX 916 852-9132</small>		
Highway 51 Post Mile 1.07 to 3.68		
Sacramento County, California		SITE PLAN
GEOCON Proj. No. S8875-06-152		
Task Order No. 152	July 2007	

TABLE 1
 SUMMARY OF SOIL BORING AND PAINT SAMPLE LOCATION COORDINATES
 CALTRANS TASK ORDER NO. 152
 HIGHWAY 51 POST MILE 1.07 TO 3.68
 SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	SAMPLE DATE	LATITUDE	LONGITUDE
B1	3/9/2007	38.580737944	-121.463980538
B2	3/9/2007	38.580309861	-121.464178929
B3	3/9/2007	38.579873563	-121.464398990
B4	3/9/2007	38.579240024	-121.464662136
B5	3/9/2007	38.578458900	-121.465032255
B6	3/9/2007	38.578258429	-121.465122943
B7	3/10/2007	38.577293789	-121.465549023
B8	3/10/2007	38.577145095	-121.465609278
B9	3/10/2007	38.576200509	-121.466020116
B10	3/10/2007	38.575995483	-121.466096400
B11	3/10/2007	38.575111430	-121.466493867
B12	3/10/2007	38.574311589	-121.466830105
B13	3/10/2007	38.573624787	-121.467065535
B14	3/10/2007	38.574327774	-121.466757101
B15	3/10/2007	38.574988436	-121.466471143
B16	3/10/2007	38.575845938	-121.466087009
B17	3/10/2007	38.576881904	-121.465651175
NB1	6/8/2007	38.573927150	-121.466900590
NB2	6/8/2007	38.575081766	-121.466416828
NB3	6/8/2007	38.576008861	-121.466013392
NB4	6/8/2007	38.577076770	-121.465550003
NB5	6/8/2007	38.578171043	-121.465070509
SB1	6/7/2007	38.580520320	-121.464117935
SB2	6/8/2007	38.580588271	-121.464102849
SB3	6/8/2007	38.581656089	-121.463326708
SB4	6/8/2007	38.582127733	-121.462823516
SB5	6/8/2007	38.582603122	-121.462308745
SB6	6/8/2007	38.583834697	-121.460717648
SB7	6/8/2007	38.584515823	-121.458916752
SB8	6/8/2007	38.584781483	-121.456928089
SB9	6/8/2007	38.585025354	-121.454927502
SB10	6/8/2007	38.585237946	-121.452838720
SB11	6/8/2007	38.585522109	-121.450520657
SB12	6/8/2007	38.586227896	-121.448622643
SB13	6/8/2007	38.586684208	-121.447974129
SB14	6/8/2007	38.591558767	-121.445571269
SB15	6/8/2007	38.593022551	-121.445032069
SB16	6/8/2007	38.594560235	-121.444454040
SB17	6/8/2007	38.596094824	-121.443887124
SB18	6/8/2007	38.597603444	-121.443177102
PC1	3/9/2007	38.578538577	-121.465025355
PC2	3/10/2007	38.576275100	-121.466012195
PC3	3/10/2007	38.573546100	-121.467062864
PC4	3/10/2007	38.576795047	-121.465660451

TABLE 2
 SUMMARY OF LEAD AND SOIL pH ANALYTICAL RESULTS
 CALTRANS TASK ORDER NO. 152
 HIGHWAY 51 POST MILE 1.07 TO 3.68
 SACRAMENTO COUNTY, CALIFORNIA

SAMPLE I.D.	TOTAL LEAD (mg/kg)	SOLUBLE WET LEAD (mg/l)	SOIL pH
B1-0.0	2,540	112 (46.5 TCLP)	---
B1-0.5	74.9	0.395	---
B2-0.0	58.2	1.23	---
B2-0.5	21.4	0.126	---
B2-1.0	12.2	<0.05	---
B2-2.0	12.6	---	8.31
B2-3.0	8.33	---	---
B3-0.0	31.6	0.840	---
B3-0.5	9.79	<0.05	---
B3-1.0	9.47	<0.05	---
B3-2.0	9.28	---	---
B3-3.0	7.95	---	---
B4-0.0	537	17.8	---
B4-0.5	13.7	<0.05	8.13
B4-1.0	15.8	0.121	---
B4-2.0	9.24	---	---
B4-3.0	13.7	---	---
B5-0.0	6.16	<0.05	---
B5-0.5	6.39	<0.05	---
B5-1.0	7.57	<0.05	---
B5-2.0	8.27	---	---
B5-3.0	7.61	---	---
B6-0.0	787	58.5	---
B6-0.5	14.5	0.365	7.92
B6-1.0	6.64	<0.05	---
B6-2.0	6.69	---	---
B6-3.0	6.00	---	---
B7-0.0	7.15	<0.05	---
B7-0.5	6.88	<0.05	---
B7-1.0	7.41	<0.05	---
B7-2.0	8.63	---	---
B7-3.0	8.46	---	---
B8-0.0	187	7.08	---
B8-0.5	122	4.83	---
B8-1.0	188	4.24	---
B8-2.0	8.20	---	7.87
B8-3.0	8.75	---	---
B9-0.0	16.5	0.384	---
B9-0.5	6.97	<0.05	---
B9-1.0	7.02	<0.05	---
B9-2.0	7.57	---	---
B9-3.0	7.32	---	---

TABLE 2
 SUMMARY OF LEAD AND SOIL pH ANALYTICAL RESULTS
 CALTRANS TASK ORDER NO. 152
 HIGHWAY 51 POST MILE 1.07 TO 3.68
 SACRAMENTO COUNTY, CALIFORNIA

SAMPLE I.D.	TOTAL LEAD (mg/kg)	SOLUBLE WET LEAD (mg/l)	SOIL pH
B10-0.0	688	33.3	---
B10-0.5	8.57	<0.05	---
B10-1.0	7.54	<0.05	7.99
B10-2.0	61.7	---	---
B10-3.0	6.07	---	---
B11-0.0	67.4	4.43	---
B11-0.5	6.90	0.060	---
B11-1.0	6.13	<0.05	---
B11-2.0	8.22	---	---
B11-3.0	6.93	---	---
B12-0.0	58.4	1.42	---
B12-0.5	6.93	<0.05	---
B12-1.0	7.15	<0.05	8.54
B12-2.0	8.06	---	---
B12-3.0	8.43	---	---
B13-0.0	806	22.7	---
B13-0.5	9.26	0.0625	---
B13-1.0	8.40	<0.05	---
B13-2.0	7.94	---	---
B13-3.0	8.90	---	---
B14-0.0	856	32.8 (3.71 TCLP)	7.36
B14-0.5	9.66	<0.05	---
B14-1.0	7.50	<0.05	---
B14-2.0	8.23	---	---
B14-3.0	9.25	---	---
B15-0.0	748	29.6	---
B15-0.5	20.0	0.310	---
B15-1.0	7.46	<0.05	---
B15-2.0	7.84	---	---
B15-3.0	6.78	---	---
B16-0.0	323	10.4	7.43
B16-0.5	35.7	0.660	---
B17-0.0	369	21.5	---
B17-0.5	9.14	<0.05	---
B17-1.0	7.65	<0.05	---
B17-2.0	7.38	---	---
B17-3.0	8.22	---	7.69
NB1-0.0	4.05	---	---
NB1-0.5	3.25	---	---
NB1-1.0	3.23	---	---

TABLE 2
 SUMMARY OF LEAD AND SOIL pH ANALYTICAL RESULTS
 CALTRANS TASK ORDER NO. 152
 HIGHWAY 51 POST MILE 1.07 TO 3.68
 SACRAMENTO COUNTY, CALIFORNIA

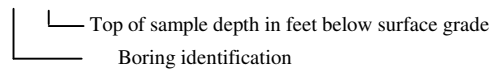
SAMPLE I.D.	TOTAL LEAD (mg/kg)	SOLUBLE WET LEAD (mg/l)	SOIL pH
NB2-0.0	4.48	---	8.53
NB2-0.5	3.23	---	---
NB2-1.0	5.30	---	---
NB2-2.0	7.83	---	8.10
NB2-3.0	8.60	---	---
NB3-0.0	4.79	---	---
NB3-0.5	3.91	---	---
NB3-1.0	4.16	---	---
NB3-2.0	4.13	---	---
NB3-3.0	2.86	---	---
NB4-0.0	3.71	---	---
NB4-0.5	2.85	---	---
NB4-1.0	3.01	---	---
NB5-0.0	3.76	---	7.65
NB5-0.5	3.48	---	---
NB5-1.0	3.21	---	---
SB1-0.0	440	11.9	---
SB1-0.5	15.2	---	---
SB1-1.0	24.1	---	8.21
SB1-2.0	5.74	---	---
SB1-3.0	4.46	---	---
SB2-3-0.0-Comp	5.99	---	---
SB2-3-0.5-Comp	4.04	---	---
SB2-3-1.0-Comp	3.41	---	---
SB2-3-2.0-Comp	15.8	---	---
SB2-3-3.0-Comp	6.67	---	---
SB4-6-0.0-Comp	11.4	---	---
SB4-6-0.5-Comp	6.47	---	8.50
SB4-6-1.0-Comp	5.39	---	---
SB4-6-2.0-Comp	5.18	---	---
SB4-6-3.0-Comp	4.18	---	---
SB7-9-0.0-Comp	9.11	---	---
SB7-9-0.5-Comp	3.30	---	---
SB7-9-1.0-Comp	6.97	---	---
SB7-9-2.0-Comp	4.75	---	---
SB7-9-3.0-Comp	7.70	---	---
SB10-12-0.0-Comp	13.0	---	---
SB10-12-0.5-Comp	42.1	---	---
SB10-12-1.0-Comp	24.3	---	---
SB10-12-2.0-Comp	28.1	---	---
SB10+12-3.0-Comp	121	6.04	---

TABLE 2
 SUMMARY OF LEAD AND SOIL pH ANALYTICAL RESULTS
 CALTRANS TASK ORDER NO. 152
 HIGHWAY 51 POST MILE 1.07 TO 3.68
 SACRAMENTO COUNTY, CALIFORNIA

SAMPLE I.D.	TOTAL LEAD (mg/kg)	SOLUBLE WET LEAD (mg/l)	SOIL pH
SB13-15-0.0-Comp	128	4.21	---
SB13-15-0.5-Comp	48.7	---	---
SB13-15-1.0-Comp	11.2	---	8.33
SB13-15-2.0-Comp	10.3	---	---
SB13-15-3.0-Comp	4.21	---	---
SB16-18-0.0-Comp	13.2	---	---
SB16+18-0.5-Comp **	29.1	---	---
SB16+18-1.0-Comp **	11.7	---	---
SB16+18-2.0-Comp **	4.42	---	---
SB16+18-3.0-Comp **	7.93	---	---

Notes:

B1-0.0



WET = Waste Extraction Test

TCLP = Toxicity Characteristic Leaching Procedure

mg/kg = Milligrams per kilogram

mg/l = Milligrams per liter

--- = Not analyzed

< = Less than the laboratory method reporting limit.

Concentrations in **bold** are greater than the STLC and/or the Federal TCLP regulatory threshold value for lead of 5.0 mg/l.

* = Composite sample consists of discrete soil samples collected from borings SB10 and SB12 only.

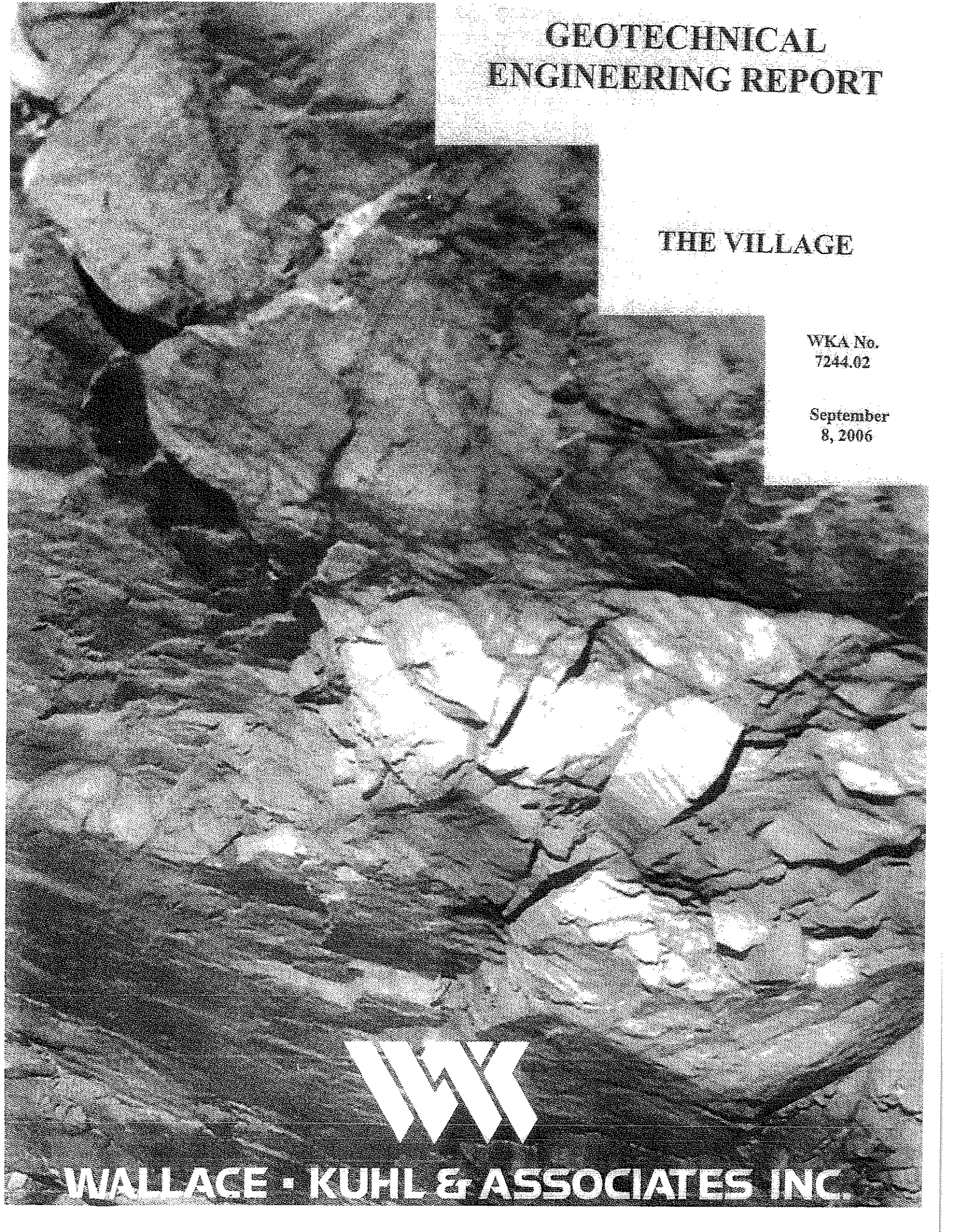
** = Composite sample consists of discrete soil samples collected from borings SB16 and SB18 only.

TABLE 3
 SUMMARY OF YELLOW TRAFFIC STRIPE PAINT SAMPLE ANALYTICAL RESULTS - LEAD AND CHROMIUM
 CALTRANS TASK ORDER NO. 152
 HIGHWAY 51 POST MILE 1.07 TO 3.68
 SACRAMENTO COUNTY, CALIFORNIA

SAMPLE I.D.	TOTAL LEAD (mg/kg)	TCLP SOLUBLE LEAD (mg/l)	TOTAL CHROMIUM (mg/kg)	TCLP SOLUBLE CHROMIUM (mg/l)
PC1	1,410	5.75 *	427	1.28 *
PC2	1,500	---	524	---
PC3	2,360	---	852	---
PC4	862	---	300	---

Notes: TCLP = Toxicity Characteristic Leaching Procedure
 mg/kg = Milligrams per kilogram
 mg/l = Milligrams per liter
 --- = Not analyzed
 * = TCLP soluble lead and TCLP soluble chromium performed on a composite sample of PC1, PC2, PC3 and PC4.
 Concentration in **bold** is greater than the Federal regulatory threshold value for lead of 5.0 mg/l.

Geotechnical Engineering Report
(September 2006)



**GEOTECHNICAL
ENGINEERING REPORT**

THE VILLAGE

WKA No.
7244.02

September
8, 2006



WALLACE - KUHL & ASSOCIATES INC.

GEOTECHNICAL ENGINEERING REPORT

THE VILLAGE

WKA No.
7244.02

September
8, 2006



WALLACE • KUHL & ASSOCIATES INC.

Geotechnical Engineering Report

THE VILLAGE

Sacramento, California

TABLE OF CONTENTS

INTRODUCTION.....1
 Work Scope.....1
 Figures and Attachments.....1
 Proposed Development.....2

Findings.....2
 Site Description.....2
 Site History.....3
 Subsurface Soil Conditions.....4
 Ground Water Conditions.....4

CONCLUSIONS.....5
 Seismic Code Parameters.....5
 Bearing Capacity.....5
 Soil Expansion Potential.....6
 Excavation Conditions.....6
 Ground Water.....7
 Seasonal Water.....7
 Pavement Sub-grade Quality.....8
 Soil Corrosion Potential.....8

RECOMMENDATIONS.....9
 General.....9
 Dewatering.....9
 Site Preparation.....9
 Construction Slopes and Shoring.....11
 Building Foundations.....11
 Single-Family Residences - Conventional Spread Foundations and Slab-on-Grade
 Floors.....11
 Condominiums and Loft Units - Post Tensioned Slab Foundations.....13
 Podium Structures - Mat Foundations.....14
 At-Grade Floor Slab Moisture Penetration Resistance.....15
 Basement Subgrade Stabilization.....16
 Retaining Wall Design.....16
 Waterproofing of Parking Garage Floor Slabs and Walls.....17



Geotechnical Engineering Report

THE VILLAGE

Sacramento, California

TABLE OF CONTENTS (continued)

Exterior Flatwork Construction17
Site Drainage.....18
Utility Trench Backfill18
Pavement Design18
Construction Testing and Observation.....20

LIMITATIONS20

FIGURES

Vicinity MapFigure 1
Site PlanFigure 2
Boring Logs.....Figures 3 - 42
Unified Soil Classification SystemFigure 43

APPENDIX A – Field and Laboratory Testing Programs

Triaxial Compression Test.....Figures A1 and A2
Expansion Index.....Figures A3 - A5
Atterberg Limits.....Figure A6
Resistance Value.....Figures A7 and A8
Corrosion Testing.....Figures A9 - A12

APPENDIX B – Earthwork Specifications



Geotechnical Engineering Report

THE VILLAGE

Vicinity of Capitol City Freeway and B Street

Sacramento, California

WKA No. 7244.02

September 8, 2006

INTRODUCTION

We have completed a geotechnical engineering investigation at the site for The Village residential project, located between the Capitol City Freeway and the Union Pacific Railroad tracks in Sacramento, California. The purposes of our work have been to explore the existing site, soil and ground water conditions across the property, and to provide geotechnical engineering conclusions and recommendations regarding design and construction of the proposed residential buildings. This report presents the results of our work.

Work Scope

Our scope of work has included:

- a site reconnaissance;
- subsurface investigation, including the drilling and sampling of 40 test borings within accessible portions of the site to a maximum depth of approximately 21½ feet below existing site grades;
- laboratory testing of selected soil samples;
- engineering analyses; and,
- preparation of this report.

CORPORATE OFFICE
3050 Industrial Boulevard
West Sacramento
CA 95691
Tel 916.372.1434
Fax 916.372.2565

ROCKLIN OFFICE
500 Mento Drive
Suite 100
Rocklin, CA 95765
Tel 916.435.9722
Fax 916.435.9822

STOCKTON OFFICE
3410 West Hammer Lane
Suite F
Stockton, CA 95219
Tel 209.234.7722
Fax 209.234.7727

Figures and Attachments

A Vicinity Map showing the location of the site is attached as Figure 1. A Boring Location Plan is shown on Figure 2, and Logs of Test Borings are presented as Figures 3 through 42. An explanation of the symbols and classification system used on the logs appears on Figure 43. Appendix A contains general information regarding this investigation, descriptions of the

THE VILLAGE
WKA No. 7244.02
September 8, 2006

field exploration and laboratory testing programs, and results of laboratory tests that do not appear on the logs of borings. Appendix B contains guide earthwork specifications for use in preparing contract documents.

Proposed Development

Based upon discussions with Cambridge Homes and review of a preliminary site plan sketch prepared by Jeffery Demure and Associates, Inc., dated April 28, 2006, we understand the residential development will consist of loft units, one- and two-story single-family residences, four- and five-story podium structures and three- to four-story 12-plex condominiums. We anticipate wood-framing and concrete slab on grade lower floors for all structures; the podium structures may also be light steel framed. Additionally, the podium structures are proposed to include one level of below-grade parking. Associated development will include underground utilities, driveways, and construction of interior roadways.

FINDINGS

Site Description

The irregular-shaped property encompasses a total area of approximately 50 acres that is located south of Sutter's Landing Regional Park and the Capitol City Freeway (Business 80), in Sacramento, California. The site is generally bounded to the west and north by the Capitol City Freeway and to the east and south by a sloped embankment, which supports the Union Pacific Railroad tracks. The only access to the site is from the west via an overpass crossing the Capitol City Freeway from Sutter's Landing Regional Park. Topography across the property is generally flat to very gently rolling. According to the USGS 7.5-Minute *Topographic Map of the Sacramento East Quadrangle, California* (1992) the elevation of the site is approximately +15 to +20 feet relative to mean sea level (msl).

The site is essentially vacant land with minor development on the site limited to several billboard signs, six landfill gas probes, two groundwater monitoring wells, several electrical power poles and interior dirt access roads. An unmaintained mature fruit tree orchard covers most of the eastern portion of the site. The site surface, including the orchards, presently supports a dense



THE VILLAGE

WKA No. 7244.02

September 8, 2006

growth of weeds and grasses to a height of approximately two to six feet. Mature trees and bushes also are located throughout the property. A topographically lower area exists in the southwest central portion of the site. A seasonal pond or lake forms in this area. At the time of our investigation, July 24 through 28, 2006, the pond/lake area was dry and stable enough to support a heavy drilling rig.

Site History

A review of historic topographic maps of the site dating back to 1902, conducted during completion of our Environmental Site Assessment (ESA) of the site (WKA No. 7228.01, dated July 25, 2006) revealed the site has supported some minor development in the past.

The 1902-1910 maps show the site to be undeveloped land located within an undeveloped area of Sacramento. No visible structures are noted on the site. By 1945, four structures are mapped on the eastern portion of the site, just north of the railroad tracks. An unimproved road provides access to the structures from the south and crosses the adjacent railroad tracks bordering the southern site boundary. The site is mapped with the current ground surface elevations of approximately +15 to +20 feet msl.

On a 1954 map, the site has not changed, however the four-lane Elvas Freeway (current location of Business 80) is present bordering the northern site boundary. By 1967, the four structures located on the site are no longer present. The access road, which crosses the railroad tracks, is still visible however. An unimproved road is mapped in the western corner of the site, providing access to the site from the adjacent property located on the west side of Business 80.

Historic aerial photographs of the site and general vicinity also were reviewed. Consistent with the previously discussed topographic maps, the reviewed years of aerial photography reveal only minimal changes on the site during the past 52 years. The photographs do reveal that the site was used primarily for agricultural purposes and that the orchard currently located on the easterly portion of the site was planted some time between 1976 and 1989. Several small structures also are visible within the southern orchard in photographs taken in 1989.



Subsurface Soil Conditions

Our test borings indicate the upper seven to ten feet of surface soils across the major portion of the site consist of soft, silty clays and clayey silts. The silts and clays are underlain by loose silty fine sands that extend to the maximum depth of our borings located at approximately 21½ feet below existing site grades. Occasionally, our borings indicated the upper silts and clays to be only one to two feet thick prior to encountering the underlying silty sands. These conditions were present in Borings D14 and D15, D24 and D25, and D38 through D40. Also occasionally, the underlying sands are coarser and relatively clean (without appreciable amounts of silt or clay). For more information on the soils encountered at this site please refer to the Boring Logs (Figures 3 through 42).

Ground Water Conditions

Ground water was encountered at depths between six and eighteen feet below existing grades in 24 of the 40 borings drilled. When encountered, ground water tended to rise slowly in the borings suggesting it is confined somewhat within the underlying sands due to the relative impermeability of the surface silts and clays. The 16 borings that did not encounter ground water were generally located on the easterly half of the site where the upper silts and clays are deepest. Many of these borings did not encounter the silty sands and were terminated in the relatively low permeability silts and clays. It is our opinion that had these borings been left open a sufficient amount of time, ground water would have seeped into the borings and risen to near the levels found in the other borings.

Review of available ground water information compiled by the Department of Water Resources indicates historical ground water levels in a nearby monitoring well as high as eight feet below the ground surface. This data correlates well with the conditions encountered in our borings. Due to the proximity of the site to the American River, it is likely that ground water levels, if not directly related, are influenced by the sustained river stage.



CONCLUSIONS

Seismic Code Parameters

Review of the Maps of Known Active Fault Near-Source Zones in California and Adjacent Portions of Nevada, dated February 1998, prepared by the State of California Department of Conservation - Division of Mines and Geology to be used with the 1997 Uniform Building Code (UBC) indicates that there are no Type "A" or "B" faults located within 15 kilometers of the site. The following parameters may be used for seismic design of structures at the site using the 1997 UBC or 2001 CBC, depending upon which is the governing code for this project:

	1997 UBC Table/Figure	Factor/Coefficient	Value
Seismic Zone	Figure 16-2	Zone	3
Seismic Zone Factor	Table 16-I	Z	0.30
Soil Profile Type	Table 16-J	S _E	--
Seismic Coefficient	Table 16-Q	C _a	0.36
Seismic Coefficient	Table 16-R	C _v	0.84
Near-Source Factor	Table 16-S	N _a	1.0
Near-Source Factor	Table 16-T	N _v	1.0
Seismic Source Type	Table 16-U	B	--

Bearing Capacity

Several concerns are present at this site regarding the capacity of the site soils to support the future construction without excessive settlements, particularly differential settlements. The primary concern is the result of our field investigation and laboratory testing, which revealed the presence of saturated, soft and loose soils extending to depths of at least 21½ feet below existing site grades. An additional concern is that much of the site is likely to be in a considerably disturbed state following removal of the orchards and other vegetation.

It is our opinion that the soils at this site must be densified by removal and replacement as engineered fill to reduce the potential for damaging settlement. Ideally the recompaction depths should extend five to ten feet below the site surface; however, a major disadvantage of overexcavation on this site is the likelihood that the excavated soils and the soils exposed at the



bottom of the excavation will be too wet to properly compact due to the high in-situ moisture contents. Therefore, shallower overexcavation and recompaction depths combined with lower foundation bearing pressures will be recommended for building support.

Alternate means of building support for larger structures could include deep foundations consisting of driven or auger cast piling, or drilled piers. Ground improvement methods such as dynamic compaction or Geopiers[®] also could be considered for the heavier structures at this site. Dynamic compaction is achieved from the surface by repeated drops of a heavy, crane-mounted weight. The weight is dropped in a uniform pattern across the site and soil density and strength is improved in the zone beneath and surrounding the impact area. Geopier construction consists of creating a hole with a standard drill auger to the required design depth and then filling the hole with compacted lifts of select aggregate, using a specialized tamping mechanism, to the bottom of concrete footing depths. The soil density and strength is improved in the zone surrounding the Geopier by the compaction of the gravel fill. Geopier elements can be constructed (and reinforced) to provide resistance to both axial compressive and uplift forces, and lateral forces. Much higher bearing capacities can be provided if deep foundations or ground improvement methods are utilized. Recommendations regarding these alternate methods can be provided if needed.

Soil Expansion Potential

The near-surface native silts and clays are low to moderately expansive materials that are capable of producing low to moderate swelling pressures on foundations with increases in soil moisture content. Reinforcement of foundations and floor slabs will be recommended to minimize the effects of expansive soils.

Excavation Conditions

The and native silts and clays should be readily excavatable with conventional earthmoving and trenching equipment. These materials should be reasonably stable at near-vertical inclinations within the anticipated depth of utility placement for the relatively short duration of construction. Excavations that extend into the underlying silty sands are not anticipated to remain stable and will likely slough or cave if not shored. The risk of sloughing and caving will increase substantially if these materials are saturated, allowed to dry significantly, or subjected to



THE VILLAGE

WKA No. 7244.02

September 8, 2006

vibrations. Any excavations/trenches exceeding five feet in depth that will be entered by workers must be sloped, braced or shored to conform with current Cal/OSHA requirements.

Ground Water

Ground water was encountered in our borings as shallow as six feet below the surface. Historical ground water data from a nearby State of California monitored well indicates that ground water has risen to within eight feet of the surface in the vicinity of the well. We performed our field work in late July, which is past the time of typical seasonal high ground water elevations in the Sacramento area. Therefore, in our opinion, it is likely that ground water was higher earlier in the year than the six-foot depth noted in several of our borings. It is even possible that ground water elevations may approach the site surface elevation and could account for at least some of the water that forms the seasonal lake. Without more complete on-site ground water information it is our opinion that for design of any permanent subgrade features, ground water elevations should be assumed to rise to the site surface (approximately +15 feet msl) on a seasonal basis. If construction commences in the spring or early summer, areas of the site where deeper excavations are anticipated likely will require dewatering with deep dewatering wells. The need for dewatering can best be determined during site work when subsurface conditions are fully exposed, however this could lead to project delays while dewatering systems are implemented.

Seasonal Water

It should be noted that the near-surface soils will be in a near-saturated condition during and for a considerable period following the rainy season. Grading operations attempted following the onset of winter rains and prior to prolonged periods of drying will be hampered by high soil moisture contents. Such soils, intended for use as engineered fill, will require considerable aeration or an extended period of drying to reach a moisture content to allow the specified degree of compaction to be achieved. It is likely the soils at the bottom of the excavation also will be in a near-saturated condition and may require modified recommendations, as conditions warrant. This should be considered in the schedule of construction for the project.



Pavement Sub-grade Quality

Laboratory testing of near-surface native soils indicate that these materials possess relatively poor subgrade qualities for support of asphalt concrete and Portland cement concrete pavements. We consider an R-value of 10 is appropriate for this project.

Soil Corrosion Potential

Four samples of the anticipated near-surface soils were submitted to Sunland Analytical Lab, Inc. for testing to determine pH, resistivity, and sulfate and chloride concentrations to help evaluate the potential for corrosive attack upon reinforced concrete and buried metal. The test results for the sample reveal minimum resistivity between 1020 and 1880 ohm-centimeters (Ω -cm) and soil pH between 6.56 and 6.90. Sulfates were recorded between 81.8 and 100.3 parts per million (ppm) and chlorides between 22.5 and 139.1 ppm. Results of the corrosion testing performed by Sunland Analytical Lab are summarized in Appendix A, Figures A9 through A12.

Published literature¹ defines a corrosive area as an area where the soil and/or water contains more than 500 parts per million (ppm) of chlorides, more than 2000 ppm of sulfates, or has a pH of less than 5.5. Based on these parameters, the soils tested are not indicated to be corrosive. Table 19-A-4 of the 1997 UBC, *Requirements for Concrete Exposed to Sulfate-Containing Solutions*, indicates the sulfate exposure for the samples tested are *Negligible*. Ordinary Type I-II Portland cement is indicated to be suitable for use on this project, assuming a minimum three-inch cover is maintained over the reinforcement.

Wallace-Kuhl & Associates are not corrosion engineers. Therefore, to further define the soil corrosion potential at the site, or to determine the need or design parameters of cathodic protection or grounding systems, a corrosion engineer should be consulted. Additional samples of the subgrade soil, if needed, should be obtained and submitted for testing and evaluation by the corrosion engineer.

¹ California Department of Transportation, Division of Engineering Services, Materials Engineering and Testing Services, Corrosion Technology Section, *Corrosion Guidelines*, September 2003.



RECOMMENDATIONS

General

Due to the presence of soft and loose native soils across the site and the anticipated site conditions following site clearing, excavation and recompaction of the upper soils will be critical to the performance of the planned residential structures. Specific recommendations for excavation and site preparation are contained in the following sections. We recommend that that our office be given the opportunity to review the final grading and foundation plans and specifications to determine if the intent of our recommendations has been implemented in those documents and provide modified recommendations, as necessary.

Dewatering

Dewatering likely will be required for basement excavations. Dewatering plans should be designed and constructed by an experienced dewatering contractor or engineer familiar with this area of Sacramento. To provide a stable working surface, we recommend *as a minimum* that the dewatering system be capable of lowering the ground water elevation to a level that is at least three feet below the bottom of any future basement level floor slab excavation.

Site Preparation

Prior to site grading, the site should be cleared of surface and subsurface structures associated with past development of the site, including foundations and existing underground utilities designated to be removed or relocated and all associated trench backfill. Removal of trees should include the entire rootball and all roots larger than ½-inch in diameter. Depressions resulting from removal of the above items, as well as any loose, soft or saturated soils should be cleaned out and backfilled with engineered fill in accordance with the recommendations in this section.

Following site clearing operations, building pads to be established at or near existing grades should be excavated to a depth of at least three feet below the bottom of the planned foundations. The excavations should include the entire building pad and should extend at least five feet beyond the perimeter building lines, where possible. The exposed excavation bottoms then



THE VILLAGE

WKA No. 7244.02

September 8, 2006

should be thoroughly scarified to a depth of at least 12 inches, moisture conditioned to at least the optimum moisture content (either by drying or addition of water) and uniformly compacted to at least 90 percent of the ASTM D1557 maximum dry density. The excavation and recompaction recommendations do not include the podium structures, which at this time are planned to have one level of below grade parking beneath each podium structure. Recommendations for preparation of the basement subgrades for the podium structures are provided below.

Compaction should be accomplished by using a self-propelled sheepsfoot compactor (Caterpillar 825 or equivalent) and must be performed in the presence of our representative who will evaluate the performance of the subgrade under compactive load. As stated earlier there is a strong likelihood that excavated soils and the bottoms of excavations may be at elevated moisture contents, difficulty in achieving subgrade compaction will be associated with these wet soils and delays in site grading should be anticipated to allow excavated soils to dry to compactable moisture contents. **We consider it essential that our representative be present during site clearing, excavation and grading activities to observe the behavior of the soils under the compaction equipment and verify the compaction and stability of the subgrade soils, prior to fill placement.**

On-site soils are considered suitable for use in engineered fill construction, if free of significant concentrations of organics or debris. Imported fill materials, if required, should be granular with a maximum Plasticity Index of 15 and a three-inch maximum particle size. Imported soils should be approved by our office prior to being transported to the site.

Engineered fill should be placed in lifts that do not exceed six inches in compacted thickness. Each lift should be thoroughly moisture conditioned to at least the optimum moisture content and uniformly compacted to at least 90 percent of the maximum dry density, as determined by the ASTM D1557 test method. Each lift of fill placed adjacent to excavation slopes must be properly benched into the side slope.

Permanent excavation and fill slopes should be constructed no steeper than two horizontal to one vertical (2:1).



Site preparation should be accomplished in accordance with the recommendations of this section and the *Guide Earthwork Specifications* provided in Appendix B. A representative from our office should be present during site preparation and all grading operations to observe and test the fill to verify compliance with our recommendations and the job specifications.

Construction Slopes and Shoring

Temporary construction slopes for the basement excavations should be no steeper than one horizontal to one vertical (1:1) unless shoring or bracing of the excavation walls is provided. Design of excavation retaining systems should be performed by a qualified registered civil engineer. Permanent excavation and fill slopes should be constructed no steeper than two horizontal to one vertical (2:1).

Building Foundations

The various residential buildings may be supported on deepened and heavily reinforced shallow foundations, post-tensioned mat foundations, or structural mat concrete slab foundations. Recommendations for each foundation, based upon building type, are provided as follows.

Single-Family Residences - Conventional Spread Foundations and Slab-on-Grade Floors

Single-family residences may also be supported upon post-tensioned foundations as described below for the condominiums and loft units.

The proposed one- and two-story single-family residences may be supported upon continuous perimeter foundations and continuous or isolated interior spread foundations that extend at least 18 inches into the compacted building pad, as measured from lowest adjacent soil grade. For this project, the building pad subgrade is defined as the soil surface on which capillary break gravel is placed. A continuous, reinforced foundation should be utilized for the perimeter of the structure to resist differential settlement and to help minimize moisture infiltration and seasonal moisture variation beneath the interior slab-on-grade floor. Continuous foundations should be at least 12 inches wide; isolated spread foundations should maintain a minimum 24-inch dimension.



THE VILLAGE

WKA No. 7244.02

September 8, 2006

Foundations should bear in engineered fill and may be sized for maximum allowable soil pressures of 1000 psf for dead plus live load, with a 1/3 increase to include wind or seismic forces. The weight of the foundation concrete extending below adjacent soil grade may be disregarded in sizing computations.

We recommend that all foundations be adequately reinforced to provide structural continuity, mitigate cracking and permit spanning of local soil irregularities. *As a minimum*, we recommend that continuous foundations be reinforced with at least four No. 4 steel reinforcing bars, placed two each near the top and bottom of the foundations. The structural engineer should determine final foundation dimensions and reinforcing requirements.

Resistance to lateral displacement of shallow foundations may be computed using an allowable friction factor of 0.25 multiplied by the effective vertical load on each foundation. Additional lateral resistance may be achieved using an allowable passive earth pressure against the vertical projection of the foundation equal to an equivalent fluid pressure of 250 psf per foot of depth. These two modes of resistance should not be added unless the frictional component is reduced by 50 percent since mobilization of the passive resistance requires some horizontal movement, effectively reducing the frictional resistance.

Interior Slab-on-Grade Floors

Conventional concrete slabs-on-grade may be supported upon soil subgrades prepared in accordance with the recommendations in this report. Interior concrete slab-on-grade floors should be at least four inches thick, and for crack-control contain chaired No. 4 rebar at 18-inch centers each way in the slab. The structural engineer should determine final slab thickness and reinforcement.

Floor slabs may be underlain by a layer of free-draining gravel, serving as a deterrent to migration of capillary moisture. The gravel layer should be about four inches thick and be graded so that 100 percent passes a one-inch sieve and none passes a No. 4 sieve. Additional moisture vapor protection may be provided by placing a durable water vapor retarder above the crushed rock. The water vapor retarder should generally conform to ASTM E1745 standards.



Floor slab construction practice over the past 20 years or more has included the placement of a thin layer of sand over the vapor retarder membrane to promote uniform curing of concrete slabs. However, recent debate over excessive moisture vapor emissions from floor slabs includes concern for water trapped within the sand. As a consequence, we consider use of the sand layer as optional. The concrete curing benefits should be weighed against efforts to reduce slab moisture vapor transmission.

The recommendations presented above should mitigate significant soils-related cracking of the slab-on-grade floors. Also important to the performance and appearance of a Portland cement concrete slab is the quality of the concrete, the workmanship of the concrete contractor, the curing techniques utilized and spacing of control joints.

Condominiums and Loft Units - Post Tensioned Slab Foundations

The proposed Condominiums and Loft Units may be supported upon post-tensioned concrete foundation/slab systems designed for compressible soil sites as defined in Section 3.5.3 Item B. of the *Post-Tensioning Institute Design Manual, Third Edition*; this includes both living and garage slab areas. Specific design of post-tensioned foundation/floor slab systems should be accomplished by a qualified structural engineer.

The estimated total settlement at the center and edges of post-tensioned slabs placed upon an engineered building pad as described above are two inches and one inch, respectively. Post-Tensioned slabs should exert no more than 750 psf on the soil for the dead plus live load condition, with a one-third increase for consideration of wind or seismic forces. We recommend that post-tensioned floor slabs be a minimum of six inches thick, provided that is sufficient for the required tendon embedment in accordance with the details provided by the project structural engineer. To lessen the potential for surface water migration beneath the slabs, we recommend the edges of post-tensioned slabs be thickened to penetrate at least 12 inches below lowest adjacent soil grade, the width of thickened slab edges should be no less than 12 inches. The final slab thickness should be determined by the structural engineer.

Post-Tensioned slabs *may* be underlain by a layer of free-draining gravel serving as a deterrent to migration of capillary moisture. If used, the gravel layer should be at least four inches thick and graded such that 100 percent passes a one-inch sieve and none passes a No. 4 sieve. Additional



moisture protection *may* be provided by placing a plastic vapor retarder membrane (at least 10-mils thick) directly over the gravel. If used, the vapor retarder membrane should generally conform to ASTM E1745 specifications.

As stated earlier, floor slab construction practice over the past 20 years or more has included placement of a thin layer of sand over the vapor retarder membrane. The intent of the sand is to aid in the proper curing of the slab concrete. However, debate over excessive moisture vapor emissions from floor slabs includes concern of water trapped within the sand. As a consequence, we consider use of the sand layer as optional. The concrete curing benefits should be weighed against efforts to reduce slab moisture vapor transmission.

From the standpoint of structural support, garage floors may be constructed directly upon the soil subgrade, with the understanding that they are not intended for moisture sensitive floor coverings. If moisture protective measures for garage floors are desired, consideration should be given to including the gravel and water vapor retarder discussed above.

Building pads should not be allowed to dry and desiccate prior to placement of post-tensioned slab concrete. Building pads should be moistened by sprinklers or spray from water trucks to maintain a uniform above optimum moisture content.

As previously stated for conventional slabs, the recommendations presented above should mitigate significant soils-related cracking of the PT slab-on-grade floors. Also important to the performance and appearance of a Portland cement concrete slab is the quality of the concrete, the workmanship of the concrete contractor, the curing techniques utilized and spacing of control joints.

Podium Structures - Mat Foundations

Static settlement of mat foundations is anticipated to be less than two inches total and one inch differential across the mat. Reinforced mat foundations should be underlain by at least 12 inches of Class 2 aggregate base, compacted to at least 90 percent as determined by the ASTM D1557 compaction test. Mat foundations established greater than eight feet below existing site grades should exert no more than 1000 psf on the soil for the dead plus live load condition, with a one-third increase for consideration of wind or seismic forces. Mat foundation systems supported as



THE VILLAGE

WKA No. 7244.02

September 8, 2006

described above may be designed using a soil modulus of subgrade reaction (k_s) of 150 pounds per cubic inch (pci).

Resistance to lateral displacement of foundations may be computed using an allowable friction factor of 0.25, which may be multiplied by the effective vertical load on the foundation.

Ultimate friction resistance can be obtained by multiplying the allowable value by 1.5.

Additional lateral resistance can be achieved by considering *passive* soil resistance against the vertical projection of the foundations equivalent to a fluid weighing 250 pounds per cubic foot (pcf). To obtain the ultimate passive pressure multiply the allowable value by 1.5. These two modes of resistance (friction and *passive* pressure) should not be added unless the frictional component is reduced by one half since mobilization of resistive forces may occur at different magnitudes of horizontal movement.

We recommend that design ground water levels for this project be assumed to be located at the existing site surface elevation (approximately +15 feet msl). The presence of ground water above the sub-level floor level will result in a substantial hydrostatic uplift force on the base of the slab. Buoyancy forces may be resisted by the weight of the building. Additional lateral and uplift capacity can be obtained by structural connection of the mat foundations to deeper foundation elements such as piles, piers or Geopiers. Recommendations for this application can be provided, if necessary.

At-Grade Floor Slab Moisture Penetration Resistance

It is considered likely that floor slab subgrade soils will become saturated at some time during the life of the structures. This is a certainty when slabs are constructed during wet season or poor drainage conditions exist adjacent to structures. For this reason, it would be assumed that all interior slabs, particularly those intended for moisture-sensitive floor coverings or materials, require protection against moisture or moisture vapor penetration. Standard practice includes the rock, plastic membrane and sand as discussed above. Recommendations contained in this report concerning foundation and floor slab design are presented as minimum requirements only from the geotechnical engineering standpoint.

Use of sub-slab gravel and sheet plastic membrane will not "moisture-proof" the slab, nor does it assure that slab moisture vapor transmission levels will prevent damage to floor coverings or



other building components. It is emphasized that we are not slab moisture proofing or moisture protection experts. We are expressly stating that we make no guarantee nor provide any assurance that use of the sub-slab gravel and sheet plastic will reduce slab moisture penetration to any specific amount or level or prevent damage to other building components. They simply offer a first line of defense against soil-related moisture. If increased, protection against moisture vapor penetration of slabs is desired, a concrete moisture protection specialist should be consulted. The design team should consider all available measures for slab moisture protection. It is commonly accepted that maintaining the lowest practical water-cement ratio in the slab concrete is one of the most effective ways to reduce future moisture vapor penetration of the completed slabs.

Basement Subgrade Stabilization

Soft conditions at the basement subgrade elevations should be anticipated and care should be taken to minimize disturbance of the basement subgrades during construction. If poor subgrade conditions or significant surface disturbance become an impediment to construction, it may be necessary to stabilize the subgrade with geotextile fabric or geogrid, and placement of crushed rock or additional compacted Class 2 aggregate base.

Retaining Wall Design

The sub-level parking level walls should be capable of resisting "at-rest" equivalent fluid pressure of 100 psf per foot of depth, which includes the hydrostatic pressure caused by ground water. Other retaining walls founded above the anticipated high ground water elevation should be capable of resisting an "at-rest" equivalent fluid pressure of 65 psf per foot of depth, or "active" fluid pressure of 45 psf per foot of depth if the walls can yield slightly at the top, assuming sufficient drainage is provided so that no hydrostatic pressures are allowed to develop behind the wall. Surcharge loads and the effects of equipment traffic must be included in the design of retaining walls.

Drainage behind walls (other than the sub-level parking level walls) should be provided to prevent the build up of hydrostatic pressure and reduce the potential for water migration through the walls. Drainage may be accomplished by the use of four-inch diameter perforated PVC pipe directed to an appropriate drain collection system and surrounded by a drainage blanket



consisting of State of California, Class 2 permeable material (Caltrans Standard Specification 68-1.025). The drainage blanket should be constructed at least one foot wide and extend to within one foot of the top of the wall. The upper foot of wall backfill material should be composed of native soils to prevent infiltration of surface water into the drain rock. Alternatively, open-graded crushed rock may be utilized as drain rock behind the wall provided that the drain pipe (if used) and drain rock are enveloped within an approved, nonwoven geotextile filter fabric. Proprietary drainage products may also be considered for wall drainage as an alternate to rock drains, such as Miradrain 6000 Series or equivalent, placed in accordance with the manufacturer's specifications.

Waterproofing of Parking Garage Floor Slabs and Walls

Seasonal ground water will rise above the proposed parking garage floor slab elevation. For this reason the basement floor and walls must be waterproofed and moisture proofed. Particular attention should be given to construction joints (cold joints) between floor slabs, foundations and basement walls. A ground water elevation of +15 feet msl should be assumed for these purposes. Wallace-Kuhl and Associates, Inc. are not waterproofing or moisture proofing experts. A waterproofing expert should be consulted to provide recommendations for waterproofing measures on this project.

Exterior Flatwork Construction

Areas to receive exterior concrete flatwork (i.e., driveways, sidewalks, patios, etc.) should be brought to at least the optimum moisture content and uniformly compacted prior to the placement of the concrete. *Proper moisture conditioning of the subgrade soils is considered essential to the performance of exterior flatwork.* Expansion joints should be provided to allow for minor vertical movement of the flatwork. Exterior flatwork should be constructed independent of perimeter building foundations and isolated column foundations by the placement of a layer of felt material between the flatwork and the foundation, and for crack-control should contain chaired No. 3 rebar at 24-inch centers each way. Reinforcing must be located at mid-slab depth.



Site Drainage

Performance of building foundations and pavements is dependent upon proper control of surface water on the site. The ground adjacent buildings should be sloped away from at a gradient no less than two percent for a distance of at least 10 feet, where possible. Consideration should be given to connecting roof drains to solid PVC piping directed to an appropriate drainage point away from the structures. Roof gutter or storm drain runoff collection systems should not be connected into retaining wall drainage systems. Ponding of surface water should be avoided adjacent to structures. Landscape berms, if planned, should not be constructed in such a manner as to promote drainage toward the buildings.

Utility Trench Backfill

Utility trench backfill within structural areas should be mechanically compacted in 12-inch lifts as engineered fill in accordance with the recommendations of this report. Native soils rather than clean sand or gravel (except as required for bedding) should be used to backfill utilities that cross foundation lines in order to limit migration of water beneath structures. The native soil backfill should extend at least three feet beyond perimeter foundation lines.

Pavement Design

Based upon laboratory test results on the surface and near-surface soils, we have calculated the following alternate pavement sections. The procedures used for design are in general conformance with applicable portions of the Caltrans Highway Design Manual, latest edition; and the guidelines contained in the City of Sacramento, *Department of Public Works Design and Procedures Manual and Improvement Standards*, dated September 1990.



PAVEMENT DESIGN ALTERNATIVES				
R-value = 10				
Traffic Index (TI)	Traffic Conditions	Type B Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)	Portland Cement Concrete (inches)
6.0	Minor Local	2½	14	--
		3*	13	--
		--	6	5
6.5	Local	2½	16	
		4*	13	
		--	6	5
7.5	Minor Collector	3	18	---
		4½*	15	---
		---	6	6

* Asphalt thickness includes Caltrans factor of safety.

We emphasize that the performance of the pavement is critically dependent upon adequate and uniform compaction of the subgrade soils, as well as all engineered fill and utility trench backfill within the limits of the pavements. The upper six inches of pavement soil subgrade should be compacted to at least 95 percent relative compaction at no less than the optimum moisture content. All aggregate base should be compacted to at least 95 percent relative compaction. Materials quality and construction of the structural section of the pavement should conform to the applicable provisions of the *Caltrans Standard Specifications* and the *City of Sacramento Standard Specifications*, latest editions.

In the summer heat, high axle loads coupled with shear stresses induced by sharply turning tire movements can lead to failure in asphalt concrete pavements. Therefore, we recommend that consideration be given to using the Portland cement concrete section in areas subjected to concentrated heavy wheel loading, such as entry driveways. We recommend concrete pavements be constructed with thickened edges, at least twice the slab thickness and 12 inches wide, and



THE VILLAGE

WKA No. 7244.02

September 8, 2006

slabs should be reinforced with at least No. 3 reinforcing bars placed on maximum 24-inch centers. Reinforcement must be located at mid-slab depth to be effective.

Joint spacing and details should conform with current Portland Cement Association or American Concrete Institute guidelines. Portland cement concrete should achieve a minimum compressive strength of 3500 pounds per square inch at 28 days.

Construction Testing and Observation

Site preparation should be accomplished in accordance with the recommendations of this report and the attached guide earthwork specifications. Representatives of Wallace-Kuhl & Associates, Inc., should be present during site preparation and all grading operations to observe and test the fill to verify compliance with our recommendations and the job specifications. These services are beyond the scope of work authorized for this investigation.

In the event that Wallace-Kuhl & Associates, Inc., is not retained to provide geotechnical engineering observation and testing services during construction, the Geotechnical Engineer retained to provide this service in conformance with Section 3317.1, 3317.3 and 3317.8 of the 2001 edition of the CBC, should indicate in writing that they agree with the recommendations of this report, or prepare supplemental recommendations as necessary. A final report by the "Soils Engineer" should be prepared upon completion of the project as required by CBC Section 3318.1.2. Please be aware that the title Soils Engineer is restricted in the State of California to a Civil Engineer authorized by the State of California to use the title "Geotechnical Engineer."

LIMITATIONS

Our recommendations are based upon the information provided regarding the proposed construction, combined with our analysis of site conditions revealed by the field exploration and laboratory testing programs. We have used our best engineering judgment based upon the information provided and the data generated from our investigation. If the proposed construction is modified or re-sited; or, if it is found during construction that subsurface conditions differ from those we encountered at the boring locations, we should be afforded the opportunity to review the



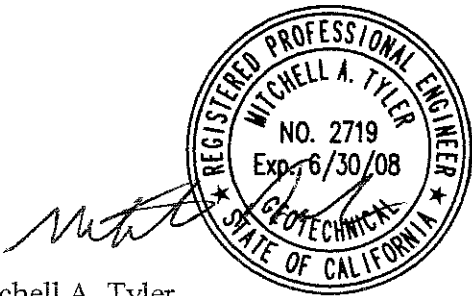
THE VILLAGE
WKA No. 7244.02
September 8, 2006

new information or changed conditions to determine if our conclusions and recommendations must be modified.

We recommend our firm be retained to review the final plans to verify that the intent of our recommendations has been implemented in those documents.

We emphasize that this report is applicable only to the proposed construction and the investigated site. This report should not be utilized for construction on any other site. This report is considered valid for the proposed construction for a period of two years following the date it was issued. If construction has not started within two years, we must reevaluate the recommendations of this report and update the report, if necessary.

Wallace - Kuhl & Associates, Inc.



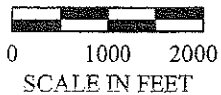
Mitchell A. Tyler
Project Engineer

cf:MAT



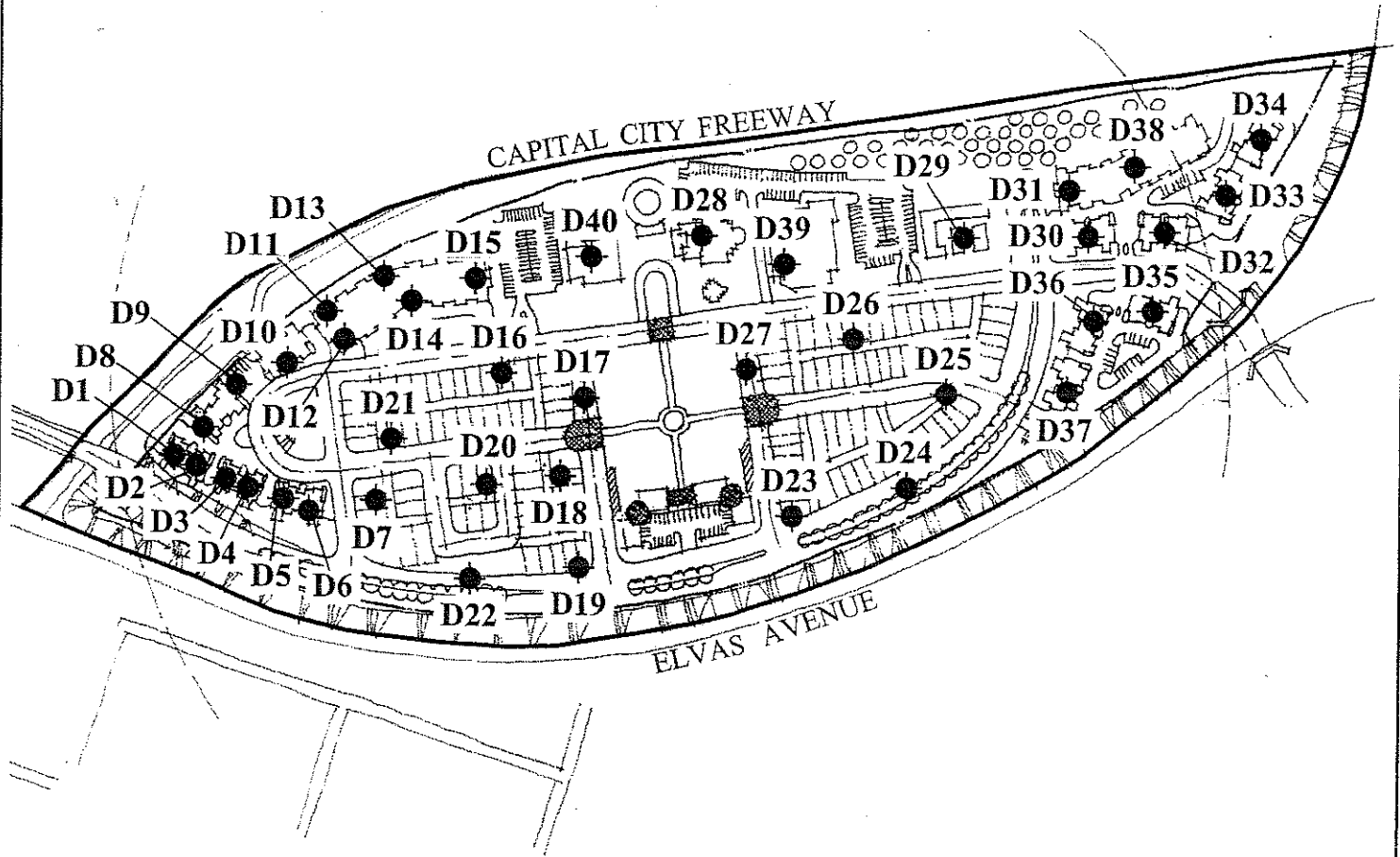


Adapted from the Thomas Guide
 Sacramento and Solano Counties
 Street Guide and Directory, 2005 edition.



VICINITY MAP
 THE VILLAGE
 Sacramento, California

FIGURE 1	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	



Legend:

● Approximate soil boring location

Note:

Adapted from the drawing prepared by JDA, dated April 2006.

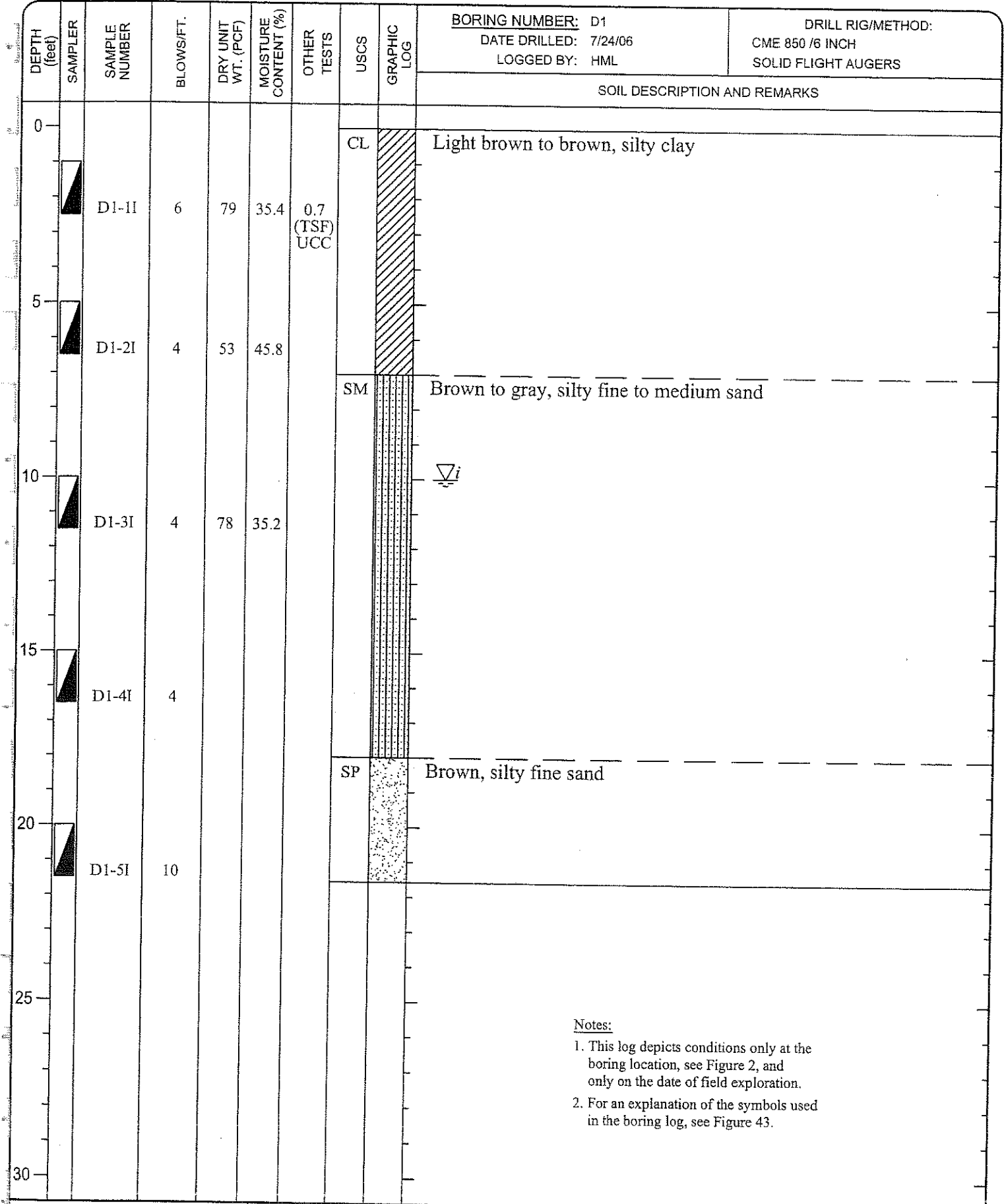


SITE PLAN
THE VILLAGE
Sacramento, California

FIGURE 2

DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02






- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D1
 THE VILLAGE
 Sacramento, California

FIGURE 3	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D2		DRILL RIG/METHOD:		
									DATE DRILLED: 7/24/06		CME 850 /6 INCH		
									LOGGED BY: HML			SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS													
0								CL		Light brown to brown, silty clay			
7	D2-1I		7	70	39.1								
5	D2-2I		6	76	39.4								
10	D2-3I		6					SM		Brown, silty fine sand			
										∇i			
15													
20													
25													
30													

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D2
THE VILLAGE
 Sacramento, California

FIGURE 4	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

BORING NUMBER: D3
 DATE DRILLED: 7/24/06
 LOGGED BY: HML

DRILL RIG/METHOD:
 CME 850 /6 INCH
 SOLID FLIGHT AUGERS

SOIL DESCRIPTION AND REMARKS

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG
0								
0 - 4		D3-1I	8			PI	ML	
4 - 5		D3-2I	5					
5 - 10		D3-3I	3				SM	
10 - 30								

Light brown to brown, clayey silt

Gray, silty fine sand

∇i

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D3
 THE VILLAGE
 Sacramento, California

FIGURE 5	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

BORING NUMBER: D4

DRILL RIG/METHOD:




DATE DRILLED: 7/24/06

CME 850 /6 INCH

LOGGED BY: HML

SOLID FLIGHT AUGERS

SOIL DESCRIPTION AND REMARKS

DEPTH (feet)	SAMPLER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	SOIL DESCRIPTION AND REMARKS
0								
1.5	D4-1I	16	75	46.5	0.4 (TSF) UCC	CL/ML		Light brown to brown, silty clay/clayey silt
5.5	D4-2I	4						
10.5	D4-3I	3				SM		Brown to gray, silty fine sand
10.5								
15								
20								
25								
30								

Notes:

1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
2. For an explanation of the symbols used in the boring log, see Figure 43.



WALLACE-KUHL & ASSOCIATES, INC.

LOG OF BORING D4

THE VILLAGE

Sacramento, California

FIGURE 6

DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

BORING NUMBER: D5
 DATE DRILLED: 7/24/06
 LOGGED BY: HML

DRILL RIG/METHOD:
 CME 850 /6 INCH
 SOLID FLIGHT AUGERS

SOIL DESCRIPTION AND REMARKS

DEPTH (feet)	SAMPLER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG
0						SM	
1.5	D5-1I	18	91	30.8		CL/ML	
5.5	D5-2I	4	72	46.7			
10.5	D5-3I	3				SM	

Light brown, silty fine sand

Gray to brown, silty clay/clayey silt

Gray, silty fine sand



- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D5
 THE VILLAGE
 Sacramento, California

FIGURE 7	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

BORING NUMBER: D6
 DATE DRILLED: 7/24/06
 LOGGED BY: HML

DRILL RIG/METHOD:
 CME 850 /6 INCH
 SOLID FLIGHT AUGERS

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG
0								
0 - 4.5		D6-1I	5	75	43.7	0.6 (TSF) UCC	CL/ML	
4.5 - 5.5		D6-2I	3	70	47.4			
5.5 - 9.5							SM	
9.5 - 11		D6-3I	3			31% <#200		
11 - 30								

SOIL DESCRIPTION AND REMARKS

Light brown, silty clay/clayey silt

Gray, silty fine sand

noticeable traces of organics

Notes:
 1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



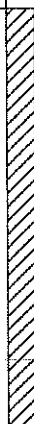



LOG OF BORING D6
 THE VILLAGE
 Sacramento, California

FIGURE 8	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

BORING NUMBER: D7
 DATE DRILLED: 7/24/06
 LOGGED BY: HML

DRILL RIG/METHOD:
 CME 850 /6 INCH
 SOLID FLIGHT AUGERS

SOIL DESCRIPTION AND REMARKS

DEPTH (feet)	SAMPLER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG
0							
1-5	D7-1I	5	76	31.8		CL/ML	
5-7	D7-2I	2	66	56.1			
10-13	D7-3I	3				ML	
15-21	D7-4I	6				SM	
						SP	

Light brown to brown, silty clay/clayey silt

Gray, clayey, very fine sandy silt

noticeable traces of organics

Gray, silty fine sand




Gray, silty fine sand

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D7
 THE VILLAGE
 Sacramento, California

FIGURE 9	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

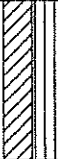



DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D8		DRILL RIG/METHOD:			
									DATE DRILLED: 7/24/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL/ML		Light brown to brown, silty clay/clayey silt				
		D8-1I	10	85	27.7									
5								ML		Brown, clayey silt				
		D8-2I	5	74	41.0									
10								SM		Brown, silty fine sand				
		D8-3I	4											
15														
20														
25														
30														

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D8
THE VILLAGE
Sacramento, California

FIGURE 10	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D9		DRILL RIG/METHOD:			
									DATE DRILLED: 7/24/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL/ML		Light brown to brown, silty clay/clayey silt				
		D9-1I	7	78	37.0									
								ML		Brown, clayey silt				
5		D9-2I	4	73	44.0									
								SM		Brown, silty fine sand				
10		D9-3I	10											
15														
20														
25														
30														

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D9
THE VILLAGE
Sacramento, California

FIGURE 11	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	






DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D10		DRILL RIG/METHOD:			
									DATE DRILLED: 7/24/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL/ML		Light brown to brown, silty clay/clayey silt				
5	D10-1I	8	81	31.1	1.3 (TSF) UCC									
5	D10-2I	4	73	44.2										
10	D10-3I	11	94	21.1				SM		Brown, silty fine sand				
15														
20														
25														
30														

Notes:
 1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D10
 THE VILLAGE
 Sacramento, California

FIGURE 12	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	





DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D11		DRILL RIG/METHOD:			
									DATE DRILLED: 7/25/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL/ML		Brown, silty clay/clayey silt				
5		D11-II	7	81	34.0			ML		Brown, fine sandy, clayey silt				
		D11-2I	7	101	31.6			SM		Brown, clayey, silty fine sand				
10		D11-3I	7											
15		D11-4I	7					SP		Gray, silty, poorly graded fine sand				
20														
25														
30														

Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D11
THE VILLAGE
Sacramento, California

FIGURE 13	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

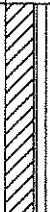

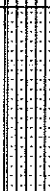
DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D12		DRILL RIG/METHOD:	
									DATE DRILLED: 7/25/06		CME 850 /6 INCH	
									LOGGED BY: HML			
SOIL DESCRIPTION AND REMARKS												
0							CL/ML		Brown, silty clay/clayey silt			
5		D12-II	6	78	31.2		ML		Brown, very fine sandy, clayey silt			
5		D12-2I	5	87	27.3		SM		Brown, silty fine sand			
10		D12-3I	5									
15												
20												
25												
30												

Notes:
 1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D12
 THE VILLAGE
 Sacramento, California

FIGURE 14	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D13		DRILL RIG/METHOD:		
									DATE DRILLED: 7/25/06		CME 850 /6 INCH		
									LOGGED BY: HML			SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS													
0								CL/ ML		Light brown to brown, silty clay/clayey silt			
5		D13-2I	7	86	27.8			ML		Brown, very fine sandy, clayey silt			
10		D13-3I	7					SM		Brown, silty fine sand			
15													
20													
25													
30													

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.




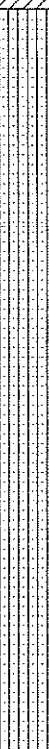

LOG OF BORING D13
THE VILLAGE
Sacramento, California

FIGURE 15	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

BORING NUMBER: D14
 DATE DRILLED: 7/25/06
 LOGGED BY: HML

DRILL RIG/METHOD:
 CME 850 /6 INCH
 SOLID FLIGHT AUGERS

SOIL DESCRIPTION AND REMARKS

DEPTH (feet)	SAMPLER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG
0						CL	
0 - 6	D14-1I	6	89	6.4			
5						SM	
5 - 7	D14-2I	7	86	11.1			
10							
10 - 11	D14-3I	5					
15							
15 - 16	D14-4I	13					

Brown, very fine sandy, clayey silt



Brown to gray, silty fine sand

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D14
 THE VILLAGE
 Sacramento, California

FIGURE 16	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D15		DRILL RIG/METHOD:			
									DATE DRILLED: 7/25/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL		Brown, silty clay				
		D15-1I	9	91	5.4			SM		Brown to reddish brown, silty fine sand				
5		D15-2I	5	82	14.2									
10		D15-3I	8											
15														
20														
25														
30														

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D15
THE VILLAGE
Sacramento, California

FIGURE 17	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D16		DRILL RIG/METHOD:			
									DATE DRILLED: 7/25/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL/ML	Light brown to brown, silty clay/clayey silt					
		D16-II	5	76	32.6	0.9 (TSF) UCC								
5								ML	Brown, clayey silt		organics noticeable			
		D16-2I	4	67	57.8									
10								SM	Gray, silty fine sand					
		D16-3I	6	91	24.4									
15														
20														
25														
30														

Notes:
 1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D16
 THE VILLAGE
 Sacramento, California

FIGURE 18	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D17		DRILL RIG/METHOD:	
									DATE DRILLED: 7/25/06		CME 850 /6 INCH	
									LOGGED BY: HML			
SOIL DESCRIPTION AND REMARKS												
0							CL/ML		Brown to gray, silty clay			
5		D17-II	5				ML		Brown, clayey silt			
		D17-2I	2	43	40.9							
10		D17-3I	5				SM		Gray, silty fine sand			
15												
20												
25												
30												

Notes:
 1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D17
 THE VILLAGE
 Sacramento, California

FIGURE 19	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D18		DRILL RIG/METHOD:	
									DATE DRILLED: 7/25/06		CME 850 /6 INCH	
									LOGGED BY: HML			
SOIL DESCRIPTION AND REMARKS												
0								CL/ ML	Brown, silty clay/clayey silt			
		D18-11	5	73	44.9							
5								ML	Brown, clayey silt			
		D18-21	2	70	41.9					organics noticeable		
10								SP	Gray, silty, poorly graded fine sand			
		D18-31	5									
15												
		D18-41										
20												
25												
30												

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.







WALLACE-KUHL & ASSOCIATES, INC.

LOG OF BORING D18
THE VILLAGE
 Sacramento, California

FIGURE 20

DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D19		DRILL RIG/METHOD:	
									DATE DRILLED: 7/25/06		CME 850 /6 INCH	
									LOGGED BY: HML			
SOIL DESCRIPTION AND REMARKS												
0							CL/ML		Brown, silty clay/clayey silt			
5		D19-II	5	77	42.4		ML		Brown, clayey silt minor organics			
10		D19-2I	3	68	50.8		SP		Gray, silty fine sand 			
15		D19-3I	3									
20												
25												
30												

Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D19
THE VILLAGE
Sacramento, California

FIGURE 21	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	




DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D20		DRILL RIG/METHOD:	
									DATE DRILLED: 7/25/06		CME 850 /6 INCH	
									LOGGED BY: HML			
									SOLID FLIGHT AUGERS			
SOIL DESCRIPTION AND REMARKS												
0								CL/ML	Brown, silty clay/clayey silt			
	D20-1I		8	79	41.2							
5								ML	Brown, clayey silt			
	D20-2I		4	69	51.7							
10								SM	Gray, silty fine sand			
	D20-3I		5			13.8% <#200						
15												
	D20-4I		8	107	19.2	TX						
20												
25												
30												

Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D20
THE VILLAGE
Sacramento, California

FIGURE 22	
DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	



DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D21		DRILL RIG/METHOD:			
									DATE DRILLED: 7/25/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL/ML		Brown to gray, silty clay/clayey silt				
5		D21-2I	3	73	49.7			ML		Dark gray, brown to gray, clayey silt				
10		D21-3I	2							minor organics				
15														
20														
25														
30														

Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D21
THE VILLAGE
Sacramento, California

FIGURE 23	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	



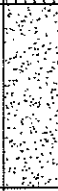
DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D22		DRILL RIG/METHOD:	
									DATE DRILLED: 7/25/06		CME 850 /6 INCH	
									LOGGED BY: HML			
SOIL DESCRIPTION AND REMARKS												
0								CL/ ML		Brown to gray, silty clay		
	D22-1I	6	75	43.8	0.7 (TSF) UCC			ML		Dark gray, brown, clayey silt		
5												
	D22-2I	3	70	50.0								
10												
	D22-3I	11	101	20.0								
15												
20												
25												
30												

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D22
THE VILLAGE
Sacramento, California

FIGURE 24	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D23		DRILL RIG/METHOD:			
									DATE DRILLED: 7/26/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL		Brown to gray, silty clay				
		D23-1I	4	82	32.5	0.9 (TSF) UCC								
5								ML		Brown, very fine sandy, clayey silty fine sand organics noticeable				
		D23-2I	2	74	45.1	0.4 (TSF) UCC								
10								SP		Brown, silty fine sand				
		D23-3I	4	88	23.1									
15														
20														
25														
30														

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D23

THE VILLAGE

Sacramento, California

FIGURE 25	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

BORING NUMBER: D24
 DATE DRILLED: 7/26/06
 LOGGED BY: HML

DRILL RIG/METHOD:
 CME 850 /6 INCH
 SOLID FLIGHT AUGERS

SOIL DESCRIPTION AND REMARKS

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG
0							CL	Light brown to brown, silty clay
0 - 4		D24-1I	7				SM	Brown, silty fine sand
4 - 5							CL	Light brown to gray, silty clay
5		D24-2I	4	73	35.0		ML	Gray, clayey silt
5 - 10								organics noticeable
10		D24-3I	2					



Notes:

1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
2. For an explanation of the symbols used in the boring log, see Figure 43.






WALLACE-KUHL & ASSOCIATES, INC.

LOG OF BORING D24
 THE VILLAGE
 Sacramento, California

FIGURE 26

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02








DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D25		DRILL RIG/METHOD:			
									DATE DRILLED: 7/26/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL		Light brown, silty clay				
		D25-1I	5	83	7.1			SM		Light brown, silty fine sand				
5														
		D25-2I	4	78	16.2									
10								CL		Gray, silty clay				
		D25-3I	3											
15														
20														
25														
30														

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D25
THE VILLAGE
Sacramento, California

FIGURE 27	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	



DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D26		DRILL RIG/METHOD:			
									DATE DRILLED: 7/26/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL		Light brown to brown, silty clay				
		D26-11	5	74	19.4									
5														
		D26-21	3	76	43.4									
10								ML		Dark gray, clayey silt				
		D26-31	4											
15								SM		Gray, silty fine sand				
		D26-41	8											
20														
25														
30														

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D26
THE VILLAGE
Sacramento, California

FIGURE 28	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D27		DRILL RIG/METHOD:	
									DATE DRILLED: 7/26/06		CME 850 /6 INCH	
									LOGGED BY: HML			
SOIL DESCRIPTION AND REMARKS												
0								CL		Brown, silty clay		
1		D27-1I	5	77	25.8	0.9 (TSF) UCC						
5		D27-2I	4	73	33.6					minor organics		
10		D27-3I	7	92	21.4			SM		Brown, silty fine sand		
15												
20												
25												
30												

Notes:
 1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D27
THE VILLAGE
 Sacramento, California

FIGURE 29

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02


DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D28		DRILL RIG/METHOD:	
									DATE DRILLED: 7/26/06		CME 850 /6 INCH	
									LOGGED BY: HML			
SOIL DESCRIPTION AND REMARKS												
0									CL	Brown, silty clay		
4		D28-1I	7	81	27.9	0.9 (TSF) UCC				minor organics		
5		D28-2I	5	72	43.5	0.7 (TSF) UCC			ML	Brown, clayey silt		
9									SM	Brown, silty fine sand		
10		D28-3I	8	89	22.1							
15												
20												
25												
30												

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D28
THE VILLAGE
Sacramento, California

FIGURE 30	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D29		DRILL RIG/METHOD:	
									DATE DRILLED: 7/26/06		CME 850 /6 INCH	
SOIL DESCRIPTION AND REMARKS												
0												
		D29-1I	5	88	25	1.0 (TSF) UCC		CL		Brown, silty clay		
5		D29-2I	4	72	45.2	0.6 (TSF) UCC						
10		D29-3I	5	73	47.9							
15												
20												
25												
30												

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D29

THE VILLAGE
Sacramento, California

FIGURE 31	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D30		DRILL RIG/METHOD:			
									DATE DRILLED: 7/26/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0														
		D30-II	6	79	24.3			CL/ ML	Light brown to gray, silty clay/clayey silt					
5		D30-2I	4	74	43.4									
10		D30-3I	4											
15														
20														
25														
30														

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D30
THE VILLAGE
Sacramento, California

FIGURE 32	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D31		DRILL RIG/METHOD:	
									DATE DRILLED: 7/27/06		CME 850 /6 INCH	
LOGGED BY: HML												
SOIL DESCRIPTION AND REMARKS												
0												
0 - 4		D31-1I	8			PI		CL/ML	Brown, silty clay/clayey silt			
4 - 5		D31-2I	5	75	39.6							
5 - 10												
10 - 11		D31-3I	4					CL	Brown, silty clay			
11 - 12									minor organics			
12 - 30												

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D31
THE VILLAGE
Sacramento, California

FIGURE 33	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D32		DRILL RIG/METHOD:	
									DATE DRILLED: 7/27/06		CME 850 /6 INCH	
									LOGGED BY: HML			
SOIL DESCRIPTION AND REMARKS												
0									ML	Light brown to brown, fine sandy, clayey silt		
3	D32-1I		3	72	15.9	0.7 (TSF) UCC						
5									CL	Brown, silty clay		
5	D32-2I		5									
10									ML	Brown, very fine sandy silt		
10	D32-3I		5	65	43.1							
15												
20												
25												
30												

Notes:

1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
2. Ground water was not encountered in the boring.
3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D32
THE VILLAGE
Sacramento, California

FIGURE 34

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D33		DRILL RIG/METHOD:			
									DATE DRILLED: 7/27/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								ML		Light brown to brown, clayey, very fine sandy silt				
4	D33-1I		4	73	11.7									
5	D33-2I		7	76	36.8									
10	D33-3I		4											
15														
20														
25														
30														

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D33
THE VILLAGE
Sacramento, California

FIGURE 35

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02



DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D34		DRILL RIG/METHOD:	
									DATE DRILLED: 7/27/06		CME 850 /6 INCH	
SOIL DESCRIPTION AND REMARKS												
0							ML		Light brown to brown, clayey, very fine sandy silt			
		D34-1I	7	78	8.5	53% <#200						
5							CL		Brown, silty clay			
		D34-2I	5	88	20.6							
10							ML		Brown, clayey silt			
		D34-3I	4						decreasing clay content			
15												
20												
25												
30												

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D34
THE VILLAGE
 Sacramento, California

FIGURE 36	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D35		DRILL RIG/METHOD:			
									DATE DRILLED: 7/27/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL		Light brown to brown, very fine sandy, silty clay				
1		D35-1I	7	73	41.2	90.1% <#200								
5		D35-2I	6	78	39.8									
10		D35-3I	4					ML		Brown, clayey silt				
15														
20														
25														
30														

Notes:

1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
2. Ground water was not encountered in the boring.
3. For an explanation of the symbols used in the boring log, see Figure 43.



WALLACE-KUHL &
ASSOCIATES, INC.

LOG OF BORING D35




THE VILLAGE

Sacramento, California

FIGURE 37

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02





DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D36		DRILL RIG/METHOD:	
									DATE DRILLED: 7/27/06		CME 850 /6 INCH	
SOIL DESCRIPTION AND REMARKS												
0							CL		Light brown to brown, silty clay			
	D36-1I		12	86	14.6							
5							SM		Brown, clayey, silty fine sand			
	D36-2I		6	98	16.7							
10							ML		Brown, clayey silt			
	D36-3I		6									
15												
20												
25												
30												

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D36
THE VILLAGE
Sacramento, California

FIGURE 38	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D37		DRILL RIG/METHOD:	
									DATE DRILLED: 7/27/06		CME 850 /6 INCH	
LOGGED BY: HML												
SOIL DESCRIPTION AND REMARKS												
0								CL/ ML		Light brown, silty clay		
		D37-1I	8	87	4.7							
5								CL		Brown, silty clay		
		D37-2I	6	74	45.4			SM		Brown, clayey, silty fine sand		
10								ML		Gray, clayey silt		
		D37-3I	3									
15												
20												
25												
30												

- Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. Ground water was not encountered in the boring.
 3. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D37
THE VILLAGE
Sacramento, California

FIGURE 39	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D38		DRILL RIG/METHOD:			
									DATE DRILLED: 7/27/06		CME 850 /6 INCH			
									LOGGED BY: HML				SOLID FLIGHT AUGERS	
SOIL DESCRIPTION AND REMARKS														
0								CL		Light brown to brown, fine sandy, silty clay				
		D38-11	9	87	20.5			ML		Brown, fine sandy, clayey silt				
								SM		Brown, silty, very fine sand				
5										very silty				
		D38-21	5	78	26.2			ML		Brown, very fine sandy, clayey silt				
								CL		Brown, silty clay				
10								ML		Brown, very fine sandy silt				
		D38-31	4					CL		Brown, silty clay				
								ML		Gray, very fine sandy, clayey silt				
15								CL		Gray, silty clay				
		D38-41	3					SM		Gray, silty fine sand				
20														
		D38-51	11											
25														
30														

Notes:
1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D38
THE VILLAGE
Sacramento, California

FIGURE 40	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	




DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D39		DRILL RIG/METHOD:	
									DATE DRILLED: 7/27/06		CME 850 /6 INCH	
									LOGGED BY: HML			
SOIL DESCRIPTION AND REMARKS												
0								ML		Brown, clayey silt		
		D39-1I	4	77	32.3							
		D39-2I	5	86	10.9			SM		Brown, silty fine sand		
5												
		D39-3I	10									
10												
		D39-4I	7	75	43.9	TX						
15												
		D39-5I	8									
20												
25												
30												

Notes:
 1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D39
 THE VILLAGE
 Sacramento, California

FIGURE 41	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

DEPTH (feet)	SAMPLER	SAMPLE NUMBER	BLOWS/FT.	DRY UNIT WT. (PCF)	MOISTURE CONTENT (%)	OTHER TESTS	USCS	GRAPHIC LOG	BORING NUMBER: D40		DRILL RIG/METHOD:	
									DATE DRILLED: 7/27/06		CME 850 /6 INCH	
SOIL DESCRIPTION AND REMARKS												
0								CL		Brown, clayey silt		
	D40-1I		6	79	33.2							
5								SM		Brown, silty, poorly graded fine sand		
	D40-2I		5	81	13.8							
10												
	D40-3I		5			5.9% <#200						
15												
	D40-4I		10									
20												
25												
30												

Notes:
 1. This log depicts conditions only at the boring location, see Figure 2, and only on the date of field exploration.
 2. For an explanation of the symbols used in the boring log, see Figure 43.



LOG OF BORING D40
 THE VILLAGE
 Sacramento, California

FIGURE 42

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS	SYMBOL	CODE	TYPICAL NAMES
COARSE GRAINED SOILS (More than 50% of soil > no. 200 sieve size)	GRAVELS		
	GW		Well graded gravels or gravel - sand mixtures, little or no fines
	GP		Poorly graded gravels or gravel - sand mixtures, little or no fines
	GM		Silty gravels, gravel - sand - silt mixtures
	GC		Clayey gravels, gravel - sand - clay mixtures
	SANDS		
	SW		Well graded sands or gravelly sands, little or no fines
	SP		Poorly graded sands or gravelly sands, little or no fines
FINE GRAINED SOILS (50% or more of soil < no. 200 sieve size)	SILTS & CLAYS		
	<u>LL < 50</u>		
	ML		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
	CL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL		Organic silts and organic silty clays of low plasticity
	<u>LL ≥ 50</u>		
MH		Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts	
CH		Inorganic clays of high plasticity, fat clays	
OH		Organic clays of medium to high plasticity, organic silty clays, organic silts	
HIGHLY ORGANIC SOILS	Pt		Peat and other highly organic soils
ROCK	RX		Rocks, weathered to fresh

OTHER SYMBOLS

	= Drive Sample: 2-1/2" O.D. Modified California sampler
	= Drive Sample: no recovery
	= SPT Sample
	= Initial Water Level
	= Final Water Level
	= Estimated or gradational material change line
	= Observed material change line
<u>Laboratory Tests</u>	
PI	= Plasticity Index
EI	= Expansion Index
UCC	= Unconfined Compression Test
TR	= Triaxial Compression Test
GR	= Gradational Analysis (Sieve)
K	= Permeability Test

GRAIN SIZE CLASSIFICATION

CLASSIFICATION	RANGE OF GRAIN SIZES	
	U. S. Standard Sieve Size	Grain Size in Millimeters
BOULDERS	Above 12"	Above 305
COBBLES	12" to 3"	305 to 76.2
GRAVEL coarse (c) fine (f)	3" to No. 4	76.2 to 4.76
	3" to 3/4"	76.2 to 19.1
	3/4" to No. 4	19.1 to 4.76
SAND coarse (c) medium (m) fine (f)	No. 4 to No. 200	4.76 to 0.074
	No. 4 to No. 10	4.76 to 2.00
	No. 10 to No. 40	2.00 to 0.420
	No. 40 to No. 200	0.420 to 0.074
SILT & CLAY	Below No. 200	Below 0.074



UNIFIED SOIL CLASSIFICATION SYSTEM

THE VILLAGE

Sacramento, California

FIGURE 43

DRAWN BY	HCS
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

APPENDICES



APPENDIX A



WALLACE & KOHL
& ASSOCIATES INC.

APPENDIX A

A. GENERAL INFORMATION

The performance of a geotechnical engineering investigation for the proposed Village residential subdivision development in Sacramento, California, was authorized by Mr. Brian Mahoney on June 26, 2006. Authorization was for an investigation as described in our proposal letter dated January 16, 2006, sent to our client, Cambridge Homes, whose mailing address is 3000 I Street, Sacramento, California 95816; telephone (916) 448-5000; facsimile (916) 448-5012.

The project architectural consultant is Jeffrey DeMure & Associates, Architects, Planners, Inc., whose mailing address is 1117 Windfield Way, Suite 110, El Dorado Hills, California 95762; telephone (916) 941-3700; facsimile (916) 941-3777.

In performing this investigation, we made reference to a conceptual site plan prepared by Jeffrey Demure & Associates, Inc., dated April 28, 2006.

B. FIELD EXPLORATION

Test borings were accomplished on July 24 through 27, 2006 utilizing a CME-850 track-mounted drill rig. At the approximate locations indicated on Figure 2, forty exploratory borings were drilled to a maximum depth of approximately 21½ feet using six-inch diameter continuous flight helical augers. At various intervals, relatively undisturbed soil samples were recovered with a 2½ inch O.D., 2-inch I.D. California sampler driven by a 140 pound automatic hammer freely falling 30 inches. The number of blows of the hammer required to drive the 18-inch long sampler each 6-inch interval was recorded with the sum of the blows required to drive the sampler the lower 12-inch interval, or portion thereof, being designated the penetration resistance or "blow count" for that particular drive. Bulk samples also were collected from the borings at various intervals.

The relatively undisturbed samples were retained in 2-inch diameter by 6-inch long thin-walled brass tubes contained within the sampler. Immediately after recovery, the soils in the tubes were visually classified by the field engineer and the ends of the tubes were sealed to preserve the natural moisture contents. All samples were taken to our laboratory for additional soil classification and selection of samples for testing. The Boring Logs, Figures 3 through 42, contain descriptions of the soils encountered in each boring. A Boring Legend



explaining the Unified Soil Classification System and the symbols used on the logs is contained on Figure 43.

C. LABORATORY TESTING

Selected undisturbed samples of the soils were tested to determine dry unit weight (ASTM D2937), natural moisture content (ASTM D2216), unconfined compressive strength (ASTM D2166), and percent fines (ASTM D1140). The results of this testing are included on the boring logs at the depth each sample was obtained.

The shear strength of two undisturbed soil samples was determined by triaxial compression testing (ASTM D4767). The results of the triaxial compression tests are presented on Plate No. A1 and A2.

Three bulk samples were subjected to Expansion Index testing (ASTM D4829). The results of this testing is presented on Figures A3 through A5.

Atterberg Limits were determined for one sample with the test results presented on Figure A6.

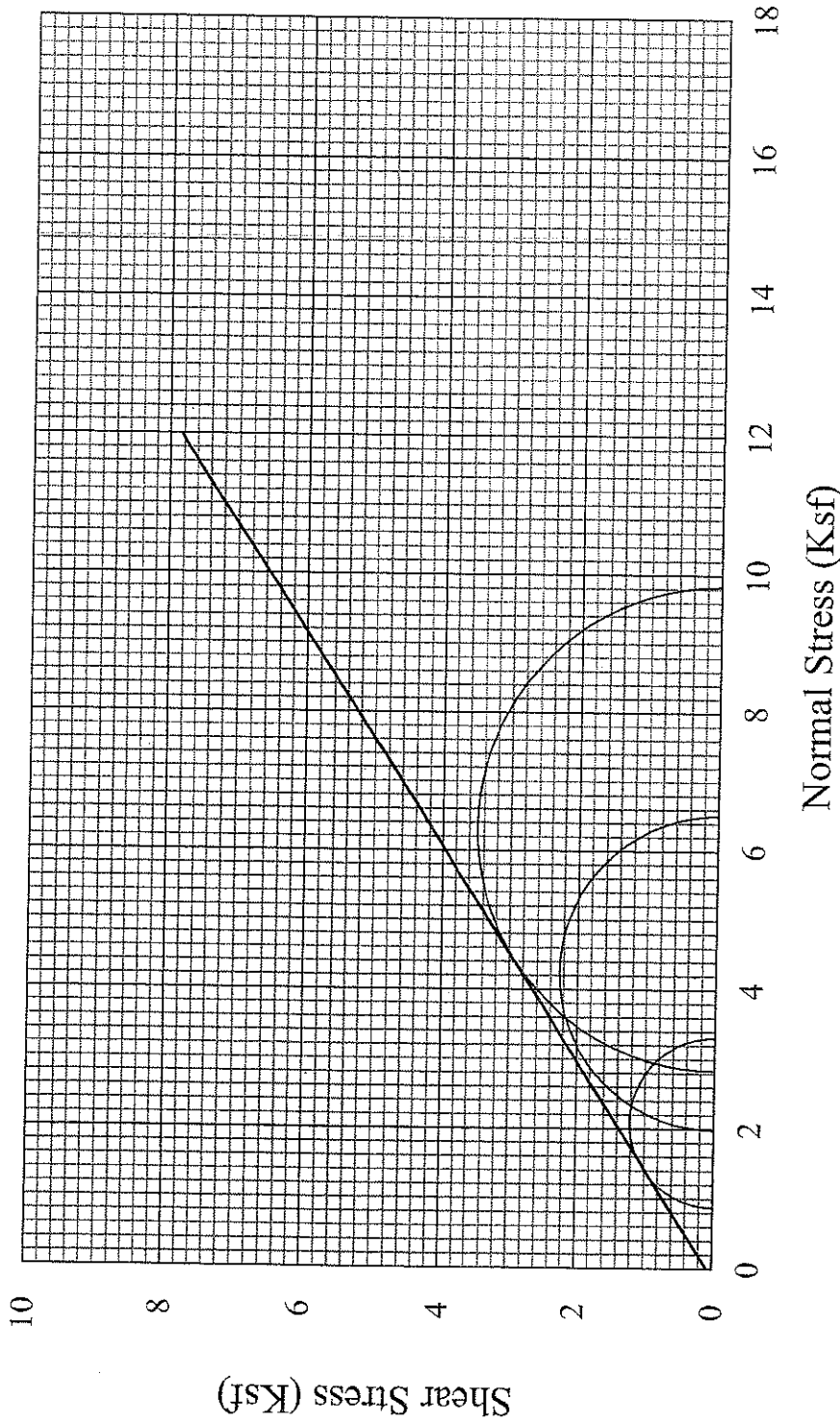
Two samples of the potential pavement subgrade soils were subjected to Resistance ("R") value test (CT 301). The results of the R-value testing, which was used in pavement design, are presented on Figures A7 and A8.

Four soil samples were submitted to Sunland Analytical to determine the soil pH and minimum resistivity (California Test 643), sulfate concentration (California Test 417) and chloride concentration (California Test 422). Results of this testing are included as Figures A9 through A12.



TRIAXIAL COMPRESSION TEST

ASTM D4767-04



SAMPLE NO.: D20-4I

SAMPLE CONDITION: Undisturbed

SAMPLE DESCRIPTION: Gray, silty fine sand

DRY DENSITY (PCF): 107
 INITIAL MOISTURE (%): 19.2
 FINAL MOISTURE (%): 21

ANGLE OF INTERNAL FRICTION (ϕ): 33°
 COHESION (PSF): 7



WALLACE-KUHL &
 ASSOCIATES, INC.

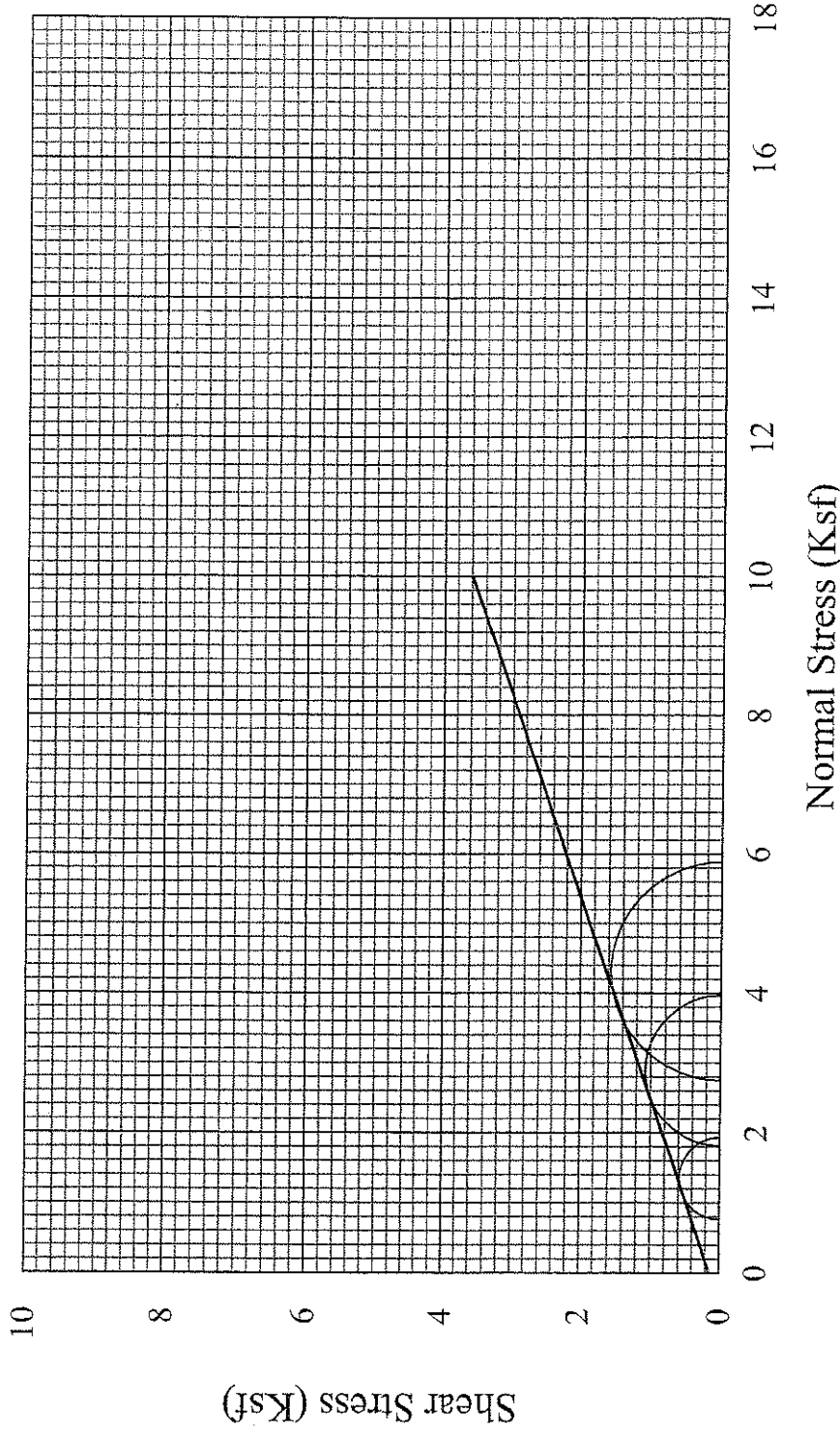
TRIAXIAL COMPRESSION TEST

THE VILLAGE
 Sacramento, California

FIGURE A1	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06
WKA NO. 7244.02	

TRIAXIAL COMPRESSION TEST

ASTM D4767-04



SAMPLE NO.: D39-4I

SAMPLE CONDITION: Undisturbed

SAMPLE DESCRIPTION: Gray, silty fine sand

DRY DENSITY (PCF): 75

INITIAL MOISTURE (%): 43.9

FINAL MOISTURE (%): 32.3

ANGLE OF INTERNAL FRICTION (ϕ): 19°

COHESION (PSF): 134



WALLACE-KUHL &
ASSOCIATES, INC.

TRIAXIAL COMPRESSION TEST

THE VILLAGE

Sacramento, California

FIGURE A2

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

EXPANSION INDEX TEST RESULTS

UBC Standard No. 18-2

ASTM D4829-03

MATERIAL DESCRIPTION: Light brown to brown, clayey silt

LOCATION: D3

Sample Depth	Pre-Test Moisture (%)	Post-Test Moisture (%)	Dry Density (pcf)	Expansion Index *
0'-3'	17.1	31.0	93	60

CLASSIFICATION OF EXPANSIVE SOIL **

EXPANSION INDEX	POTENTIAL EXPANSION
0 - 20	Very Low
21 - 50	Low
51 - 90	Medium
91 - 130	High
Above 130	Very High

* Corrected to 50% Saturation

** From UBC Table 18-I-B



WALLACE-KUHL &
ASSOCIATES, INC.

EXPANSION INDEX TEST RESULTS

THE VILLAGE

Sacramento, California

FIGURE A3

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

EXPANSION INDEX TEST RESULTS

UBC Standard No. 18-2

ASTM D4829-03

MATERIAL DESCRIPTION: Brown to gray, silty clay

LOCATION: D22

Sample Depth	Pre-Test Moisture (%)	Post-Test Moisture (%)	Dry Density (pcf)	Expansion Index *
½'-3'	21.5	36.2	85	36

CLASSIFICATION OF EXPANSIVE SOIL **

EXPANSION INDEX	POTENTIAL EXPANSION
0 - 20	Very Low
21 - 50	Low
51 - 90	Medium
91 - 130	High
Above 130	Very High

* Corrected to 50% Saturation

** From UBC Table 18-I-B



WALLACE-KUHL &
ASSOCIATES, INC.

EXPANSION INDEX TEST RESULTS

THE VILLAGE

Sacramento, California

FIGURE A4

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

EXPANSION INDEX TEST RESULTS

UBC Standard No. 18-2

ASTM D4829-03

MATERIAL DESCRIPTION: Light brown to brown, silty clay

LOCATION: D26

Sample Depth	Pre-Test Moisture (%)	Post-Test Moisture (%)	Dry Density (pcf)	Expansion Index *
½'-3'	14.4	30.3	92	42

CLASSIFICATION OF EXPANSIVE SOIL **

EXPANSION INDEX	POTENTIAL EXPANSION
0 - 20	Very Low
21 - 50	Low
51 - 90	Medium
91 - 130	High
Above 130	Very High

* Corrected to 50% Saturation

** From UBC Table 18-I-B



WALLACE-KUHL &
ASSOCIATES, INC.

EXPANSION INDEX TEST RESULTS

THE VILLAGE

Sacramento, California

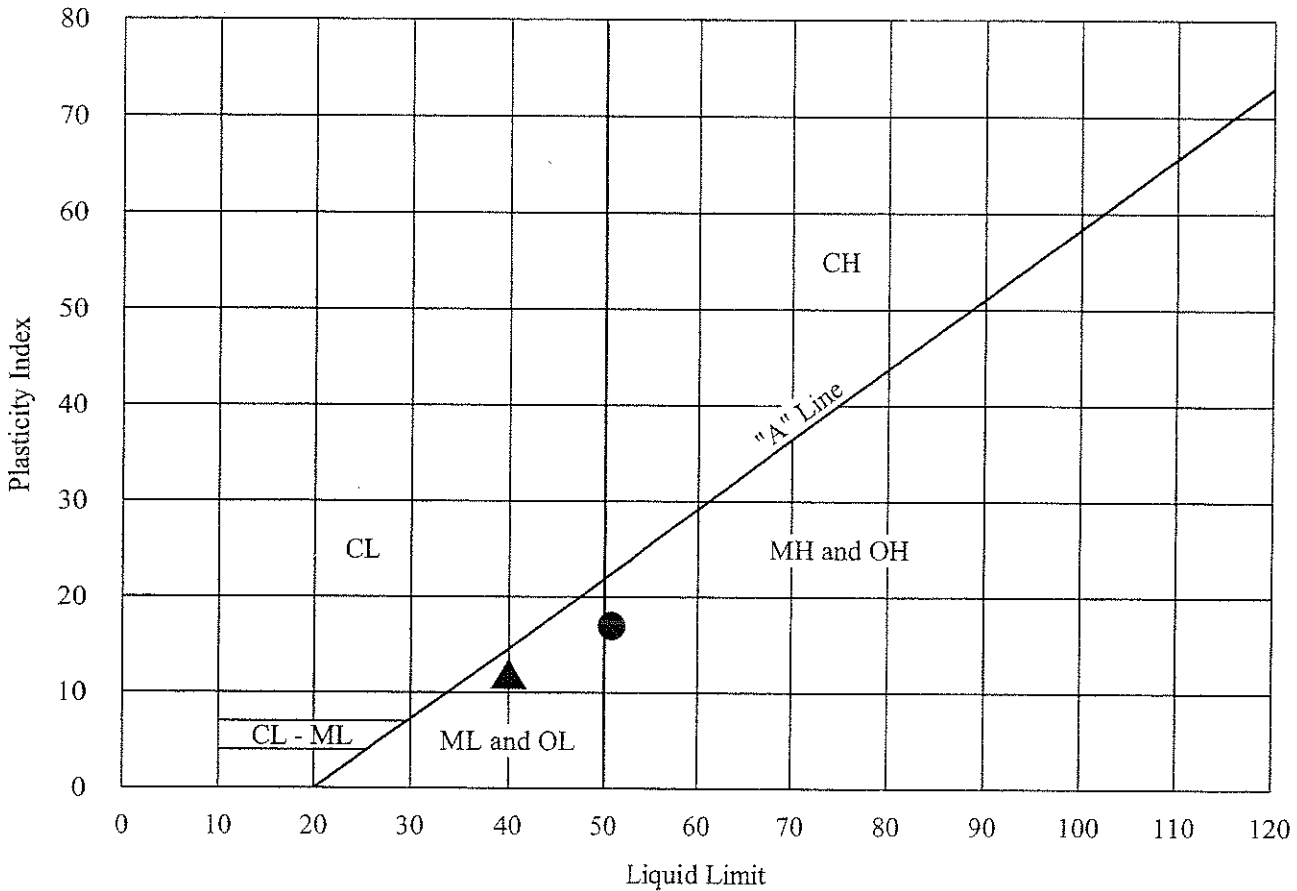
FIGURE A5

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

ATTERBERG LIMITS

ASTM D4318



KEY SYMBOL	LOCATION (SEE FIGURE NO. 2)	SAMPLE DEPTH	NATURAL WATER CONTENT (%)	ATTERBERG LIMITS		PASSING No. 200 SIEVE (%)	UNIFIED SOIL CLASSIFICATION SYMBOL
				LIQUID LIMIT (%)	PLASTICITY INDEX (%)		
●	D3-1II	2'	---	50.6	17.8	---	MH
▲	D31-1II	2'	---	40.0	11.1	---	ML



WALLACE-KUHL & ASSOCIATES, INC.

ATTERBERG LIMITS

THE VILLAGE

Sacramento, California

FIGURE A6

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

RESISTANCE VALUE TEST RESULTS

(California Test 301)

MATERIAL DESCRIPTION: Brown, silty clay/clayey silt

LOCATION: D3 (2')

Specimen No.	Dry Unit Weight (pcf)	Moisture @ Compaction (%)	Exudation Pressure (psi)	Expansion Pressure		R Value
				(dial)	(psf)	
1	98	24.4	239	55	238	8
2	103	21.7	494	105	455	28
3	103	19.2	796	120	520	52

R-Value at 300 psi exudation pressure = 13

MATERIAL DESCRIPTION: Brown, silty clay

LOCATION: D15 (1')

Specimen No.	Dry Unit Weight (pcf)	Moisture @ Compaction (%)	Exudation Pressure (psi)	Expansion Pressure		R Value
				(dial)	(psf)	
1	89	25.3	80	2	9	5
2	91	23.1	390	53	229	39
3	96	24.4	295	44	191	8

R-Value at 300 psi exudation pressure = 9



WALLACE-KUHL & ASSOCIATES, INC.

RESISTANCE VALUE TEST RESULTS

THE VILLAGE
Sacramento, California

FIGURE A7

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02

RESISTANCE VALUE TEST RESULTS (California Test 301)

MATERIAL DESCRIPTION: Brown, silty clay

LOCATION: D26 (1')

Specimen No.	Dry Unit Weight (pcf)	Moisture @ Compaction (%)	Exudation Pressure (psi)	Expansion Pressure		R- Value
				(dial)	(psf)	
1	98	28.2	446	0	0	11
2	102	21.6	191	17	74	5
3	104	20.7	271	30	130	7

R-Value at 300 psi exudation pressure = 8



WALLACE-KUHL &
ASSOCIATES, INC.

RESISTANCE VALUE TEST RESULTS

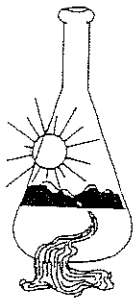
THE VILLAGE

Sacramento, California

FIGURE A8

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	9/06

WKA NO. 7244.02



Sunland Analytical

11353 Pyrites Way, Suite 4
Rancho Cordova, CA 95670
(916) 852-8557

Date Reported 08/09/2006
Date Submitted 08/04/2006

To: Mitch Tyler
Wallace-Kuhl & Associates
P.O. Box 1137
West Sacramento, Ca 95691

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : 7244.02/THE VILLAGE Site ID : D3.
Your purchase order number is 1653.
Thank you for your business.

* For future reference to this analysis please use SUN # 48500-96565.

EVALUATION FOR SOIL CORROSION

Soil pH	6.69		
Minimum Resistivity	1.26	ohm-cm (x1000)	
Chloride	46.9 ppm	00.00469	%
Sulfate	99.5 ppm	00.00995	%

METHODS

pH and Min. Resistivity CA DOT Test #643
Sulfate CA DOT Test #417, Chloride CA DOT Test #422



WALLACE-KUHL &
ASSOCIATES, INC.

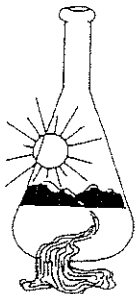
CORROSION TEST RESULTS

THE VILLAGE
Sacramento, California

FIGURE A9

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	8/06

WKA NO. 7244.02



Sunland Analytical

11353 Pyrites Way, Suite 4
Rancho Cordova, CA 95670
(916) 852-8557

Date Reported 08/09/2006
Date Submitted 08/04/2006

To: Mitch Tyler
Wallace-Kuhl & Associates
P.O. Box 1137
West Sacramento, Ca 95691

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : 7244.02/THE VILLAGE Site ID : D15.
Your purchase order number is 1653.
Thank you for your business.

* For future reference to this analysis please use SUN # 48500-96567.

EVALUATION FOR SOIL CORROSION

Soil pH	6.80		
Minimum Resistivity	1.63	ohm-cm (x1000)	
Chloride	86.4 ppm	00.00864	%
Sulfate	81.8 ppm	00.00818	%

METHODS

pH and Min. Resistivity CA DOT Test #643
Sulfate CA DOT Test #417, Chloride CA DOT Test #422



WALLACE-KUHL &
ASSOCIATES, INC.

CORROSION TEST RESULTS

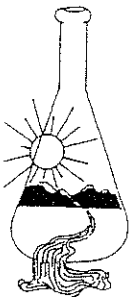
THE VILLAGE

Sacramento, California

FIGURE A10

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	8/06

WKA NO. 7244.02



Sunland Analytical

11353 Pyrites Way, Suite 4
Rancho Cordova, CA 95670
(916) 852-8557

Date Reported 08/09/2006
Date Submitted 08/04/2006

To: Mitch Tyler
Wallace-Kuhl & Associates
P.O. Box 1137
West Sacramento, Ca 95691

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : 7244.02/THE VILLAGE Site ID : D22.
Your purchase order number is 1653.
Thank you for your business.

* For future reference to this analysis please use SUN # 48500-96566.

EVALUATION FOR SOIL CORROSION

Soil pH	6.90		
Minimum Resistivity	1.02	ohm-cm (x1000)	
Chloride	139.1 ppm	00.01391	%
Sulfate	95.0 ppm	00.00950	%

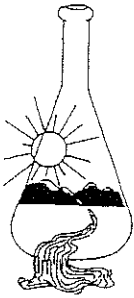
METHODS

pH and Min. Resistivity CA DOT Test #643
Sulfate CA DOT Test #417, Chloride CA DOT Test #422



CORROSION TEST RESULTS
THE VILLAGE
Sacramento, California

FIGURE A11	
DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	8/06
WKA NO. 7244.02	



Sunland Analytical

11353 Pyrites Way, Suite 4
Rancho Cordova, CA 95670
(916) 852-8557

Date Reported 08/09/2006
Date Submitted 08/04/2006

To: Mitch Tyler
Wallace-Kuhl & Associates
P.O. Box 1137
West Sacramento, Ca 95691

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager *RH*

The reported analysis was requested for the following location:
Location : 7244.02/THE VILLAGE Site ID : D36.
Your purchase order number is 1653.
Thank you for your business.

* For future reference to this analysis please use SUN # 48500-96568.

EVALUATION FOR SOIL CORROSION

Soil pH	6.56		
Minimum Resistivity	1.88	ohm-cm (x1000)	
Chloride	22.5 ppm	00.00225	%
Sulfate	100.3 ppm	00.01003	%

METHODS

pH and Min. Resistivity CA DOT Test #643
Sulfate CA DOT Test #417, Chloride CA DOT Test #422



WALLACE-KUHL &
ASSOCIATES, INC.

CORROSION TEST RESULTS

THE VILLAGE
Sacramento, California

FIGURE A12

DRAWN BY	MAH
CHECKED BY	MAT
PROJECT MGR	MAT
DATE	8/06

WKA NO. 7244.02

APPENDIX B



WALLACE & KUHL
& ASSOCIATES INC.

APPENDIX B
GUIDE EARTHWORK SPECIFICATIONS
THE VILLAGE
Sacramento, California
WKA No. 7244.02

PART I: GENERAL

1.1 SCOPE

a. General Description

This item shall include all clearing of organics, deleterious debris and associated items; preparation of surfaces to be filled, filling, spreading, compaction, observation and testing of the fill; and all subsidiary work necessary to complete the grading of the site to conform with the lines, grades and slopes as shown on the accepted Drawings.

b. Related Work Specified Elsewhere

- (1) Trenching and backfilling for sanitary sewer system: Section ____.
- (2) Trenching and backfilling for storm drain system: Section ____.
- (3) Trenching and backfilling for underground water, natural gas, and electric supplies: Section ____.

c. Geotechnical Engineer

Where specific reference is made to "Geotechnical Engineer;" this designation shall be understood to include either the Geotechnical Engineer or their representative.

1.2 PROTECTION

- a. Adequate protection measures shall be provided to protect workers and passers-by the site. Streets and adjacent property shall be fully protected throughout the operations.
- b. In accordance with generally accepted construction practices, the Contractor shall be solely and completely responsible for working conditions at the job site, including safety of all persons and property during performance of the work. This requirement shall apply continuously and shall not be limited to normal working hours.
- c. Any construction review of the Contractor's performance conducted by the Geotechnical Engineer is not intended to include review of the adequacy of the Contractor's safety measures, in, on or near the construction site.
- d. Adjacent streets and sidewalks shall be kept free of mud, dirt or similar nuisances resulting from earthwork operations.



- e. Surface drainage provisions shall be made during the period of construction in a manner to avoid creating a nuisance to adjacent areas.
- f. The site and adjacent influenced areas shall be watered as required to suppress dust nuisance.

1.3 GEOTECHNICAL REPORT

- a. A Geotechnical Engineering Report (WKA No. 7244.02; dated September 8, 2006) has been prepared for this site by Wallace - Kuhl & Associates, Inc., Geotechnical Engineers of West Sacramento, California [(916) 372-1434]. A copy is available for review at the office of Wallace - Kuhl & Associates, Inc.
- b. The information contained in this report was obtained for design purposes only. The Contractor is responsible for any conclusions they may draw from this report; should the Contractor prefer not to assume such risk, the Contractor should employ their own experts to analyze available information and/or to make additional explorations upon which to base their conclusions, all at no cost to the Owner.

1.4 EXISTING SITE CONDITIONS

The Contractor shall be acquainted with all site conditions. If unknown active utilities are encountered during the work, the Architect shall be promptly notified for instructions. Failure to notify will make the Contractor liable for damage to these utilities arising from Contractor's operations subsequent to their discovery of such unknown utilities.

1.5 SEASONAL LIMITS

Fill material shall not be placed, spread or rolled during unfavorable weather conditions. When the work is interrupted by heavy rains, fill operations shall not be resumed until field tests indicate that the moisture contents of the subgrade and fill materials are satisfactory.

PART II: PRODUCTS

2.1 MATERIALS

- a. All fill shall be approved local materials from required excavations, supplemented by imported fill, as necessary. Approved local materials are defined as native on-site soils that are free from significant quantities of oversized rubble, rubbish and vegetation, and having been approved by the Geotechnical Engineer prior to use.
- b. Imported fill materials shall be approved by the Geotechnical Engineer; they shall meet the above requirements; shall be granular in nature with a maximum Plasticity Index of fifteen (15); and, shall be of three inch (3") maximum particle size.
- c. Capillary barrier material under floor slabs shall be provided to the thickness shown on the Drawings. This material shall be crushed rock of one-inch (1") maximum size, with no material passing a Number four (#4) sieve.



PART III: EXECUTION3.1 LAYOUT AND PREPARATION

Lay out all work, establish grades, locate existing underground utilities, set markers and stakes, set up and maintain barricades and protection of utilities--all prior to beginning actual earthwork operations.

3.2 CLEARING, GRUBBING AND PREPARING BUILDING PAD AREAS

The site shall be cleared of all vegetation and rubbish, other deleterious items to be removed shall be disposed of so as to leave the areas that have been disturbed with a neat and finished appearance. Removal of tree stumps shall include the entire rootball and all roots larger than one-half inch (1/2") in diameter. Excavations and depressions resulting from the removal of such items, as well as any existing excavations or loose soil deposits, as determined by the Geotechnical Engineer, shall be cleaned out to firm, undisturbed soil and backfilled with suitable materials in accordance with these specifications.

Following site clearing operations, building pad areas to remain at-, or near-grade shall be excavated at least three feet (3') below the bottom of the planned footings. The excavation shall extend at least five feet (5') beyond the perimeter building lines, where possible. The exposed subgrade shall be thoroughly scarified to a depth of twelve inches (12"), moisture conditioned to the optimum moisture content, and uniformly compacted to at least ninety percent (90%) of the ASTM D1557 Compaction Test.

When the moisture content of the subgrade is too low to permit the specified compaction to be achieved, water shall be added until the proper moisture content is achieved.

When the moisture content of the subgrade is too high to permit the specified compaction to be achieved, the subgrade shall be aerated by blading or other methods until the moisture content is satisfactory for compaction.

Compaction operations shall be performed in the presence of the Geotechnical Engineer who will evaluate the performance of the materials under compactive load. Unstable soil deposits, as determined by the Geotechnical Engineer, shall be excavated to a firm base and grades restored with engineered fill in accordance with these specifications. If unstable subgrade conditions are encountered within the bottoms of excavations, the Geotechnical engineer shall provide alternate recommendations for stabilizing the subgrade at the time of construction, as conditions warrant.

3.3 PLACING, SPREADING AND COMPACTING FILL MATERIAL

- a. Fill material shall be placed in layers which, when compacted, shall not exceed six inches (6") in thickness. Each layer shall be spread evenly and shall be thoroughly mixed during the spreading to promote uniformity of material in each layer. Fill placed adjacent to the excavation slopes shall be benched into the side slope.



- b. When the moisture content of the fill material is too low to permit the specified compaction to be achieved, water shall be added until the proper moisture content is achieved.
- c. When the moisture content of the fill material is too high to permit the specified degree of compaction to be achieved, the fill material shall be aerated by blading or other methods until the moisture content is satisfactory.
- d. After each layer has been placed, mixed and spread evenly, it shall be thoroughly compacted to at least ninety percent (90%) as determined by the ASTM D1557 Compaction Test. Compaction shall be undertaken with a heavy, self-propelled sheepsfoot compactor (Caterpillar 815 or equivalent), capable of achieving the specified density and shall be accomplished while the fill material is at the required moisture content. Each layer shall be compacted over its entire area until the desired density has been obtained.
- e. The filling operations shall be continued until the fills have been brought to the finished slopes and grades as shown on the accepted Drawings.

3.4 TESTING AND OBSERVATION

- a. All excavation and grading operations shall be observed by the Geotechnical Engineer, serving as the representative of the Owner.
- b. The Geotechnical Engineer shall observe the compaction of each layer of fill. Additional layers of fill shall not be spread until the Geotechnical Engineer determines that the fill has been adequately compacted based on the compaction requirements as defined in Section 3.3d of these specifications.
- c. Earthwork shall not be performed without the notification or approval of the Geotechnical Engineer. The Contractor shall notify the Geotechnical Engineer at least two (2) working days prior to commencement of any aspect of the site earthwork.
- d. If the Contractor should fail to meet the technical or design requirements embodied in this document and on the applicable plans, he/she shall make the necessary readjustments until all work is deemed satisfactory, as determined by the Geotechnical Engineer and the Architect/Engineer. No deviation from the specifications shall be made except upon written approval of the Geotechnical Engineer or Architect/Engineer.



EDR Radius Map Report

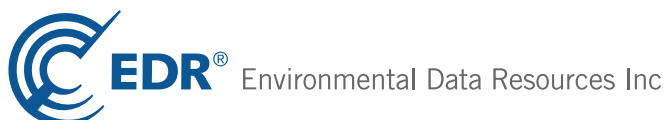


Capital City Freeway

Capital City Freeway
Sacramento, CA 95816

Inquiry Number: 3615440.2s
May 23, 2013

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	99
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-10
Physical Setting Source Map Findings	A-12
Physical Setting Source Records Searched	A-16

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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 (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

CAPITAL CITY FREEWAY
SACRAMENTO, CA 95816

COORDINATES

Latitude (North): 38.5829000 - 38° 34' 58.44"
Longitude (West): 121.4562000 - 121° 27' 22.32"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 634468.7
UTM Y (Meters): 4271415.0
Elevation: 20 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38121-E4 SACRAMENTO EAST, CA
Most Recent Revision: 1980

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

EXECUTIVE SUMMARY

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LIENS..... Environmental Liens Listing
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
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
CA BOND EXP. PLAN..... Bond Expenditure Plan
UIC..... UIC Listing
NPDES..... NPDES Permits Listing
Cortese..... "Cortese" Hazardous Waste & Substances Sites List

EXECUTIVE SUMMARY

CUPA Listings.....	CUPA Resources List
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Coal Combustion Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
HWT.....	Registered Hazardous Waste Transporter Database
HWP.....	EnviroStor Permitted Facilities Listing
Financial Assurance.....	Financial Assurance Information Listing
LEAD SMELTERS.....	Lead Smelter Sites
2020 COR ACTION.....	2020 Corrective Action Program List
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
PRP.....	Potentially Responsible Parties
WDS.....	Waste Discharge System
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
PCB TRANSFORMER.....	PCB Transformer Registration Database
PROC.....	Certified Processors Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

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.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a

EXECUTIVE SUMMARY

recommendation for listing at a later time. This 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 a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/05/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SACRAMENTO MUNICIPAL LDFL	28TH & A ST	WNW 1/8 - 1/4 (0.202 mi.)	K39	46

Federal RCRA generators list

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 02/12/2013 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>C STREET BUSINESS PARK</i>	<i>3301 C ST</i>	<i>SSE 0 - 1/8 (0.122 mi.)</i>	<i>D13</i>	<i>16</i>

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/12/2013 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>STATE MILITARY DEPOT</i>	<i>2814 B ST</i>	<i>W 1/8 - 1/4 (0.157 mi.)</i>	<i>G26</i>	<i>32</i>
<i>CALTRANS DISTRICT 03</i>	<i>2809 B ST</i>	<i>W 1/8 - 1/4 (0.162 mi.)</i>	<i>G28</i>	<i>37</i>

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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

EXECUTIVE SUMMARY

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 03/13/2013 has revealed that there are 6 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FUTURE SACRED HEART SCHOOL Status: No Further Action	39TH STREET AND H STREE	S 1/2 - 1 (0.659 mi.)	61	84
ALHAMBRA DRY CLEANERS Status: Refer: Other Agency	1000 ALHAMBRA BLVD	SW 1/2 - 1 (0.662 mi.)	62	88
FORMER RED FEATHER DRY CLEANER Status: Refer: Other Agency	2500 J STREET	WSW 1/2 - 1 (0.779 mi.)	63	91
WOODWARD CLEANERS AND DRYER Status: Refer: Other Agency	2201 J STREET	WSW 1/2 - 1 (0.914 mi.)	64	93
MERLINO'S Status: Refer: Other Agency	3200 FOLSOM BLVD	SSW 1/2 - 1 (0.967 mi.)	65	94
ARROW CURTAIN AND DRAPERY CLEA Status: Refer: Other Agency	3301 FOLSOM BOULEVARD	SSW 1/2 - 1 (0.993 mi.)	66	98

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 02/18/2013 has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SACRAMENTO CITY LANDFILL	28TH AND 'A' STREETS	WNW 1/8 - 1/4 (0.230 mi.)	44	51
SCOLLAN (OLD SAC CITY)	24TH AND A STREETS	W 1/4 - 1/2 (0.434 mi.)	57	74

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 03/18/2013 has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARY ANNE'S BAKING COMPANY Status: Open - Remediation	324 ALHAMBRA BOULEVARD	WSW 1/8 - 1/4 (0.142 mi.)	C18	20
BOSKO-LJUBISAVLJEVIC Status: Completed - Case Closed	400 29TH ST	WSW 1/8 - 1/4 (0.215 mi.)	L40	46
GLEN COX CHEVRON Status: Completed - Case Closed	430 29TH ST	WSW 1/8 - 1/4 (0.231 mi.)	L47	54

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER GASCO STATION #758	505 30TH STREET	SW 1/4 - 1/2 (0.281 mi.)	N53	64
FORMER GASCO STATION #758	505 30TH ST	SW 1/4 - 1/2 (0.281 mi.)	N54	65
Status: Completed - Case Closed				
MCKINLEY GARDEN APARTMENTS	300 MEISTER WAY	ESE 1/4 - 1/2 (0.424 mi.)	56	71
Status: Completed - Case Closed				
SHELL SERVICE STATION	730 29TH ST	SW 1/4 - 1/2 (0.466 mi.)	58	75
Status: Open - Site Assessment				
BLAIR LEASING COMPANY	206 24TH STREET	W 1/4 - 1/2 (0.478 mi.)	O59	82
BLAIR LEASING	206 24TH ST	W 1/4 - 1/2 (0.478 mi.)	O60	82
Status: Completed - Case Closed				

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 03/18/2013 has revealed that there are 2 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HARBOR SAND & GRAVEL**	200 28TH ST	W 1/8 - 1/4 (0.166 mi.)	G31	39
HARBOR SAND AND GRAVEL	200 28TH ST	W 1/8 - 1/4 (0.166 mi.)	G32	39
Facility Status: Open - Inactive				

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 02/04/2013 has revealed that there are 8 Sacramento Co. CS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARY ANNE'S BAKING COMPANY	324 ALHAMBRA BOULEVARD	WSW 1/8 - 1/4 (0.142 mi.)	C18	20
HARBOR SAND AND GRAVEL	200 28TH ST	W 1/8 - 1/4 (0.166 mi.)	G32	39
BOSKO-LJUBISAVLJEVIC	400 29TH ST	WSW 1/8 - 1/4 (0.215 mi.)	L40	46
FORMER GASCO STATION #758	505 30TH ST	SW 1/4 - 1/2 (0.281 mi.)	N54	65
CHEVRON SERVICE STATION #9-563	2821 E ST	WSW 1/4 - 1/2 (0.310 mi.)	55	71
MCKINLEY GARDEN APARTMENTS	300 MEISTER WAY	ESE 1/4 - 1/2 (0.424 mi.)	56	71
Date Closed: 11/20/2009				
SHELL SERVICE STATION	730 29TH ST	SW 1/4 - 1/2 (0.466 mi.)	58	75
BLAIR LEASING	206 24TH ST	W 1/4 - 1/2 (0.478 mi.)	O60	82
Date Closed: 12/27/2002				

State and tribal registered storage tank lists

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, and dated 03/18/2013 has revealed that there are 2 UST

EXECUTIVE SUMMARY

sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARY ANN'S BAKING CO INC CHEVRON #95632	324 ALHAMBRA BLVD 430 29TH ST	WSW 1/8 - 1/4 (0.142 mi.) WSW 1/8 - 1/4 (0.231 mi.)	C16 L46	18 54

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HARBOR SAND AND GRAVEL SUTTERS LANDING	200 28TH ST 28TH & A ST.	W 1/8 - 1/4 (0.166 mi.) WNW 1/8 - 1/4 (0.223 mi.)	G32 K42	39 50

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/10/2012 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHILDREN'S THEATRE	2711 B STREET, ONE CITY	W 1/8 - 1/4 (0.239 mi.)	M51	62

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
28TH STREET LANDFILL	28TH & A STREET	W 1/8 - 1/4 (0.176 mi.)	I34	41

EXECUTIVE SUMMARY

Local Lists of Registered Storage Tanks

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 are 4 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAL TRANS	2901 B ST	W 0 - 1/8 (0.090 mi.)	B5	11
MARY ANN'S BAKING CO INC	324 ALHAMBRA BLVD	WSW 1/8 - 1/4 (0.142 mi.)	C17	20
CANTEEN CORPORATION	4041 C ST	ESE 1/8 - 1/4 (0.150 mi.)	F24	30
KAUFMAN AND REYNOLDS CONSTRUCT	2727 B ST	W 1/8 - 1/4 (0.236 mi.)	M49	61

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 are 7 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAL TRANS	2901 B ST	W 0 - 1/8 (0.090 mi.)	B6	12
MARY ANNE'S BAKING COMPANY	324 ALHAMBRA BOULEVARD	WSW 1/8 - 1/4 (0.142 mi.)	C18	20
CANTEEN CORPORATION	4041 C ST	ESE 1/8 - 1/4 (0.150 mi.)	F23	30
STATE MILITARY DEPOT	2814 B ST	W 1/8 - 1/4 (0.157 mi.)	G26	32
CITY OF SACRAMENTO WASTE REMOV	28TH & A ST.	WNW 1/8 - 1/4 (0.223 mi.)	K43	50
GLEN COX CHEVRON	430 29TH ST	WSW 1/8 - 1/4 (0.231 mi.)	L47	54
KAUFMAN AND REYNOLDS CONSTRUCT	2727 B ST	W 1/8 - 1/4 (0.236 mi.)	M48	60

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 are 7 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
YANCEY COMPANY	211 30TH ST	WSW 0 - 1/8 (0.050 mi.)	A3	9
CAL TRANS	2901 B ST	W 0 - 1/8 (0.090 mi.)	B5	11
MARY ANN'S BAKING CO INC	324 ALHAMBRA BLVD	WSW 1/8 - 1/4 (0.142 mi.)	C16	18
CANTEEN CORPORATION	4041 C ST	ESE 1/8 - 1/4 (0.150 mi.)	F24	30
STATE MILITARY DEPOT	2814 B ST	W 1/8 - 1/4 (0.157 mi.)	G26	32
GLEN COX CHEVRON	430 29TH ST	WSW 1/8 - 1/4 (0.231 mi.)	L47	54
KAUFMAN AND REYNOLDS CONSTRUCT	2727 B ST	W 1/8 - 1/4 (0.236 mi.)	M49	61

EXECUTIVE SUMMARY

Other Ascertainable Records

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 [CALSTATES]. 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 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARY ANNE'S BAKING COMPANY	324 ALHAMBRA BOULEVARD	WSW 1/8 - 1/4 (0.142 mi.)	C18	20
BOSKO-LJUBISAVLJEVIC	400 29TH ST	WSW 1/8 - 1/4 (0.215 mi.)	L40	46
SHELL SERVICE STATION	730 29TH ST	SW 1/4 - 1/2 (0.466 mi.)	58	75

Notify 65: 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.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
28TH STREET LANDFILL	28TH & A STREET	W 1/8 - 1/4 (0.176 mi.)	I34	41

DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholstery cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 12/11/2012 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALSCO, INC	3391 LANATT ST	E 1/8 - 1/4 (0.148 mi.)	E22	29

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 02/04/2013 has revealed that there are 27 Sacramento Co. ML sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNION PACIFIC RAILROAD	3341 LANATT WAY	ENE 0 - 1/8 (0.028 mi.)	1	8
MID VALLEY WASTE SYSTEMS	211 30TH ST #B	WSW 0 - 1/8 (0.050 mi.)	A2	9
YANCEY COMPANY	211 30TH ST	WSW 0 - 1/8 (0.050 mi.)	A3	9
YANCEY COMPANY	3009 C ST	WSW 0 - 1/8 (0.105 mi.)	C7	12
DAVEY TREE EXPERT CO	3009 1/2 C ST	WSW 0 - 1/8 (0.106 mi.)	C8	13
CAMELLIA CITY SERVICES	3009 C ST 1/2	WSW 0 - 1/8 (0.106 mi.)	C9	14
CANNERY BUSINESS PARK	3301 C ST	SSE 0 - 1/8 (0.122 mi.)	D10	14
BIO-CYPHER LABORATORIES	3301 C ST 100E	SSE 0 - 1/8 (0.122 mi.)	D11	15
DELTA SIERRA DEVELOPMENTS	3301 C ST #104C	SSE 0 - 1/8 (0.122 mi.)	D12	15

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DIAGNOSTIC PATHOLOGY MEDICAL G	3301 C ST STE 200E	SSE 0 - 1/8 (0.122 mi.)	D14	18
MARY ANNE'S BAKING COMPANY	324 ALHAMBRA BOULEVARD	WSW 1/8 - 1/4 (0.142 mi.)	C18	20
ROYAL SERVICE, INC	3925 C ST	ESE 1/8 - 1/4 (0.147 mi.)	19	28
HEIECK SUPPLY	3390 LANATT ST	E 1/8 - 1/4 (0.147 mi.)	E20	28
NATIONAL LINEN SERVICE	3391 LANATT ST	E 1/8 - 1/4 (0.148 mi.)	E21	29
ALSCO, INC	3391 LANATT ST	E 1/8 - 1/4 (0.148 mi.)	E22	29
CANTEEN CORPORATION	4041 C ST	ESE 1/8 - 1/4 (0.150 mi.)	F24	30
STATE MILITARY DEPOT	2814 B ST	W 1/8 - 1/4 (0.157 mi.)	G26	32
CALTRANS - SACTO BRIDGE YARD	2809 B ST	W 1/8 - 1/4 (0.161 mi.)	G27	36
HILL FAMILY ENT, INC/CAMELLIA	3440 C ST	S 1/8 - 1/4 (0.163 mi.)	H29	38
HARBOR SAND AND GRAVEL	200 28TH ST	W 1/8 - 1/4 (0.166 mi.)	G32	39
LUBO'S BAVARIAN MOTORS	3450 ELVAS AVE	E 1/8 - 1/4 (0.192 mi.)	E36	44
GAS RECOVERY SYSTEMS - SACRAME	70 28TH ST	WNW 1/8 - 1/4 (0.192 mi.)	I37	45
ARMSTRONG PLUMBING	405 30TH ST	WSW 1/8 - 1/4 (0.199 mi.)	J38	45
BOSKO-LJUBISAVLJEVIC	400 29TH ST	WSW 1/8 - 1/4 (0.215 mi.)	L40	46
GLEN COX CHEVRON	430 29TH ST	WSW 1/8 - 1/4 (0.231 mi.)	L47	54
KAUFMAN AND REYNOLDS CONSTRUCT	2727 B ST	W 1/8 - 1/4 (0.236 mi.)	M49	61
FONTAINE METAL PRODUCTS	200 27TH ST	W 1/8 - 1/4 (0.242 mi.)	M52	64

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: 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 US Hist Auto Stat list, as provided by EDR, has revealed that there are 9 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

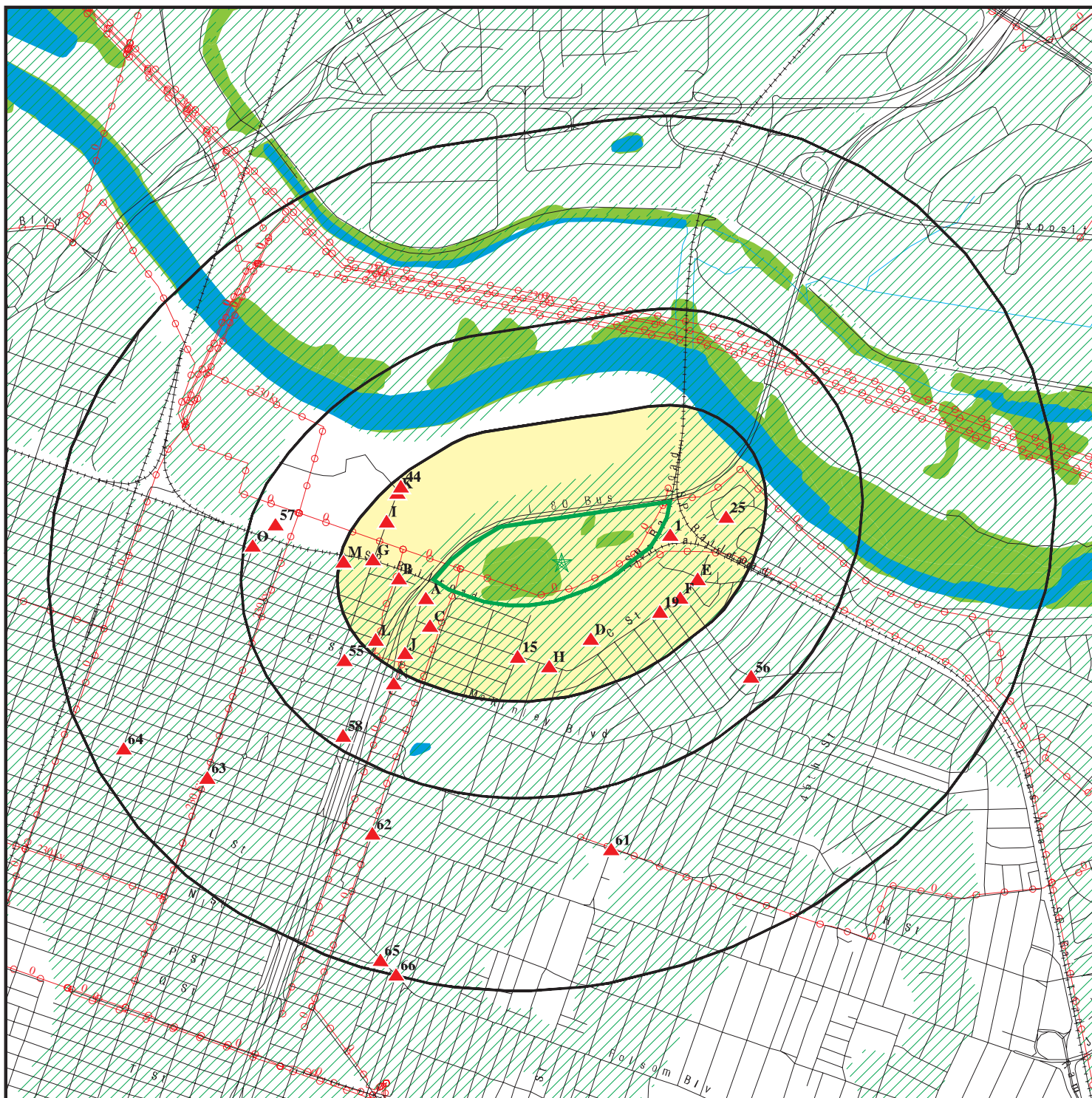
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STANDARD STATIONS INC	225 30TH ST	WSW 0 - 1/8 (0.060 mi.)	A4	11
HAYES C L	3300 C ST	SSW 1/8 - 1/4 (0.132 mi.)	15	18
Not reported	3701 MODDISON AVE	ENE 1/8 - 1/4 (0.151 mi.)	25	32
HALSE SOREN	3440 C ST	S 1/8 - 1/4 (0.163 mi.)	H30	39
HALSE S P	3450 C ST	S 1/8 - 1/4 (0.166 mi.)	H33	41
Not reported	3450 ELVAS AVE	E 1/8 - 1/4 (0.192 mi.)	E35	43
Not reported	400 29TH ST	WSW 1/8 - 1/4 (0.215 mi.)	L41	49
STANDARD STATIONS INC	430 29TH ST	WSW 1/8 - 1/4 (0.231 mi.)	L45	53
GULF OIL SERVICE STATION	431 30TH ST	WSW 1/8 - 1/4 (0.236 mi.)	J50	62

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
CITY OF SACRAMENTO WASTE REMOV DEPARTMENT OF FISH AND GAME FORMER CITY LDFL RIVERSIDE ELEVATORS CITY OF FOLSOM CORP YEARD 1X CITY OF SACRAMENTO 4200 W CAPITAL	FID,SWEEPS UST CERCLIS-NFRAP CERCLIS-NFRAP AST AST HAZNET HMIRS ERNS FINDS FINDS SLIC SLIC SLIC
SACRAMENTO CITY LANDFILL SACRAMENTO CITY LANDFILL SACRAMENTO-YOLO MOSQUITO & VECTOR SACRAMENTO-YOLO MOSQUITO & VECTOR CALTRANS NORTHGATE MAINT. STATION RC TOWING MADSON PLASTERING LES A & A AUTOMOTIVE CITY OF SACTO - SUTTER'S LANDING COMMERCIAL PROPERTY SERV. CALTRANS FORMER CITY LANDFILL	ML SACRAMENTO ML SACRAMENTO ML SACRAMENTO ML SACRAMENTO ML SACRAMENTO CS SACRAMENTO ENVIROSTOR

OVERVIEW MAP - 3615440.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

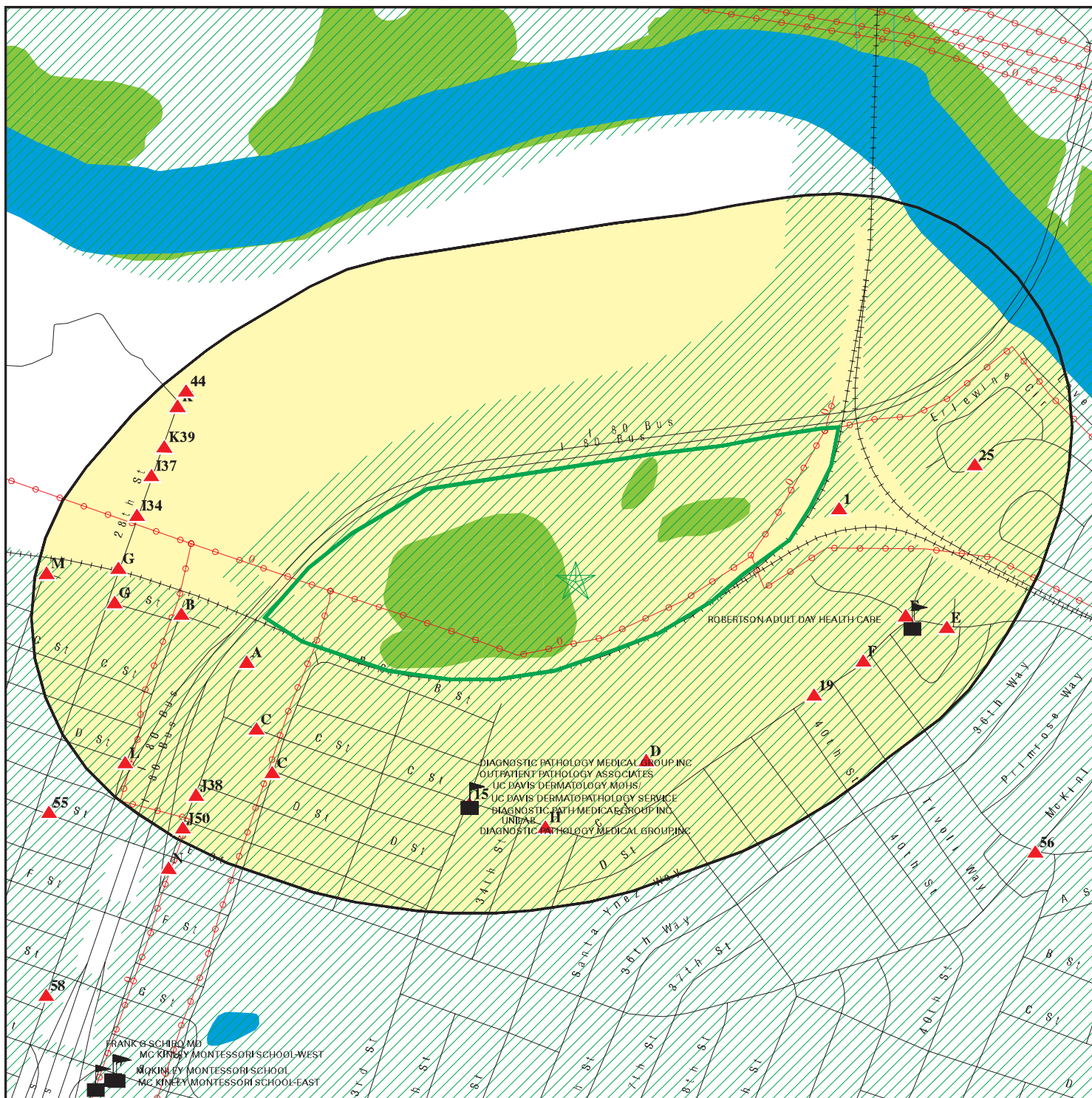
Areas of Concern

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: Capital City Freeway
 ADDRESS: Capital City Freeway
 Sacramento CA 95816
 LAT/LONG: 38.5829 / 121.4562

CLIENT: Dudek & Associates
 CONTACT: Garrett Gamache
 INQUIRY #: 3615440.2s
 DATE: May 23, 2013 3:05 pm

DETAIL MAP - 3615440.2s



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

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

0 1/8 1/4 1/2 Miles



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: Capital City Freeway
 ADDRESS: Capital City Freeway
 Sacramento CA 95816
 LAT/LONG: 38.5829 / 121.4562

CLIENT: Dudek & Associates
 CONTACT: Garrett Gamache
 INQUIRY #: 3615440.2s
 DATE: May 23, 2013 3:10 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								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	1	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	0	6	NR	6
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	1	1	NR	NR	2
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	3	6	NR	NR	9

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
SLIC	0.500		0	2	0	NR	NR	2
Sacramento Co. CS	0.500		0	3	5	NR	NR	8
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	1	0	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	1	0	NR	NR	1
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
Local Lists of Hazardous waste / Contaminated Sites								
US 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
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		1	3	NR	NR	NR	4
HIST UST	0.250		1	6	NR	NR	NR	7
SWEEPS UST	0.250		2	5	NR	NR	NR	7
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	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

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
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
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	2	1	NR	NR	3
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	1	0	0	NR	1
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Sacramento Co. ML	0.250		10	17	NR	NR	NR	27
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	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
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
WDS	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
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		1	8	NR	NR	NR	9
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

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

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
ENE
< 1/8
0.028 mi.
147 ft.

UNION PACIFIC RAILROAD
3341 LANATT WAY
SACRAMENTO, CA 95816

Sacramento Co. ML

S105455055
N/A

Relative:
Higher

Sacramento Co. ML:

Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: I
Billing Codes UST: Not reported
WG Bill Code: Not reported
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: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

Actual:
30 ft.

Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: A
Billing Codes UST: Not reported
WG Bill Code: Not reported
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: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A2 **MID VALLEY WASTE SYSTEMS**
WSW **211 30TH ST #B**
< 1/8 **SACRAMENTO, CA 95816**
0.050 mi.
264 ft.

Sacramento Co. ML **S105267411**
N/A

Relative:
Higher

Sacramento Co. ML:
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

Actual:
29 ft.

A3 **YANCEY COMPANY**
WSW **211 30TH ST**
< 1/8 **SACRAMENTO, CA 95816**
0.050 mi.
264 ft.

SWEEPS UST **S105267409**
Sacramento Co. ML **N/A**

Relative:
Higher

SWEEPS UST:
Status: Active
Comp Number: 50173
Number: 1
Board Of Equalization: 44-019382
Referral Date: 10-19-92
Action Date: 05-27-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: U0089186
Swrcb Tank Id: 34-000-050173-000001
Actv Date: 10-19-92
Capacity: 2000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 50173
Number: 1
Board Of Equalization: 44-019382
Referral Date: 10-19-92
Action Date: 05-27-94
Created Date: 02-29-88

Actual:
29 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YANCEY COMPANY (Continued)

S105267409

Tank Status: A
Owner Tank Id: U0089186-U001
Swrcb Tank Id: 34-000-050173-000002
Actv Date: 10-19-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 50173
Number: 1
Board Of Equalization: 44-019382
Referral Date: 10-19-92
Action Date: 05-27-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: U0089186
Swrcb Tank Id: 34-000-050173-000003
Actv Date: 10-19-92
Capacity: 550
Tank Use: M.V. FUEL
Stg: P
Content: SOLVENT
Number Of Tanks: Not reported

Sacramento Co. ML:

Facility Id: U0089186
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: 08/17/1987
UST Inspection Date: 06/25/1993
UST Tank Test Date: 06/15/1990
Number of Tanks: 0
UST Tank Test Date: Not reported
SIC Code: 5719
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

Facility Id: U0089186
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YANCEY COMPANY (Continued)

S105267409

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

A4
WSW
< 1/8
0.060 mi.
315 ft.

STANDARD STATIONS INC
225 30TH ST
SACRAMENTO, CA
Site 3 of 3 in cluster A

EDR US Hist Auto Stat 1009024509
N/A

Relative:
Higher

EDR Historical Auto Stations:
Name: STANDARD STATIONS INC
Year: 1966
Type: GASOLINE STATIONS

Actual:
28 ft.

B5
West
< 1/8
0.090 mi.
474 ft.

CAL TRANS
2901 B ST
SACRAMENTO, CA 95816
Site 1 of 2 in cluster B

CA FID UST S101630697
SWEEPS UST N/A

Relative:
Higher

CA FID UST:
Facility ID: 34007288
Regulated By: UTNKA
Regulated ID: 00064977
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9167414412
Mail To: Not reported
Mailing Address: 2901 B ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SACRAMENTO 95816
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Actual:
27 ft.

SWEEPS UST:
Status: Active
Comp Number: 64977
Number: 9
Board Of Equalization: 44-010340

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAL TRANS (Continued)

S101630697

Referral Date: 07-01-85
 Action Date: Not reported
 Created Date: 02-29-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 34-000-064977-000001
 Actv Date: 07-01-85
 Capacity: 1000
 Tank Use: M.V. FUEL
 Stg: P
 Content: UNKNOWN
 Number Of Tanks: 1

B6
West
< 1/8
0.090 mi.
474 ft.

CAL TRANS
2901 B ST
SACRAMENTO, CA 95816

HIST UST **U001615311**
N/A

Site 2 of 2 in cluster B

Relative:
Higher

HIST UST:
 Region: STATE
 Facility ID: 00000064977
 Facility Type: Other
 Other Type: RENTAL
 Total Tanks: 0000
 Contact Name: Not reported
 Telephone: 9167414412
 Owner Name: CAL TRANS
 Owner Address: 703 B STREET
 Owner City,St,Zip: MARYSVILLE, CA 95901

Actual:
27 ft.

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Tank Construction: Not reported
 Leak Detection: None

C7
WSW
< 1/8
0.105 mi.
554 ft.

YANCEY COMPANY
3009 C ST
SACRAMENTO, CA 95816

Sacramento Co. ML **S105268294**
N/A

Site 1 of 6 in cluster C

Relative:
Higher

Sacramento Co. ML:
 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

Actual:
27 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

YANCEY COMPANY (Continued)

S105268294

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
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

C8
WSW
< 1/8
0.106 mi.
559 ft.

DAVEY TREE EXPERT CO
3009 1/2 C ST
SACRAMENTO, CA 95816
Site 2 of 6 in cluster C

Sacramento Co. ML S105629088
N/A

Relative:
Higher

Sacramento Co. ML:	
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	A
Billing Codes UST:	Not reported
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:	Not reported

Actual:
27 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DAVEY TREE EXPERT CO (Continued)

S105629088

UST Tank Test Date: Not reported
 SIC Code: Not reported
 Tier Permitting: Not reported
 AST Bill Code: Not reported
 CALARP Bill Code: Not reported

C9
WSW
 < 1/8
 0.106 mi.
 559 ft.

CAMELLIA CITY SERVICES
3009 C ST 1/2
SACRAMENTO, CA 95816

Sacramento Co. ML

S105268296
N/A

Site 3 of 6 in cluster C

Relative:
Higher

Sacramento Co. ML:

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

Actual:
 27 ft.

D10
SSE
 < 1/8
 0.122 mi.
 646 ft.

CANNERY BUSINESS PARK
3301 C ST
SACRAMENTO, CA 95816

Sacramento Co. ML

S108756973
N/A

Site 1 of 5 in cluster D

Relative:
Higher

Sacramento Co. ML:

Facility Id: Not reported
 Facility Status: Inactive. Included on a listing no longer updated.
 FD: U
 Billing Codes BP: Disclaimer
 Billing Codes UST: No Tanks
 WG Bill Code: Oil Changed by Outside Company-No Fee
 Target Property Bill Cod: 50
 Food Bill Code: 50
 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

Actual:
 28 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CANNERY BUSINESS PARK (Continued)

S108756973

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

D11
SSE
 < 1/8
 0.122 mi.
 646 ft.

BIO-CYPHER LABORATORIES
3301 C ST 100E
SACRAMENTO, CA 95819

Sacramento Co. ML

S103706904
N/A

Site 2 of 5 in cluster D

Relative:
Higher

Sacramento Co. ML:
 Facility Id: Not reported
 Facility Status: Not reported
Actual: FD: Not reported
 28 ft. Billing Codes BP: I
 Billing Codes UST: Not reported
 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: Not reported
 UST Tank Test Date: Not reported
 SIC Code: Not reported
 Tier Permitting: Not reported
 AST Bill Code: Not reported
 CALARP Bill Code: Not reported

D12
SSE
 < 1/8
 0.122 mi.
 646 ft.

DELTA SIERRA DEVELOPMENTS
3301 C ST #104C
SACRAMENTO, CA 95816

Sacramento Co. ML

S105268297
N/A

Site 3 of 5 in cluster D

Relative:
Higher

Sacramento Co. ML:
 Facility Id: Not reported
 Facility Status: Inactive. Included on a listing no longer updated.
Actual: FD: U
 28 ft. Billing Codes BP: Disclaimer
 Billing Codes UST: No Tanks
 WG Bill Code: Oil Changed by Outside Company-No Fee
 Target Property Bill Cod: 50
 Food Bill Code: 50
 CUPA Permit Date: Not reported
 HAZMAT Permit Date: Not reported
 HAZMAT Inspection Date: Not reported
 Hazmat Date BP Received: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELTA SIERRA DEVELOPMENTS (Continued)

S105268297

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

D13
SSE
< 1/8
0.122 mi.
646 ft.

C STREET BUSINESS PARK
3301 C ST
SACRAMENTO, CA 95816
Site 4 of 5 in cluster D

RCRA-LQG 1014465285
HAZNET CAR000217349

Relative:
Higher

RCRA-LQG:

Actual:
28 ft.

Date form received by agency: 03/28/2011
Facility name: C STREET BUSINESS PARK
Facility address: 3301 C ST
SACRAMENTO, CA 95816
EPA ID: CAR000217349
Contact: LOUIS ORLANDO
Contact address: 3301 C ST
SACRAMENTO, CA 95816
Contact country: US
Contact telephone: 916-340-3100
Contact email: LOUIS@AKTPROPERTIES.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: C STREET BUSINESS PARK LLC
Owner/operator address: 3301 C STREET
SACRAMENTO, CA 95816
Owner/operator country: US
Owner/operator telephone: 916-388-2301
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/02/2006
Owner/Op end date: Not reported

Owner/operator name: AKT PROPERTIES
Owner/operator address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C STREET BUSINESS PARK (Continued)

1014465285

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/02/2006
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: 151
Waste name: 151

Waste code: 181
Waste name: 181

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

HAZNET:

Year: 2011
Gepaid: CAR000217349
Contact: LOUIS ORLANDO
Telephone: 9163403100
Mailing Name: Not reported
Mailing Address: 3301 C ST
Mailing City,St,Zip: SACRAMENTO, CA 958160000
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.5284
Facility County: Sacramento

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D14 **DIAGNOSTIC PATHOLOGY MEDICAL GROUP** **Sacramento Co. ML** **S107541330**
SSE **3301 C ST STE 200E**
< 1/8 **SACRAMENTO, CA 95816**
0.122 mi.
646 ft. **Site 5 of 5 in cluster D**

Relative: Sacramento Co. ML:
Higher Facility Id: Not reported
 Facility Status: Not reported
Actual: FD: Not reported
28 ft. Billing Codes BP: A
 Billing Codes UST: Not reported
 WG Bill Code: A
 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: Not reported
 UST Tank Test Date: Not reported
 SIC Code: Not reported
 Tier Permitting: I
 AST Bill Code: Not reported
 CALARP Bill Code: Not reported

15 **HAYES C L** **EDR US Hist Auto Stat** **1009018899**
SSW **3300 C ST**
1/8-1/4 **SACRAMENTO, CA**
0.132 mi.
699 ft.

Relative: EDR Historical Auto Stations:
Higher Name: HAYES C L
 Year: 1928
Actual: Type: GASOLINE AND OIL SERVICE STATIONS
27 ft.
 Name: HAYES C L
 Year: 1928
 Type: GASOLINE AND OIL SERVICE STATIONS

C16 **MARY ANN'S BAKING CO INC** **UST** **U003971444**
WSW **324 ALHAMBRA BLVD** **SWEEPS UST** **N/A**
1/8-1/4 **SACRAMENTO, CA 95816**
0.142 mi.
751 ft. **Site 4 of 6 in cluster C**

Relative: UST:
Higher Facility ID: FA0008332
 Latitude: 38.57987
Actual: Longitude: -121.4622
27 ft.
 SWEEPS UST:
 Status: Active
 Comp Number: 49727

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARY ANN'S BAKING CO INC (Continued)

U003971444

Number: 9
Board Of Equalization: 44-019372
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 34-000-049727-000001
Actv Date: 07-01-85
Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 3

Status: Active
Comp Number: 49727
Number: 9
Board Of Equalization: 44-019372
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 34-000-049727-000002
Actv Date: 07-01-85
Capacity: 1000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 49727
Number: 9
Board Of Equalization: 44-019372
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 34-000-049727-000003
Actv Date: 07-01-85
Capacity: 550
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

C17
WSW
1/8-1/4
0.142 mi.
751 ft.

MARY ANN'S BAKING CO INC
324 ALHAMBRA BLVD
SACRAMENTO, CA 95816

CA FID UST **S101628294**
N/A

Site 5 of 6 in cluster C

Relative:
Higher

CA FID UST:
 Facility ID: 34007191
 Regulated By: UTNKA
 Regulated ID: 00049727
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 9164414741
 Mail To: Not reported
 Mailing Address: 324 ALHAMBRA BLVD
 Mailing Address 2: Not reported
 Mailing City, St, Zip: SACRAMENTO 95816
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

Actual:
27 ft.

C18
WSW
1/8-1/4
0.142 mi.
751 ft.

MARY ANNE'S BAKING COMPANY
324 ALHAMBRA BOULEVARD
SACRAMENTO, CA

HIST CORTESE **U001615328**
LUST **N/A**
Sacramento Co. CS
HIST UST
Sacramento Co. ML

Site 6 of 6 in cluster C

Relative:
Higher

CORTESE:
 Region: CORTESE
 Facility County Code: 34
 Reg By: LTNKA
 Reg Id: 341240

Actual:
27 ft.

LUST:

Region: STATE
 Global Id: T0606701064
 Latitude: 38.5801733
 Longitude: -121.4620745
 Case Type: LUST Cleanup Site
 Status: Open - Remediation
 Status Date: 03/30/2010
 Lead Agency: SACRAMENTO COUNTY LOP
 Case Worker: CWL
 Local Agency: SACRAMENTO COUNTY LOP
 RB Case Number: 341240
 LOC Case Number: D551
 File Location: Local Agency
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: A complete site history is located here.

Click here to access the California GeoTracker records for this facility:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARY ANNE'S BAKING COMPANY (Continued)

U001615328

Contact:

Global Id: T0606701064
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: vfischer@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606701064
Contact Type: Local Agency Caseworker
Contact Name: CHARLEY LANGER
Organization Name: SACRAMENTO COUNTY LOP
Address: 10590 ARMSTRONG AVENUE, SUITE A
City: MATHER
Email: langerc@saccounty.net
Phone Number: 9168758474

Regulatory Activities:

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 04/06/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 04/25/2006
Action: File review

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 04/25/2006
Action: Staff Letter

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 06/02/2006
Action: Staff Letter

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 11/22/2006
Action: File review

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 08/28/2006
Action: * Verbal Communication

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 02/17/2006
Action: File review

Global Id: T0606701064

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARY ANNE'S BAKING COMPANY (Continued)

U001615328

Action Type: ENFORCEMENT
Date: 04/11/2007
Action: File review

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 04/11/2007
Action: Staff Letter

Global Id: T0606701064
Action Type: RESPONSE
Date: 08/29/2008
Action: CAP/RAP - Feasibility Study Report

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 02/17/2006
Action: Staff Letter

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 04/18/2007
Action: File review

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 02/06/2009
Action: Staff Letter

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 01/02/2009
Action: File review

Global Id: T0606701064
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 08/15/2007
Action: File review

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 01/08/2008
Action: File review

Global Id: T0606701064
Action Type: RESPONSE
Date: 08/03/2007
Action: Well Installation Report

Global Id: T0606701064
Action Type: RESPONSE
Date: 08/03/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARY ANNE'S BAKING COMPANY (Continued)

U001615328

Action: CAP/RAP - Feasibility Study Report

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 01/12/2006
Action: File review

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 01/12/2006
Action: Staff Letter

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 02/08/2006
Action: File review

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 03/04/2004
Action: Staff Letter

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 02/17/2004
Action: File review

Global Id: T0606701064
Action Type: RESPONSE
Date: 07/14/2006
Action: Other Report / Document

Global Id: T0606701064
Action Type: RESPONSE
Date: 01/26/2007
Action: Soil and Water Investigation Workplan

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 05/07/2010
Action: File review

Global Id: T0606701064
Action Type: RESPONSE
Date: 05/18/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 01/08/2008
Action: Staff Letter

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 11/28/2006
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARY ANNE'S BAKING COMPANY (Continued)

U001615328

Global Id:	T0606701064
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0606701064
Action Type:	RESPONSE
Date:	02/17/2009
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0606701064
Action Type:	RESPONSE
Date:	02/11/2010
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0606701064
Action Type:	RESPONSE
Date:	01/06/2011
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0606701064
Action Type:	RESPONSE
Date:	02/15/2008
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0606701064
Action Type:	RESPONSE
Date:	03/12/2012
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	08/10/2009
Action:	File Review - Closure
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	03/14/2007
Action:	Verbal Enforcement
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	10/27/2008
Action:	File review
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	08/28/2008
Action:	File review
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	11/09/2011
Action:	File review
Global Id:	T0606701064
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARY ANNE'S BAKING COMPANY (Continued)

U001615328

Date:	11/09/2011
Action:	Staff Letter
Global Id:	T0606701064
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0606701064
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Other (Use Description Field)
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	01/25/2009
Action:	Staff Letter
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	08/12/2008
Action:	File review
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	03/02/2007
Action:	File review
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	02/01/2007
Action:	File review
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	08/28/2006
Action:	File review
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	06/02/2006
Action:	File review
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	08/12/2008
Action:	Staff Letter
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	01/30/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701064
Action Type:	ENFORCEMENT
Date:	04/04/2006
Action:	Technical Correspondence / Assistance / Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARY ANNE'S BAKING COMPANY (Continued)

U001615328

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 01/30/2006
Action: File review

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 03/29/1999
Action: Notice of Responsibility

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 08/28/2008
Action: Staff Letter

Global Id: T0606701064
Action Type: ENFORCEMENT
Date: 02/06/2009
Action: File review

LUST REG 5:

Region: 5
Status: Pollution Characterization
Case Number: 341240
Case Type: Other ground water affected
Substance: GASOLINE
Staff Initials: VJF
Lead Agency: Local
Program: LUST
MTBE Code: 8

Sacramento Co. CS:

State Site Number: D551
Lead Staff: Langer, C.
Lead Agency: HM
Remedial Action Taken: NO
Substance: Automotive(motor gasoline and additives)
Date Reported: 02/17/1999
Facility Id: RO0001269
Case Type: Undefined
Case Closed: Not reported
Date Closed: Not reported

HIST UST:

Region: STATE
Facility ID: 00000049727
Facility Type: Other
Other Type: Not reported
Total Tanks: 0003
Contact Name: GEORGE DEMAS
Telephone: 9164414741
Owner Name: MARY ANN'S BAKING CO. INC.
Owner Address: 324 ALHAMBRA BLVD
Owner City,St,Zip: SACTO, CA 95816

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARY ANNE'S BAKING COMPANY (Continued)

U001615328

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Sacramento Co. ML:

Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: I
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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

19
ESE
1/8-1/4
0.147 mi.
776 ft.

ROYAL SERVICE, INC
3925 C ST
SACRAMENTO, CA 95819

Sacramento Co. ML

S105268299
N/A

Relative:
Higher

Sacramento Co. ML:
 Facility Id: Not reported
 Facility Status: Inactive. Included on a listing no longer updated.
 FD: U
 Billing Codes BP: Disclaimer
 Billing Codes UST: No Tanks
 WG Bill Code: Oil Changed by Outside Company-No Fee
 Target Property Bill Cod: 50
 Food Bill Code: 50
 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

E20
East
1/8-1/4
0.147 mi.
777 ft.

HEIECK SUPPLY
3390 LANATT ST
SACRAMENTO, CA 95816

Sacramento Co. ML

S105270185
N/A

Site 1 of 5 in cluster E

Relative:
Higher

Sacramento Co. ML:
 Facility Id: Not reported
 Facility Status: Inactive. Included on a listing no longer updated.
 FD: U
 Billing Codes BP: Disclaimer
 Billing Codes UST: No Tanks
 WG Bill Code: Oil Changed by Outside Company-No Fee
 Target Property Bill Cod: 50
 Food Bill Code: 50
 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

Actual:
30 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E21 **NATIONAL LINEN SERVICE**
East **3391 LANATT ST**
1/8-1/4 **SACRAMENTO, CA 95819**
0.148 mi.
782 ft. **Site 2 of 5 in cluster E**

Sacramento Co. ML **S100868840**
N/A

Relative: Sacramento Co. ML:
Higher Facility Id: U0144687
 Facility Status: Inactive. Included on a listing no longer updated.
Actual: FD: U
30 ft. 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: 07/20/1990
 UST Inspection Date: 07/10/1990
 UST Tank Test Date: 08/08/1992
 Number of Tanks: 0
 UST Tank Test Date: Not reported
 SIC Code: 7218
 Tier Permitting: Not reported
 AST Bill Code: Not reported
 CALARP Bill Code: Not reported

E22 **ALSCO, INC**
East **3391 LANATT ST**
1/8-1/4 **SACRAMENTO, CA 95819**
0.148 mi.
782 ft. **Site 3 of 5 in cluster E**

DRYCLEANERS **S105960217**
Sacramento Co. ML **N/A**

Relative: DRYCLEANERS:
Higher EPA Id: CAL000138408
 NAICS Code: 812331
Actual: NAICS Description: Linen Supply
30 ft. SIC Code: 7213
 SIC Description: Linen Supply
 Create Date: 07/26/1995
 Facility Active: Yes
 Inactive Date: Not reported
 Facility Addr2: Not reported
 Owner Name: ALSCO, INC.
 Owner Address: 505 EAST SOUTH TEMPLE ST
 Owner Address 2: Not reported
 Owner Telephone: 8013288831
 Contact Name: MICHAEL HOLLENBECK GEN MGR
 Contact Address: 3391 LANATT ST
 Contact Address 2: Not reported
 Contact Telephone: 9164545545

Sacramento Co. ML:
Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALSCO, INC (Continued)

S105960217

Billing Codes UST: Not reported
WG Bill Code: A
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: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

**F23
ESE
1/8-1/4
0.150 mi.
794 ft.**

**CANTEEN CORPORATION
4041 C ST
SACRAMENTO, CA 95819**

**HIST UST U001615415
N/A**

Site 1 of 2 in cluster F

**Relative:
Higher**

HIST UST:
Region: STATE
Facility ID: 00000067520
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0001
Contact Name: Not reported
Telephone: 9164524041
Owner Name: CANTEEN CORPORATION
Owner Address: 4041 C ST.
Owner City,St,Zip: SACRAMENTO, CA 95819

**Actual:
29 ft.**

Tank Num: 001
Container Num: #1
Year Installed: 1962
Tank Capacity: 00010000
Tank Used for: WASTE
Type of Fuel: 1
Tank Construction: /4 2 inches
Leak Detection: Visual, Stock Inventor

**F24
ESE
1/8-1/4
0.150 mi.
794 ft.**

**CANTEEN CORPORATION
4041 C ST
SACRAMENTO, CA 95819**

**CA FID UST S101629743
SWEEPS UST N/A
Sacramento Co. ML**

Site 2 of 2 in cluster F

**Relative:
Higher**

CA FID UST:
Facility ID: 34002155
Regulated By: UTNKI
Regulated ID: 00067520
Cortese Code: Not reported

**Actual:
29 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANTEEN CORPORATION (Continued)

S101629743

SIC Code: Not reported
Facility Phone: 9164524041
Mail To: Not reported
Mailing Address: 4041 C ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SACRAMENTO 958191910
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:

Status: Not reported
Comp Number: 67520
Number: Not reported
Board Of Equalization: 44-001135
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 34-000-067520-000001
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

Sacramento Co. ML:

Facility Id: U0007386
Facility Status: Inactive. Included on a listing no longer updated.
FD: U
Billing Codes BP: Disclaimer
Billing Codes UST: No Tanks
WG Bill Code: Oil Changed by Outside Company-No Fee
Target Property Bill Cod: 50
Food Bill Code: 50
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: Not reported
Hazmat Date BP Received: Not reported
UST Permit Dt: 07/14/1987
UST Inspection Date: 08/03/1991
UST Tank Test Date: 05/30/1990
Number of Tanks: 0
UST Tank Test Date: Not reported
SIC Code: 5963
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

Facility Id: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CANTEEN CORPORATION (Continued)

S101629743

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: 12/12/1990
 SIC Code: 5963
 Tier Permitting: Not reported
 AST Bill Code: Not reported
 CALARP Bill Code: Not reported

25
ENE
1/8-1/4
0.151 mi.
795 ft.

3701 MODDISON AVE
SACRAMENTO, CA 95819

EDR US Hist Auto Stat 1015453577
N/A

Relative:
Higher

Actual:
33 ft.

EDR Historical Auto Stations:
 Name: B & M RADIATOR SERVICE
 Year: 1999
 Address: 3701 MODDISON AVE

G26
West
1/8-1/4
0.157 mi.
827 ft.

STATE MILITARY DEPOT
2814 B ST
SACRAMENTO, CA 95816

RCRA-SQG 1000397424
FINDS CAD981369192
HIST UST
SWEEPS UST
Sacramento Co. ML
HAZNET

Site 1 of 5 in cluster G

Relative:
Higher

Actual:
27 ft.

RCRA-SQG:
 Date form received by agency: 01/23/1986
 Facility name: STATE MILITARY DEPOT
 Facility address: 2814 B ST
 SACRAMENTO, CA 95816
 EPA ID: CAD981369192
 Mailing address: B ST
 SACRAMENTO, CA 95816
 Contact: ENVIRONMENTAL MANAGER
 Contact address: 2814 B ST
 SACRAMENTO, CA 95816
 Contact country: US
 Contact telephone: (916) 920-6505
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STATE MILITARY DEPOT (Continued)

1000397424

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CALIFORNIA ARMY NATL GUARD
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002683098

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STATE MILITARY DEPOT (Continued)

1000397424

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HIST UST:

Region: STATE
Facility ID: 00000024257
Facility Type: Other
Other Type: SUPPLY, WAREHOUSE
Total Tanks: 0001
Contact Name: MSG JOHN V. NOONAN
Telephone: 9164420421
Owner Name: STATE OF CALIFORNIA MILITARY D
Owner Address: 2829 WATT AVENUE
Owner City,St,Zip: SACRAMENTO, CA 95821

Tank Num: 001
Container Num: 1
Year Installed: 1955
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 001
Container Num: 1
Year Installed: 1955
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

SWEEPS UST:

Status: Active
Comp Number: 24257
Number: 6
Board Of Equalization: Not reported
Referral Date: 09-04-91
Action Date: 09-04-91
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: U0002086
Swrcb Tank Id: 34-000-024257-000001
Actv Date: 09-04-91
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 1

Sacramento Co. ML:

Facility Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STATE MILITARY DEPOT (Continued)

1000397424

Facility Status: Not reported
FD: Not reported
Billing Codes BP: A
Billing Codes UST: Not reported
WG Bill Code: A
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: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

HAZNET:

Year: 2011
Gepaid: CAD981369192
Contact: SUSAN OAKLEY
Telephone: 9163614332
Mailing Name: Not reported
Mailing Address: 10620 MATHER BLVD
Mailing City,St,Zip: MATHER, CA 956554125
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0515
Facility County: Sacramento

Year: 2011
Gepaid: CAD981369192
Contact: SUSAN OAKLEY
Telephone: 9163614332
Mailing Name: Not reported
Mailing Address: 10620 MATHER BLVD
Mailing City,St,Zip: MATHER, CA 956554125
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.721
Facility County: Sacramento

Year: 2010
Gepaid: CAD981369192
Contact: SUSAN OAKLEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STATE MILITARY DEPOT (Continued)

1000397424

Telephone: 9163614332
Mailing Name: Not reported
Mailing Address: 10620 MATHER BLVD
Mailing City,St,Zip: MATHER, CA 956554125
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0485
Facility County: Sacramento

Year: 2010
Gepaid: CAD981369192
Contact: SUSAN OAKLEY
Telephone: 9163614332
Mailing Name: Not reported
Mailing Address: 10620 MATHER BLVD
Mailing City,St,Zip: MATHER, CA 956554125
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Detergent waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.066
Facility County: Sacramento

Year: 2010
Gepaid: CAD981369192
Contact: SUSAN OAKLEY
Telephone: 9163614332
Mailing Name: Not reported
Mailing Address: 10620 MATHER BLVD
Mailing City,St,Zip: MATHER, CA 956554125
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.042
Facility County: Sacramento

[Click this hyperlink](#) while viewing on your computer to access 23 additional CA_HAZNET: record(s) in the EDR Site Report.

G27
West
1/8-1/4
0.161 mi.
849 ft.

CALTRANS - SACTO BRIDGE YARD
2809 B ST
SACRAMENTO, CA 95819
Site 2 of 5 in cluster G

Sacramento Co. ML S104575074
N/A

Relative:
Higher

Sacramento Co. ML:
Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: A
Billing Codes UST: Not reported

Actual:
27 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALTRANS - SACTO BRIDGE YARD (Continued)

S104575074

WG Bill Code: A
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: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

G28
West
1/8-1/4
0.162 mi.
854 ft.

CALTRANS DISTRICT 03
2809 B ST
SACRAMENTO, CA 95816
Site 3 of 5 in cluster G

RCRA-SQG 1000857561
FINDS CAD983669987

Relative:
Higher
Actual:
27 ft.

RCRA-SQG:
Date form received by agency: 06/24/1993
Facility name: CALTRANS DISTRICT 03
Facility address: 2809 B ST
SACRAMENTO, CA 95819
EPA ID: CAD983669987
Mailing address: B ST
SACRAMENTO, CA 95819
Contact: DONALD TURNER
Contact address: 2809 B ST
SACRAMENTO, CA 95819
Contact country: US
Contact telephone: (916) 445-0162
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CALIFORNIA DEPT OF TRANSPORTATION
Owner/operator address: P O BOX 911
MARYVILLE, CA 95901
Owner/operator country: Not reported
Owner/operator telephone: (916) 741-4323
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALTRANS DISTRICT 03 (Continued)

1000857561

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002900399

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

H29
South
1/8-1/4
0.163 mi.
863 ft.

HILL FAMILY ENT, INC/CAMELLIA
3440 C ST
SACRAMENTO, CA 95816

Sacramento Co. ML S105268298
N/A

Site 1 of 3 in cluster H

Relative:
Higher

Sacramento Co. ML:
 Facility Id: Not reported
 Facility Status: Inactive. Included on a listing no longer updated.
 Actual: FD: U
 27 ft. 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILL FAMILY ENT, INC/CAMELLIA (Continued)

S105268298

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

H30
South
1/8-1/4
0.163 mi.
863 ft.

HALSE SOREN
3440 C ST
SACRAMENTO, CA

EDR US Hist Auto Stat **1009018897**
N/A

Site 2 of 3 in cluster H

Relative:
Higher

EDR Historical Auto Stations:

Name: HALSE SOREN
Year: 1928

Actual:
27 ft.

Type: GASOLINE AND OIL SERVICE STATIONS

Name: HALSE SOREN
Year: 1928
Type: GASOLINE AND OIL SERVICE STATIONS

G31
West
1/8-1/4
0.166 mi.
875 ft.

HARBOR SAND & GRAVEL**
200 28TH ST
SACRAMENTO, CA

SLIC **S104159914**
N/A

Site 4 of 5 in cluster G

Relative:
Higher

SLIC REG 5:

Region: 5
Facility Status: Closed by County
Unit: Facility is a Spill or site
Pollutant: TPH - d
Lead Agency: Not reported
Date Filed: 08/11/94
Report Date: / /
Date Added: Not reported
Date Closed: Not reported

Actual:
30 ft.

G32
West
1/8-1/4
0.166 mi.
875 ft.

HARBOR SAND AND GRAVEL
200 28TH ST
SACRAMENTO, CA

SLIC **S108743089**
Sacramento Co. CS **N/A**
AST
Sacramento Co. ML

Site 5 of 5 in cluster G

Relative:
Higher

SLIC:

Region: STATE
Facility Status: **Open - Inactive**
Status Date: 05/17/1994
Global Id: SL0606705586
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number: Not reported
Latitude: 38.586753
Longitude: -121.466389

Actual:
30 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARBOR SAND AND GRAVEL (Continued)

S108743089

Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Sacramento Co. CS:

State Site Number: A318
Lead Staff: Marcus, B.
Lead Agency: HM
Remedial Action Taken: YE, S
Substance: Diesel
Date Reported: 09/21/1993
Facility Id: RO0000057
Case Type: Soil only
Case Closed: Y
Date Closed: Not reported

AST:

Owner: Not reported
Total Gallons: 2,300
Certified Unified Program Agencies: Sacramento

Sacramento Co. ML:

Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: A
Billing Codes UST: Not reported
WG Bill Code: A
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: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

H33 South 1/8-1/4 0.166 mi. 876 ft.	HALSE S P 3450 C ST SACRAMENTO, CA Site 3 of 3 in cluster H	EDR US Hist Auto Stat	1009020648 N/A
--	---	-----------------------	-------------------

Relative: Higher	EDR Historical Auto Stations: Name: HALSE S P Year: 1933 Type: GASOLINE AND OIL SERVICE STATIONS
Actual: 27 ft.	

I34 West 1/8-1/4 0.176 mi. 928 ft.	28TH STREET LANDFILL 28TH & A STREET SACRAMENTO, CA 95814 Site 1 of 2 in cluster I	WMUDS/SWAT LDS Notify 65 WDS	S100178013 N/A
---	--	---------------------------------------	-------------------

Relative: Higher	WMUDS/SWAT: Edit Date: Not reported Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Actual: 32 ft.	
	Primary Waste: Solid Wastes Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
	Secondary Waste: Not reported Secondary Waste Type: Not reported Base Meridian: MD NPID: Not reported Tonnage: 0 Regional Board ID: Not reported Municipal Solid Waste: True Superorder: True Open To Public: False Waste List: False Agency Type: City Agency Name: SACRAMENTO, CITY OF Agency Department: Not reported Agency Address: 915 I ST Agency City,St,Zip: SACRAMENTO CA 95814 Agency Contact: GARY VAN DORST Agency Telephone: 9162647181 Land Owner Name: CITY OF SACRAMENTO Land Owner Address: 927 10TH STREET, SUITE 200 Land Owner City,St,Zip: SACRAMENTO, CA 95814 Land Owner Contact: Not reported Land Owner Phone: 9164495312 Region: 5S Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes. Facility Description: Not reported Facility Telephone: Not reported SWAT Facility Name: SACRAMENTO CITY LANDFILL Primary SIC: 4953 Secondary SIC: Not reported Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

28TH STREET LANDFILL (Continued)

S100178013

Last Facility Editors: Not reported
Waste Discharge System: True
Solid Waste Assessment Test Program: True
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act: False
Department of Defence: False
Solid Waste Assessment Test Program: CITY OF SACTO ST. MAINTENANCE
Threat to Water Quality: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Sub Chapter 15: True
Regional Board Project Officer: JDM
Number of WMUDS at Facility: 1
Section Range: 09N05E
RCRA Facility: No
Waste Discharge Requirements: A
Self-Monitoring Rept. Frequency: Semiannual Submittal
Waste Discharge System ID: 5A340309001
Solid Waste Information ID: 34-AD-0004

LDS:

Global Id: L10004804538
Latitude: Not reported
Longitude: Not reported
Case Type: Land Disposal Site
Status: Open
Status Date: 01/01/1965
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Caseworker: JDM
Local Agency: Not reported
RB Case Number: 5A340309001
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Notify 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92324

CA WDS:

Facility ID: Sacramento River 340309001
Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

28TH STREET LANDFILL (Continued)

S100178013

NPDES Number: Not reported
 Subregion: 0
 Facility Telephone: 9162647132
 Facility Contact: John Oleson
 Agency Name: SACRAMENTO CITY OF I ST
 Agency Address: 915 I ST
 Agency City,St,Zip: SACRAMENTO 95814
 Agency Contact: Not reported
 Agency Telephone: 9162645712
 Agency Type: City
 SIC Code: 4953
 SIC Code 2: Not reported
 Primary Waste: Solid Wastes
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
 Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
 Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

E35
East
1/8-1/4
0.192 mi.
1013 ft.

3450 ELVAS AVE
SACRAMENTO, CA 95819

Site 4 of 5 in cluster E

EDR US Hist Auto Stat 1015439862
N/A

Relative:
Higher

EDR Historical Auto Stations:
 Name: LUBOS BAVARIAN MOTORS
 Year: 2002
 Address: 3450 ELVAS AVE

Actual:
30 ft.

Name: LUBOS BAVARIAN MOTORS
 Year: 2003
 Address: 3450 ELVAS AVE

Name: LUBOS BAVARIAN MOTORS
 Year: 2004
 Address: 3450 ELVAS AVE

Name: LUBOS BAVARIAN MOTORS
 Year: 2005

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

1015439862

Address: 3450 ELVAS AVE
 Name: LUBOS BAVARIAN MOTORS
 Year: 2006
 Address: 3450 ELVAS AVE
 Name: LUBOS BAVARIAN MOTORS
 Year: 2007
 Address: 3450 ELVAS AVE
 Name: LUBOS BAVARIAN MOTORS
 Year: 2008
 Address: 3450 ELVAS AVE
 Name: LUBOS BAVARIAN MOTORS
 Year: 2009
 Address: 3450 ELVAS AVE
 Name: LUBOS BAVARIAN MOTORS
 Year: 2010
 Address: 3450 ELVAS AVE
 Name: LUBOS BAVARIAN MOTORS
 Year: 2012
 Address: 3450 ELVAS AVE

E36
East
1/8-1/4
0.192 mi.
1013 ft.

LUBO'S BAVARIAN MOTORS
3450 ELVAS AVE
SACRAMENTO, CA 95819

Sacramento Co. ML S102314140
N/A

Site 5 of 5 in cluster E

Relative:
Higher

Sacramento Co. ML:
 Facility Id: Not reported
 Facility Status: Not reported
 FD: Not reported
 Billing Codes BP: A
 Billing Codes UST: Not reported
 WG Bill Code: A
 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: Not reported
 UST Tank Test Date: Not reported
 SIC Code: Not reported
 Tier Permitting: Not reported
 AST Bill Code: Not reported
 CALARP Bill Code: Not reported

Actual:
30 ft.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

I37 **GAS RECOVERY SYSTEMS - SACRAMENTO FACILITY**
WNW **70 28TH ST**
1/8-1/4 **SACRAMENTO, CA 95816**
0.192 mi.
1013 ft. **Site 2 of 2 in cluster I**

Sacramento Co. ML **S108484627**
N/A

Relative: Sacramento Co. ML:
Higher Facility Id: Not reported
 Facility Status: Not reported
Actual: FD: Not reported
26 ft. Billing Codes BP: I
 Billing Codes UST: Not reported
 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: Not reported
 UST Tank Test Date: Not reported
 SIC Code: Not reported
 Tier Permitting: Not reported
 AST Bill Code: Not reported
 CALARP Bill Code: Not reported

J38 **ARMSTRONG PLUMBING**
WSW **405 30TH ST**
1/8-1/4 **SACRAMENTO, CA 95816**
0.199 mi.
1050 ft. **Site 1 of 2 in cluster J**

Sacramento Co. ML **S105267412**
N/A

Relative: Sacramento Co. ML:
Higher Facility Id: Not reported
 Facility Status: Inactive. Included on a listing no longer updated.
Actual: FD: U
27 ft. Billing Codes BP: Disclaimer
 Billing Codes UST: No Tanks
 WG Bill Code: Oil Changed by Outside Company-No Fee
 Target Property Bill Cod: 50
 Food Bill Code: 50
 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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

K39
WNW
1/8-1/4
0.202 mi.
1065 ft.

SACRAMENTO MUNICIPAL LDFL
28TH & A ST
SACRAMENTO, CA 95814

CERC-NFRAP

1003878854
CAD981382161

Site 1 of 3 in cluster K

Relative:
Higher

CERC-NFRAP:

Site ID: 0902305
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
25 ft.

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13052577.00000
Person ID: 9271184.00000

Contact Sequence ID: 13289888.00000
Person ID: 13003854.00000

Contact Sequence ID: 13295483.00000
Person ID: 13003858.00000

Contact Sequence ID: 13301341.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /
Date Completed: 02/01/86
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: / /
Date Completed: 03/19/91
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: PRELIMINARY ASSESSMENT
Date Started: 02/01/86
Date Completed: 05/01/86
Priority Level: Low priority for further assessment

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 12/28/94
Priority Level: Not reported

L40
WSW
1/8-1/4
0.215 mi.
1135 ft.

BOSKO-LJUBISAVLJEVIC
400 29TH ST
SACRAMENTO, CA

HIST CORTESE
LUST
Sacramento Co. CS
Sacramento Co. ML

S102425562
N/A

Site 1 of 5 in cluster L

Relative:
Higher

CORTESE:

Region: CORTESE
Facility County Code: 34
Reg By: LTNKA
Reg Id: 340242

Actual:
27 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOSKO-LJUBISAVLJEVIC (Continued)

S102425562

LUST:

Region: STATE
Global Id: T0606700185
Latitude: 38.579855
Longitude: -121.465406
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/01/1988
Lead Agency: SACRAMENTO COUNTY LOP
Case Worker: HM
Local Agency: Not reported
RB Case Number: 340242
LOC Case Number: R011
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0606700185
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: vfischer@waterboards.ca.gov
Phone Number: Not reported

Regulatory Activities:

Global Id: T0606700185
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0606700185
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 5:

Region: 5
Status: Case Closed
Case Number: 340242
Case Type: Soil only
Substance: GASOLINE
Staff Initials: VJF
Lead Agency: Local
Program: LUST
MTBE Code: N/A

Sacramento Co. CS:

State Site Number: R011
Lead Staff: None assigned, H.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOSKO-LJUBISAVLJEVIC (Continued)

S102425562

Lead Agency: HM
Remedial Action Taken: NO
Substance: Automotive(motor gasoline and additives)
Date Reported: 03/17/1988
Facility Id: RO0000060
Case Type: Not reported
Case Closed: Y
Date Closed: Not reported

Sacramento Co. ML:

Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: A
Billing Codes UST: Not reported
WG Bill Code: A
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: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: I
CALARP Bill Code: Not reported

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

Facility Id: Not reported
Facility Status: Inactive. Included on a listing no longer updated.
FD: U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOSKO-LJUBISAVLJEVIC (Continued)

S102425562

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:	03/12/1992
SIC Code:	7538
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported
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

L41
WSW
1/8-1/4
0.215 mi.
1135 ft.

**400 29TH ST
SACRAMENTO, CA 95816**
Site 2 of 5 in cluster L

EDR US Hist Auto Stat 1009024080
N/A

Relative:
Higher

EDR Historical Auto Stations:

Name:	PETE S TEXACO SERVICE
Year:	1966
Type:	GASOLINE STATIONS

Actual:
27 ft.

Name:	GLENS COMPLETE AUTOMOTIVE SERV
Year:	2010
Address:	400 29TH ST

Name:	GLENS AUTOMOTIVE SERVICE
Year:	2011

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

1009024080

Address: 400 29TH ST
 Name: GLENS AUTOMOTIVE SERVICE
 Year: 2012
 Address: 400 29TH ST

**K42
 WNW
 1/8-1/4
 0.223 mi.
 1177 ft.**

**SUTTERS LANDING
 28TH & A ST.
 SACRAMENTO, CA 95814**

**AST A100325089
 N/A**

Site 2 of 3 in cluster K

**Relative:
 Higher**

AST:
 Owner: CITY OF SACRAMENTO
 Total Gallons: 3,000
 Certified Unified Program Agencies: Sacramento

**Actual:
 26 ft.**

**K43
 WNW
 1/8-1/4
 0.223 mi.
 1177 ft.**

**CITY OF SACRAMENTO WASTE REMOV
 28TH & A ST.
 SACRAMENTO, CA 95816**

**HIST UST U001615315
 N/A**

Site 3 of 3 in cluster K

**Relative:
 Higher**

HIST UST:
 Region: STATE
 Facility ID: 00000018381
 Facility Type: Other
 Other Type: WASTE REMOVAL
 Total Tanks: 0004
 Contact Name: GARY PECK
 Telephone: 9164495215
 Owner Name: CITY OF SACRAMENTO
 Owner Address: 5730 24TH ST.
 Owner City,St,Zip: SACRAMENTO, CA 95822

**Actual:
 26 ft.**

Tank Num: 001
 Container Num: WR-101
 Year Installed: 1968
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 1/4 inches
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: WR-102
 Year Installed: 1974
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Tank Construction: 1/4 inches
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: WR-103-D
 Year Installed: 1974

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF SACRAMENTO WASTE REMOV (Continued)

U001615315

Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: WR-104-W0
Year Installed: 1968
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: 12 gauge
Leak Detection: Stock Inventor

44
WNW
1/8-1/4
0.230 mi.
1215 ft.

SACRAMENTO CITY LANDFILL
28TH AND 'A' STREETS
SACRAMENTO, CA

SWF/LF **S105548867**
Financial Assurance **N/A**

Relative:
Higher

SWF/LF (SWIS):

Actual:
27 ft.

Region: STATE
Facility ID: 34-AA-0018
Lat/Long: 38.5873599 / -121.45592
Owner Name: City of Sacramento, Dept. of Utilities
Owner Telephone: 9168084934
Owner Address: Solid Waste Division
Owner Address2: 2812 Meadowview Road
Owner City,St,Zip: Scaramento, CA 95832
Operational Status: Closed
Operator: City of Sacramento, Dept. of Utilities
Operator Phone: 9168084934
Operator Address: Solid Waste Division
Operator Address2: 2812 Meadowview Road
Operator City,St,Zip: Scaramento, CA 95832
Permit Date: 09/21/1984
Permit Status: Permitted
Permitted Acreage: 79
Activity: Solid Waste Disposal Site
Regulation Status: Permitted
Landuse Name: Open Space - Irrigated
GIS Source: Map
Category: Disposal
Unit Number: 01
Inspection Frequency: Quarterly
Accepted Waste: Not reported
Closure Date: 12/01/1994
Closure Type: Actual
Disposal Acreage: 79
SWIS Num: 34-AA-0018
Waste Discharge Requirement Num: II
Program Type: Financial Assurance Responsibilities
Permitted Throughput with Units: 600
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 0
Remaining Capacity: 0
Remaining Capacity with Units: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SACRAMENTO CITY LANDFILL (Continued)

S105548867

CA Financial Assurance 2:
Region: 2
SWIS_NO: 34-AA-0018
Closure Approved: Yes
Closure Inf Coverage Date: Not reported
Closure Plan Coverage: 3207577
Closure Plan Date: 01/05/1996
PostClose Approved: Yes
PostClose Adequacy Date: 01/05/1996
PostClose Inf Coverage: 7358286
PostClose Inf Coverage Date: 06/01/2007
CorActCoverage: 588262
CorActApproved: Yes
CorAct Mec Adequacy Date: Not reported
CorAct Inf Coverage: 588262
CorActPlanCoverage: 551100
CorAct Plan Date: 03/26/2004
Lia Coverage: 0
Lia Approved: Yes
Review: 09/03/2004
Closure Mechanism A: Not reported
Closure Mechanism B: Not reported
Closure Coverage: 0
Closure Adequacy: Not reported
Closure Approved: Yes
Closure Inflation Estimate: 0
Closure Inflation Date: Not reported
Closure Plan Coverage: 3207577
Closure Plan Date: 01/05/1996
Post Closure Mechanism A: PLEDGE OF REVENUE
Post Closure Established A: Not reported
Post Closure Mechanism B: Not reported
Post Closure Coverate: 7358286
Post Closure Adequacy: Not reported
Post Closure Approved: Yes
Post Closure Inflation Estimate: 7358286
Post Closure Inflation Date: 06/01/2007
Post Closure Plan Date: 01/05/1996
Corrective Action Established A: 09/23/2004
Corrective Action Coverage: 588262
Corrective Action Adequacy: Not reported
Corrective Action Approved: Yes
Corrective Action Inflation Estimate: 588262
Corrective Action Inflationdate: 05/22/2006
Corrective Action Plan Estimate: 551100
Corrective Action Plan Date: 03/26/2004
Liability Mechanism A: Not reported
Liability Established A: Not reported
Liability Mechanism B: Not reported
Liability Coverage: 0
CostAnniversary: Not reported
ClosureEstablishedA: Not reported
ClosureEstablishedB: Not reported
ClosureDisbursement: 0
PostClosureEstablishedB: Not reported
PostClosureDisbursement: 0
CorrectiveActionMechanismA: PLEDGE OF REVENUE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SACRAMENTO CITY LANDFILL (Continued)

S105548867

CorrectiveActionMechanismB: Not reported
 CorrectiveActionEstablishedB: Not reported
 CorrectiveActionDisbursement: 0
 LiabilityEstablishedB: Not reported
 LiabilityAdequacy: Not reported
 Liability Approved: Yes
 Contact: Not reported

L45
WSW
1/8-1/4
0.231 mi.
1222 ft.

STANDARD STATIONS INC
430 29TH ST
SACRAMENTO, CA
Site 3 of 5 in cluster L

EDR US Hist Auto Stat 1009020929
N/A

Relative:
Higher

EDR Historical Auto Stations:

Actual:
27 ft.

Name:	STANDARD STATIONS INC
Year:	1966
Type:	GASOLINE STATIONS
Name:	STANDARD STATIONS INC
Year:	1970
Type:	GASOLINE STATIONS
Name:	STANDARD STATIONS INC
Year:	1975
Type:	GASOLINE STATIONS
Name:	STANDARD STATIONS INC
Year:	1980
Type:	GASOLINE STATIONS
Name:	CHEVRON STATIONS
Year:	1999
Address:	430 29TH ST
Name:	CHEVRON STATIONS
Year:	2000
Address:	430 29TH ST
Name:	COX GLEN CHEVRON SERVICE STTN
Year:	2001
Address:	430 29TH ST
Name:	COX GLEN CHEVRON SERVICE STTN
Year:	2002
Address:	430 29TH ST
Name:	COX GLEN CHEVRON SERVICE STTN
Year:	2003
Address:	430 29TH ST
Name:	GLEN COX CHEVRON
Year:	2004
Address:	430 29TH ST
Name:	GLEN COX CHEVRON
Year:	2005
Address:	430 29TH ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANDARD STATIONS INC (Continued)

1009020929

Name: GLEN COX CHEVRON
Year: 2006
Address: 430 29TH ST

Name: GLEN COX CHEVRON
Year: 2007
Address: 430 29TH ST

Name: GLEN COX CHEVRON
Year: 2008
Address: 430 29TH ST

Name: GLEN COX CHEVRON
Year: 2009
Address: 430 29TH ST

Name: GLEN COX CHEVRON
Year: 2010
Address: 430 29TH ST

L46
WSW
1/8-1/4
0.231 mi.
1222 ft.

CHEVRON #95632
430 29TH ST
SACRAMENTO, CA 95816

UST U003938807
N/A

Site 4 of 5 in cluster L

Relative:
Higher

UST:
Facility ID: FA0001174
Latitude: 38.57981
Longitude: -121.46516

Actual:
27 ft.

L47
WSW
1/8-1/4
0.231 mi.
1222 ft.

GLEN COX CHEVRON
430 29TH ST
SACRAMENTO, CA 95816

LUST U001615309
HIST UST N/A
SWEEPS UST
Sacramento Co. ML

Site 5 of 5 in cluster L

Relative:
Higher

LUST:
Region: STATE
Global Id: T0606791614
Latitude: 38.5798
Longitude: -121.465337
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/16/2009
Lead Agency: SACRAMENTO COUNTY LOP
Case Worker: CWL
Local Agency: SACRAMENTO COUNTY LOP
RB Case Number: 341335
LOC Case Number: F577
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: In August 1991 Chevron removed one 1,000-gallon waste-oil tank, two 10,000-gallon and one 5,000-gallon gasoline USTs. Low levels of fuel hydrocarbons were detected below the tanks and none was detected

Actual:
27 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLEN COX CHEVRON (Continued)

U001615309

below the dispensers and fuel lines. In August 2000 Chevron drilled seven soil borings to investigate the vertical and lateral extent of soil contamination, and to determine if groundwater was impacted. TPHg and MTBE was detected at low levels in groundwater samples, and in 2002 Chevron installed three groundwater monitoring wells (MW-1 through MW-3). MTBE was detected in the wells at a maximum of 17 ppb. In 2004 and 2005 Chevron installed five additional monitoring wells to define the extent of groundwater contamination (MW-4 through MW-8.) Groundwater monitoring between 2002 and the present indicated declining contaminant concentration trends. Chevrons consultant estimates that water quality objectives will be achieved through natural attenuation by 2013. On November 16, 2007 EMD and the CVRWQCB met to consider the site for no further action. Both agencies agreed that the site could be closed pending a favorable outcome of obtaining better definition of groundwater impacts around well MW-7, and needed revisions to the case closure summary. Results of the additional delineation were submitted on May 26, 2009. No problematic conditions were found. EMD and the CVRWQCB concurred with site closure on June 11, 2009. The monitoring wells were destroyed on September 22 and 23, 2009 and all drums have been removed from the site.

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0606791614
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: vfischer@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606791614
Contact Type: Local Agency Caseworker
Contact Name: CHARLEY LANGER
Organization Name: SACRAMENTO COUNTY LOP
Address: 10590 ARMSTRONG AVENUE, SUITE A
City: MATHER
Email: langerc@saccounty.net
Phone Number: 9168758474

Regulatory Activities:

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 08/10/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 03/10/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606791614
Action Type: Other
Date: 01/01/1950

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLEN COX CHEVRON (Continued)

U001615309

Action: Leak Stopped

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 03/17/2008
Action: File review

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 03/17/2008
Action: Staff Letter

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 03/31/2008
Action: File review

Global Id: T0606791614
Action Type: RESPONSE
Date: 05/29/2009
Action: Soil and Water Investigation Report

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 06/16/2009
Action: File review

Global Id: T0606791614
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0606791614
Action Type: RESPONSE
Date: 08/28/2009
Action: Other Report / Document

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 07/10/2008
Action: Meeting

Global Id: T0606791614
Action Type: RESPONSE
Date: 06/08/2009
Action: Other Report / Document

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 06/16/2009
Action: Staff Letter

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: File review

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLEN COX CHEVRON (Continued)

U001615309

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 04/10/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 12/15/2008
Action: File review

Global Id: T0606791614
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0606791614
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 10/16/2009
Action: Closure/No Further Action Letter

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 10/01/2004
Action: * Historical Enforcement

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 11/16/2007
Action: Meeting

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Staff Letter

Global Id: T0606791614
Action Type: ENFORCEMENT
Date: 01/05/2009
Action: File review

LUST REG 5:

Region: 5
Status: No Action
Case Number: 341335
Case Type: Other ground water affected
Substance: GASOLINE
Staff Initials: VJF
Lead Agency: Local
Program: LUST
MTBE Code: N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLEN COX CHEVRON (Continued)

U001615309

HIST UST:

Region: STATE
Facility ID: 00000062791
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: DOUGHERTY, A J
Telephone: 9164439502
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105

Tank Num: 001
Container Num: 1
Year Installed: 1970
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000250 unknown
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1970
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000250 unknown
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1970
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000250 unknown
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: 1970
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 0000130 unknown
Leak Detection: Stock Inventor

SWEEPS UST:

Status: Active
Comp Number: 62791
Number: 2
Board Of Equalization: 44-031913
Referral Date: 10-05-92
Action Date: 01-13-93
Created Date: 02-29-88

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLEN COX CHEVRON (Continued)

U001615309

Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 34-000-062791-000001
Actv Date: 10-05-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 62791
Number: 2
Board Of Equalization: 44-031913
Referral Date: 10-05-92
Action Date: 01-13-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 34-000-062791-000002
Actv Date: 10-05-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 62791
Number: 2
Board Of Equalization: 44-031913
Referral Date: 10-05-92
Action Date: 01-13-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 34-000-062791-000003
Actv Date: 10-05-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 62791
Number: 2
Board Of Equalization: 44-031913
Referral Date: 10-05-92
Action Date: 01-13-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 34-000-062791-000004
Actv Date: 10-05-92
Capacity: 1000
Tank Use: OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLEN COX CHEVRON (Continued)

U001615309

Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

Sacramento Co. ML:

Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: A
Billing Codes UST: A
WG Bill Code: A
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

M48
West
1/8-1/4
0.236 mi.
1246 ft.

KAUFMAN AND REYNOLDS CONSTRUCT
2727 B ST
SACRAMENTO, CA 95816

HIST UST **U001615327**
N/A

Site 1 of 4 in cluster M

Relative:
Higher

HIST UST:
Region: STATE
Facility ID: 00000021979
Facility Type: Other
Other Type: CONSTRUCTION COMPANY
Total Tanks: 0000
Contact Name: Not reported
Telephone: 9164449595
Owner Name: K R O W P INVESTMENT COMPANY (
Owner Address: 2727 B STREET
Owner City,St,Zip: SACRAMENTO, CA 95816

Actual:
27 ft.

Tank Num: 001
Container Num: G-648071
Year Installed: 1974
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M49
West
1/8-1/4
0.236 mi.
1246 ft.

KAUFMAN AND REYNOLDS CONSTRUCT
2727 B ST
SACRAMENTO, CA 95816

CA FID UST
SWEEPS UST
Sacramento Co. ML

S101628293
N/A

Site 2 of 4 in cluster M

Relative:
Higher

CA FID UST:

Facility ID: 34006975
Regulated By: UTNKA
Regulated ID: 00021979
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9164449595
Mail To: Not reported
Mailing Address: 2727 B ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SACRAMENTO 95816
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Actual:
27 ft.

SWEEPS UST:

Status: Active
Comp Number: 21979
Number: 9
Board Of Equalization: 44-019113
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: G-648071
Swrcb Tank Id: 34-000-021979-000001
Actv Date: 07-01-85
Capacity: 2000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: 1

Sacramento Co. ML:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAUFMAN AND REYNOLDS CONSTRUCT (Continued)

S101628293

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

J50
WSW
1/8-1/4
0.236 mi.
1247 ft.

GULF OIL SERVICE STATION
431 30TH ST
SACRAMENTO, CA

EDR US Hist Auto Stat **1009023947**
N/A

Site 2 of 2 in cluster J

Relative:
Higher

EDR Historical Auto Stations:

Name: BOB S GULF SERVICE
Year: 1966

Actual:
27 ft.

Type: GASOLINE STATIONS

Name: GULF OIL SERVICE STATION
Year: 1970
Type: GASOLINE STATIONS

M51
West
1/8-1/4
0.239 mi.
1260 ft.

CHILDREN'S THEATRE
2711 B STREET, ONE CITY BLOCK
SACRAMENTO, CA 94203

US BROWNFIELDS **1014948685**
N/A

Site 3 of 4 in cluster M

Relative:
Higher

US BROWNFIELDS:

Recipient name: R9 Brownfields TBA (previously Superfund TBA)
Grant type: TBA

Actual:
28 ft.

Property name: CHILDREN'S THEATRE

Property #: Not reported

Parcel size: 1

Property Description: Not reported

Latitude: 38.5829368

Longitude: -121.4663481

HCM label: Address Matching-House Number

Map scale: Not reported

Point of reference: Entrance Point of a Facility or Station

Datum: North American Datum of 1983

ACRES property ID: 11216

Start date: Not reported

Completed date: Not reported

Acres cleaned up: Not reported

Cleanup funding: Not reported

Cleanup funding source: Not reported

Assessment funding: 15421

Assessment funding source: US EPA - TBA Funding

Redevelopment funding: Not reported

Redev. funding source: Not reported

Redev. funding entity name: Not reported

Redevelopment start date: Not reported

Assessment funding entity: EPA

Cleanup funding entity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHILDREN'S THEATRE (Continued)

1014948685

Grant type: H
Accomplishment type: Phase II Environmental Assessment
Accomplishment count: 1
Cooperative agreement #: n/a
Ownership entity: Not reported
Current owner: Not reported
Did owner change: Not reported
Cleanup required: Unknown
Video available: Not reported
Photo available: Not reported
Institutional controls required: U
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Not reported
Lead cleaned up: Not reported
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Not reported
Petro products cleaned: Not reported
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Not reported
Soil cleaned up: Not reported
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Not reported
VOCs cleaned: Not reported
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHILDREN'S THEATRE (Continued)

1014948685

Past use commercial acreage: Not reported
 Past use industrial acreage: Not reported
 Future use greenspace acreage: Not reported
 Future use residential acreage: Not reported
 Future use commercial acreage: Not reported
 Future use industrial acreage: Not reported
 Greenspace acreage and type: Not reported
 Superfund Fed. landowner flag: Not reported

M52
West
1/8-1/4
0.242 mi.
1279 ft.

FONTAINE METAL PRODUCTS
200 27TH ST
SACRAMENTO, CA 95816
Site 4 of 4 in cluster M

Sacramento Co. ML S102311290
N/A

Relative:
Higher

Sacramento Co. ML:
 Facility Id: Not reported
 Facility Status: Not reported
 FD: Not reported
 Billing Codes BP: A
 Billing Codes UST: Not reported
 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: Not reported
 UST Tank Test Date: Not reported
 SIC Code: Not reported
 Tier Permitting: Not reported
 AST Bill Code: Not reported
 CALARP Bill Code: Not reported

Actual:
27 ft.

N53
SW
1/4-1/2
0.281 mi.
1482 ft.

FORMER GASCO STATION #758
505 30TH STREET
SACRAMENTO, CA 95816
Site 1 of 2 in cluster N

LUST S106162803
N/A

Relative:
Higher

LUST REG 5:
 Region: 5
 Status: Preliminary site assessment workplan submitted
 Case Number: 341431
 Case Type: Other ground water affected
 Substance: GASOLINE
 Staff Initials: VJF
 Lead Agency: Local
 Program: LUST
 MTBE Code: N/A

Actual:
27 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

N54 **FORMER GASCO STATION #758**
SW **505 30TH ST**
1/4-1/2 **SACRAMENTO, CA**
0.281 mi.
1482 ft. **Site 2 of 2 in cluster N**

LUST **U001615322**
Sacramento Co. CS **N/A**
HIST UST
Sacramento Co. ML

Relative:
Higher

LUST:

Actual:
27 ft.

Region: STATE
 Global Id: T0606791262
 Latitude: 38.578563449
 Longitude: -121.464111043
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 09/21/2010
 Lead Agency: SACRAMENTO COUNTY LOP
 Case Worker: CLA
 Local Agency: SACRAMENTO COUNTY LOP
 RB Case Number: 341431
 LOC Case Number: G051
 File Location: Local Agency
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: FORMER SERVICE STATION IS NOW AN AUTO REPAIR/SMOG SHOP. PHASE II PROPERTY TRANSACTION INVESTIGATION FOUND SOIL CONTAMINATION. GROUNDWATER MONITROING WELLS CONFIRMED GROUNDWATER IMPACT. - Complaint: 21-JAN-04 - Site closed by SWRCB at petition hearing of September 21, 2010. The SWRCB closed this case on 9/27/2010. This case was resolved through the UST Program's Site Closure Petition Process.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0606791262
 Contact Type: Local Agency Caseworker
 Contact Name: CHRISTINE ABAD
 Organization Name: SACRAMENTO COUNTY LOP
 Address: 10590 Armstrong Avenue, Suite A
 City: MATHER
 Email: abadc@saccounty.net
 Phone Number: 9168769830

Global Id: T0606791262
 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: vfischer@waterboards.ca.gov
 Phone Number: Not reported

Regulatory Activities:

Global Id: T0606791262
 Action Type: ENFORCEMENT
 Date: 04/03/2007
 Action: File review

Global Id: T0606791262
 Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER GASCO STATION #758 (Continued)

U001615322

Date: 11/02/2007
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 12/21/2005
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 03/20/2006
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 11/21/2006
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 02/15/2008
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 08/02/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 03/13/2009
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 01/22/2004
Action: Staff Letter

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 09/13/2005
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 09/09/2005
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 12/16/2008
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 09/27/2010
Action: Closure/No Further Action Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER GASCO STATION #758 (Continued)

U001615322

Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	09/23/2010
Action:	Staff Letter
Global Id:	T0606791262
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	04/02/2007
Action:	* Verbal Communication
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	01/26/2005
Action:	File review
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	02/02/2005
Action:	File review
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	02/10/2004
Action:	Preparation of Record for Appeal/Referral/Petition
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	01/24/2005
Action:	File review
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	04/14/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	03/01/2004
Action:	File review
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	03/10/2004
Action:	* Verbal Communication
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	01/13/2005
Action:	File review
Global Id:	T0606791262
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER GASCO STATION #758 (Continued)

U001615322

Date: 08/16/2004
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 03/09/2004
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 06/23/2004
Action: Meeting

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 02/23/2005
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 12/11/2007
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 06/07/2004
Action: * Verbal Communication

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 05/29/2008
Action: File review

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 12/27/2007
Action: File review

Global Id: T0606791262
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0606791262
Action Type: RESPONSE
Date: 09/17/2010
Action: Correspondence

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 09/17/2010
Action: Preparation of Record for Appeal/Referral/Petition

Global Id: T0606791262
Action Type: ENFORCEMENT
Date: 09/21/2010
Action: Closure/No Further Action Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER GASCO STATION #758 (Continued)

U001615322

Global Id:	T0606791262
Action Type:	RESPONSE
Date:	02/25/2005
Action:	Soil and Water Investigation Workplan
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	12/22/2004
Action:	File review
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	07/06/2006
Action:	File review
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	01/21/2004
Action:	Notice of Responsibility
Global Id:	T0606791262
Action Type:	RESPONSE
Date:	03/05/2004
Action:	Soil and Water Investigation Workplan
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	10/27/2008
Action:	File review
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	10/06/2008
Action:	File review
Global Id:	T0606791262
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	07/11/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	09/29/2005
Action:	File review
Global Id:	T0606791262
Action Type:	ENFORCEMENT
Date:	08/31/2009
Action:	Petition Submitted for Review

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER GASCO STATION #758 (Continued)

U001615322

Sacramento Co. CS:

State Site Number: G051
Lead Staff: Abad, C.
Lead Agency: HM
Remedial Action Taken: NO
Substance: Not reported
Date Reported: Not reported
Facility Id: RO0001540
Case Type: Undefined
Case Closed: Not reported
Date Closed: Not reported

HIST UST:

Region: STATE
Facility ID: 00000009420
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: ARCHULETA, NEDDIE
Telephone: 9164481054
Owner Name: DESERT PETROLEUM, INC.
Owner Address: POST OFFICE BOX 1601
Owner City,St,Zip: OXNARD, CA 93032

Tank Num: 001
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00007500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: #2
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: #3
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: #4
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER GASCO STATION #758 (Continued)

U001615322

Type of Fuel: WASTE OIL
 Tank Construction: 1/4 inches
 Leak Detection: None

Sacramento Co. ML:

Facility Id: Not reported
 Facility Status: Not reported
 FD: Not reported
 Billing Codes BP: A
 Billing Codes UST: Not reported
 WG Bill Code: A
 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: Not reported
 UST Tank Test Date: Not reported
 SIC Code: Not reported
 Tier Permitting: Not reported
 AST Bill Code: Not reported
 CALARP Bill Code: Not reported

55
 WSW
 1/4-1/2
 0.310 mi.
 1639 ft.

CHEVRON SERVICE STATION #9-5632
2821 E ST
SACRAMENTO, CA

Sacramento Co. CS S109035052
N/A

Relative:
Higher

Sacramento Co. CS:
 State Site Number: F577
 Lead Staff: Langer, C.
 Lead Agency: HM
 Remedial Action Taken: NO
 Substance: Automotive(motor gasoline and additives)
 Date Reported: 08/01/2000
 Facility Id: RO0001450
 Case Type: Other ground water affected
 Case Closed: Not reported
Date Closed: Not reported

Actual:
26 ft.

56
 ESE
 1/4-1/2
 0.424 mi.
 2241 ft.

MCKINLEY GARDEN APARTMENTS
300 MEISTER WAY
SACRAMENTO, CA

LUST S110071370
Sacramento Co. CS N/A

Relative:
Higher

LUST:
 Region: STATE
 Global Id: T10000001659
 Latitude: 38.5784668111776
 Longitude: -121.446990966797

Actual:
26 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKINLEY GARDEN APARTMENTS (Continued)

S110071370

Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/20/2009
Lead Agency: SACRAMENTO COUNTY LOP
Case Worker: SJE
Local Agency: SACRAMENTO COUNTY LOP
RB Case Number: 341508
LOC Case Number: G116
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: A lender required that the owner of the McKinley Garden Apartments obtain a Phase I investigation prior to refinancing. The Phase I study determined that the site had been a service station sometime prior to 1973 when the apartments were constructed. The owners obtained a site plan of the former station from ConocoPhillips. Raney Geotechnical subsequently performed a Phase II investigation that included drilling and sampling at the locations of the dispensers, the gasoline tanks, and the waste oil tank. Drilling confirmed that all former tanks had been previously removed. Soil samples collected below the former waste oil tank contained up to 3,000 ppm TPH as motor oil (TPHmo), 1,700 ppm total lead, and 300 ppm TPH as diesel. No other waste-oil constituents, or gasoline, BTEX or MTBE was detected in any of the samples. Samples collected below the former tanks, dispensers and product lines contained no gasoline or diesel hydrocarbons. Two samples contained TPHmo at a maximum concentration of 87 ppm. On November 9, 2009, Delta Oilfield Services excavated thirteen cubic yards of contaminated soil below the area of the former waste-oil tank. Confirmation samples taken under the supervision of this Department revealed that most of the contamination was removed. No contaminants were found at the base of the excavation. One sidewall sample contained a low concentration of TPHmo (37 ppm) and each sample contained background levels of lead. Remaining concentrations of TPHmo do not pose a threat to groundwater quality below the site and do not pose a risk to human health. On November 19, 2009, the CVRWQCB provided concurrence with site closure. Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T10000001659
Contact Type: Local Agency Caseworker
Contact Name: SUE ERIKSON
Organization Name: SACRAMENTO COUNTY LOP
Address: 10590 Armstrong Avenue, Suite A
City: Mather
Email: eriksons@saccounty.net
Phone Number: 9168758433

Global Id: T10000001659
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: vfischer@waterboards.ca.gov
Phone Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCKINLEY GARDEN APARTMENTS (Continued)

S110071370

Regulatory Activities:

Global Id: T10000001659
Action Type: ENFORCEMENT
Date: 09/29/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T10000001659
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T10000001659
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T10000001659
Action Type: RESPONSE
Date: 11/19/2009
Action: Other Report / Document

Global Id: T10000001659
Action Type: ENFORCEMENT
Date: 11/17/2009
Action: Staff Letter

Global Id: T10000001659
Action Type: ENFORCEMENT
Date: 11/18/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T10000001659
Action Type: ENFORCEMENT
Date: 11/18/2009
Action: Notification - Fee Title Owners Notice

Global Id: T10000001659
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T10000001659
Action Type: ENFORCEMENT
Date: 11/20/2009
Action: Closure/No Further Action Letter

Global Id: T10000001659
Action Type: ENFORCEMENT
Date: 11/20/2009
Action: LOP Case Closure Summary to RB

Global Id: T10000001659
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MCKINLEY GARDEN APARTMENTS (Continued)

S110071370

Sacramento Co. CS:
 State Site Number: Not reported
 Lead Staff: Erikson, S.
 Lead Agency: Not reported
 Remedial Action Taken: NO
 Substance: Not reported
 Date Reported: Not reported
 Facility Id: RO0001666
 Case Type: Not reported
 Case Closed: Y
 Date Closed: 11/20/2009

57
West
1/4-1/2
0.434 mi.
2293 ft.

SCOLLAN (OLD SAC CITY)
24TH AND A STREETS
SACRAMENTO, CA

SWF/LF S102361862
N/A

Relative:
Higher

SWF/LF (SWIS):
 Region: STATE
 Facility ID: 34-CR-5005
 Lat/Long: 38.5833299 / -121.46666
 Owner Name: Scollon H
 Owner Telephone: Not reported
 Owner Address: Not reported
 Owner Address2: 3130 American River Drive
 Owner City,St,Zip: Sacramento, CA 95814
 Operational Status: Closed
 Operator: City Of Sacramento Waste Management
 Operator Phone: 9162647181
 Operator Address: Not reported
 Operator Address2: 921 Tenth St. Suite 500
 Operator City,St,Zip: Sacramento, CA 95814
 Permit Date: Not reported
 Permit Status: Not reported
 Permitted Acreage: 0
 Activity: Solid Waste Disposal Site
 Regulation Status: Pre-regulations
 Landuse Name: Residential,Commercial
 GIS Source: Map
 Category: Disposal
 Unit Number: 01
 Inspection Frequency: None
 Accepted Waste: Not reported
 Closure Date: Not reported
 Closure Type: Not reported
 Disposal Acreage: 0
 SWIS Num: 34-CR-5005
 Waste Discharge Requirement Num: Not reported
 Program Type: Not reported
 Permitted Throughput with Units: 0
 Actual Throughput with Units: Not reported
 Permitted Capacity with Units: 0
 Remaining Capacity: 0
 Remaining Capacity with Units: Not reported

Actual:
33 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

58
SW
1/4-1/2
0.466 mi.
2459 ft.

SHELL SERVICE STATION
730 29TH ST
SACRAMENTO, CA 95816

HIST CORTESE
LUST
Sacramento Co. CS
SWEEPS UST
Sacramento Co. ML

S103670644
N/A

Relative:
Higher

CORTESE:
Region: CORTESE
Facility County Code: 34
Reg By: LTNKA
Reg Id: 341210

Actual:
27 ft.

LUST:

Region: STATE
Global Id: T0606701035
Latitude: 38.5764214
Longitude: -121.4667196
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 11/15/2000
Lead Agency: SACRAMENTO COUNTY LOP
Case Worker: JJB
Local Agency: SACRAMENTO COUNTY LOP
RB Case Number: 341210
LOC Case Number: E512
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: See GeoTrack link for Site History

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0606701035
Contact Type: Local Agency Caseworker
Contact Name: JACK BELLAN
Organization Name: SACRAMENTO COUNTY LOP
Address: 8475 JACKSON RD, SUITE 240
City: SACRAMENTO
Email: bellanj@saccounty.net
Phone Number: Not reported

Global Id: T0606701035
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: vfischer@waterboards.ca.gov
Phone Number: Not reported

Regulatory Activities:

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 12/09/1998
Action: Notice of Responsibility

Global Id: T0606701035
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

S103670644

Date: 02/02/2007
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 03/01/2005
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 10/26/2007
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 04/01/2008
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 06/02/2006
Action: Meeting

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 03/19/2008
Action: * Verbal Communication

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 04/23/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 02/09/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 04/15/2009
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 02/25/2002
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 03/18/2004
Action: Meeting

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 05/16/2006
Action: File review

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

S103670644

Global Id:	T0606701035
Action Type:	ENFORCEMENT
Date:	05/25/2006
Action:	File review
Global Id:	T0606701035
Action Type:	ENFORCEMENT
Date:	11/04/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701035
Action Type:	ENFORCEMENT
Date:	01/19/2012
Action:	Staff Letter
Global Id:	T0606701035
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped
Global Id:	T0606701035
Action Type:	ENFORCEMENT
Date:	04/07/2000
Action:	Notification - Fee Title Owners Notice
Global Id:	T0606701035
Action Type:	ENFORCEMENT
Date:	02/08/1999
Action:	Notification - Proposition 65
Global Id:	T0606701035
Action Type:	ENFORCEMENT
Date:	08/22/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606701035
Action Type:	ENFORCEMENT
Date:	06/14/2004
Action:	File review
Global Id:	T0606701035
Action Type:	ENFORCEMENT
Date:	03/04/2004
Action:	File review
Global Id:	T0606701035
Action Type:	ENFORCEMENT
Date:	01/29/2008
Action:	File review
Global Id:	T0606701035
Action Type:	ENFORCEMENT
Date:	12/01/2006
Action:	File review
Global Id:	T0606701035
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

S103670644

Date: 06/20/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 08/01/2006
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 10/30/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701035
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 07/29/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 09/23/2008
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 03/18/2008
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 10/24/2008
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 06/28/2007
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 03/08/2004
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 04/24/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701035
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

S103670644

Global Id: T0606701035
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 10/12/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 05/31/2005
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 08/01/2007
Action: File review

Global Id: T0606701035
Action Type: ENFORCEMENT
Date: 09/23/2005
Action: File review

LUST REG 5:

Region: 5
Status: Preliminary site assessment underway
Case Number: 341210
Case Type: Other ground water affected
Substance: GASOLINE
Staff Initials: VJF
Lead Agency: Local
Program: LUST
MTBE Code: 3

Sacramento Co. CS:

State Site Number: E512
Lead Staff: Bellan, J.
Lead Agency: HM
Remedial Action Taken: NO
Substance: Automotive(motor gasoline and additives)
Date Reported: 11/30/1998
Facility Id: RO0001230
Case Type: Soil only
Case Closed: Not reported
Date Closed: Not reported

SWEEPS UST:

Status: Active
Comp Number: 6203
Number: 1
Board Of Equalization: 44-000074
Referral Date: 02-09-93
Action Date: 05-27-94

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

S103670644

Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 34-000-006203-000001
Actv Date: 06-18-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 5

Status: Active
Comp Number: 6203
Number: 1
Board Of Equalization: 44-000074
Referral Date: 02-09-93
Action Date: 05-27-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 34-000-006203-000002
Actv Date: 06-18-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 6203
Number: 1
Board Of Equalization: 44-000074
Referral Date: 02-09-93
Action Date: 05-27-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 34-000-006203-000003
Actv Date: 06-18-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 6203
Number: 1
Board Of Equalization: 44-000074
Referral Date: 02-09-93
Action Date: 05-27-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 34-000-006203-000004
Actv Date: 06-18-92
Capacity: 550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

S103670644

Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 6203
Number: 1
Board Of Equalization: 44-000074
Referral Date: 02-09-93
Action Date: 05-27-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: UNKNOWN
Swrcb Tank Id: 34-000-006203-000005
Actv Date: 02-09-93
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: METHANOL
Number Of Tanks: Not reported

Sacramento Co. ML:

Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: A
Billing Codes UST: A
WG Bill Code: A
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: 4
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

S103670644

UST Permit Dt: Not reported
UST Inspection Date: Not reported
UST Tank Test Date: Not reported
Number of Tanks: 1
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

O59
West
1/4-1/2
0.478 mi.
2522 ft.

BLAIR LEASING COMPANY
206 24TH STREET
SACRAMENTO, CA 95816
Site 1 of 2 in cluster O

LUST S105736192
N/A

Relative:
Higher

LUST REG 5:
Region: 5
Status: Case Closed
Case Number: 340023
Case Type: Soil only
Substance: DIESEL
Staff Initials: VJF
Lead Agency: Local
Program: LUST
MTBE Code: N/A

Actual:
27 ft.

O60
West
1/4-1/2
0.478 mi.
2522 ft.

BLAIR LEASING
206 24TH ST
SACRAMENTO, CA
Site 2 of 2 in cluster O

LUST S103706590
Sacramento Co. CS
Sacramento Co. ML
N/A

Relative:
Higher

LUST:
Region: STATE
Global Id: T0606713899
Latitude: 38.583748
Longitude: -121.471249
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/27/2002
Lead Agency: SACRAMENTO COUNTY LOP
Case Worker: RJL
Local Agency: Not reported
RB Case Number: 340023
LOC Case Number: G016
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

Actual:
27 ft.

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0606713899
Contact Type: Regional Board Caseworker
Contact Name: VERA FISCHER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BLAIR LEASING (Continued)

S103706590

Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: vfischer@waterboards.ca.gov
Phone Number: Not reported

Regulatory Activities:

Global Id: T0606713899
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0606713899
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0606713899
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0606713899
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0606713899
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Sacramento Co. CS:

State Site Number: G016
Lead Staff: Leibold, R.
Lead Agency: Not reported
Remedial Action Taken: NO
Substance: Not reported
Date Reported: Not reported
Facility Id: RO0001505
Case Type: Soil only
Case Closed: Y
Date Closed: 12/27/2002

Sacramento Co. ML:

Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: I
Billing Codes UST: Not reported
WG Bill Code: Not reported
Target Property Bill Cod: Not reported
Food Bill Code: Not reported
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BLAIR LEASING (Continued)

S103706590

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: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

61
South
1/2-1
0.659 mi.
3478 ft.

FUTURE SACRED HEART SCHOOL
39TH STREET AND H STREET
SACRAMENTO, CA 95816

VCP S109348563
ENVIROSTOR N/A

Relative:
Higher

VCP:

Actual:
33 ft.

Facility ID: 60000964
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Neal Hutchison
Supervisor: Juan Koponen
Division Branch: Northern California Schools & Santa Susana
Site Code: 104645
Assembly: 07
Senate: 06
Special Programs Code: Not reported
Status: No Further Action
Status Date: 02/17/2011
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 38.5718 / -121.4548
APN: 008-0032-047-0000
Past Use: RESIDENTIAL AREA
Potential COC: , 30004, 30013, 30207
Confirmed COC: 30004-NO,30013-NO,31000,30207-NO
Potential Description: NMA
Alias Name: 008-0032-047-0000
Alias Type: APN
Alias Name: 104645
Alias Type: Project Code (Site Code)
Alias Name: 60000964
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 12/29/2008
Comments: Proponent sent a PDF copy of the signature page on 12/24/08. DTSC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FUTURE SACRED HEART SCHOOL (Continued)

S109348563

Performance Manager signed on 12/29/08.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/19/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 10/09/2008
Comments: Public meeting held at Sacred Heart ES site to discuss self directed removal action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/10/2011
Comments: UC signed certification package.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 09/08/2008
Comments: Tech Memo Workplan approved for implementation. Verbal approval given, no formal approval letter was prepared.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 09/17/2008
Comments: PM reviewed proposed step-out sampling plan and approved plan for implementation on 9/18/08. No formal approval letter was prepared.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/21/2011
Comments: DTSC has approved the Final RACR and no further removal actions are required for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 09/02/2008
Comments: Catholic Healthcare West submitted a completed EAO Application.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Newsletter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FUTURE SACRED HEART SCHOOL (Continued)

S109348563

Completed Date: 09/30/2008
Comments: CHW sent final letter to community.

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

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Neal Hutchison
Supervisor: Juan Koponen
Division Branch: Northern California Schools & Santa Susana
Facility ID: 60000964
Site Code: 104645
Assembly: 07
Senate: 06
Special Program: Not reported
Status: No Further Action
Status Date: 02/17/2011
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Responsible Party
Latitude: 38.5718
Longitude: -121.4548
APN: 008-0032-047-0000
Past Use: RESIDENTIAL AREA
Potential COC: , 30004, 30013, 30207
Confirmed COC: 30004-NO,30013-NO,31000,30207-NO
Potential Description: NMA
Alias Name: 008-0032-047-0000
Alias Type: APN
Alias Name: 104645
Alias Type: Project Code (Site Code)
Alias Name: 60000964
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 12/29/2008
Comments: Proponent sent a PDF copy of the signature page on 12/24/08. DTSC Performance Manager signed on 12/29/08.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FUTURE SACRED HEART SCHOOL (Continued)

S109348563

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 04/19/2011

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Consultation

Completed Date: 10/09/2008

Comments: Public meeting held at Sacred Heart ES site to discuss self directed removal action.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Certification

Completed Date: 02/10/2011

Comments: UC signed certification package.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Correspondence

Completed Date: 02/28/2011

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Workplan

Completed Date: 09/08/2008

Comments: Tech Memo Workplan approved for implementation. Verbal approval given, no formal approval letter was prepared.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Supplemental Site Investigation Tech Memo

Completed Date: 09/17/2008

Comments: PM reviewed proposed step-out sampling plan and approved plan for implementation on 9/18/08. No formal approval letter was prepared.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Completion Report

Completed Date: 01/21/2011

Comments: DTSC has approved the Final RACR and no further removal actions are required for the site.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Application

Completed Date: 09/02/2008

Comments: Catholic Healthcare West submitted a completed EAO Application.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Newsletter

Completed Date: 09/30/2008

Comments: CHW sent final letter to community.

Future Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FUTURE SACRED HEART SCHOOL (Continued)

S109348563

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

**62
SW
1/2-1
0.662 mi.
3495 ft.**

**ALHAMBRA DRY CLEANERS
1000 ALHAMBRA BLVD
SACRAMENTO, CA 95816**

**RCRA-SQG 1000118203
FINDS CAD981669781
SLIC
DRYCLEANERS
Sacramento Co. ML
ENVIROSTOR**

**Relative:
Higher**

RCRA-SQG:

**Actual:
26 ft.**

Date form received by agency: 09/01/1996
Facility name: ONE HOUR MARTINIZING
Facility address: 1000 ALHAMBRA BLVD
SACRAMENTO, CA 95816
EPA ID: CAD981669781
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: DEL & AL DANIEL
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALHAMBRA DRY CLEANERS (Continued)

1000118203

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 11/20/1986
Facility name: ONE HOUR MARTINIZING
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110012429568

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

SLIC:

Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 01/24/2001
Global Id: SL0606752168
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number: Not reported
Latitude: 38.572834034

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALHAMBRA DRY CLEANERS (Continued)

1000118203

Longitude: -121.46522875
Case Type: Cleanup Program Site
Case Worker: KLD
Local Agency: Not reported
RB Case Number: SLT5S788
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
Site History: This former dry cleaner is the presumed source of detections of PCE in groundwater at adjacent sites on Alhambra Ave. and 30th Street in Sacramento. 13267 Order requested a technical report on the extent of PCE in soil vapors. The dry cleaner business closed in June 2008.

[Click here to access the California GeoTracker records for this facility:](#)

DRYCLEANERS:

EPA Id: CAD981669781
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 04/10/1987
Facility Active: No
Inactive Date: 06/30/2010
Facility Addr2: Not reported
Owner Name: A.L. DANIEL
Owner Address: 1000 ALHAMBRA BLVD
Owner Address 2: Not reported
Owner Telephone: 9164431112
Contact Name: A L DANIEL-PRESIDENT
Contact Address: 1000 ALHAMBRA BLVD
Contact Address 2: Not reported
Contact Telephone: 9164431112

Sacramento Co. ML:

Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: I
Billing Codes UST: Not reported
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: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALHAMBRA DRY CLEANERS (Continued)

1000118203

ENVIROSTOR:

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: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Facility ID: 34720049
Site Code: Not reported
Assembly: 07
Senate: 06
Special Program: Not reported
Status: Refer: Other Agency
Status Date: 11/16/1994
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.5725
Longitude: -121.465
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 34720049
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
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

63
WSW
1/2-1
0.779 mi.
4114 ft.

**FORMER RED FEATHER DRY CLEANERS
2500 J STREET
SACRAMENTO, CA**

**SLIC S100189431
ENVIROSTOR N/A**

**Relative:
Higher**

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: 11/06/2004
Global Id: SL0606789259

**Actual:
23 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER RED FEATHER DRY CLEANERS (Continued)

S100189431

Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number: Not reported
Latitude: 38.574523
Longitude: -121.473085
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Stoddard solvent / Mineral Spruits / Distillates
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

SLIC REG 5:

Region: 5
Facility Status: Phase One Remedial Investigation
Unit: Facility is a Spill or site
Pollutant: PCE, TPH-ss
Lead Agency: Not reported
Date Filed: 04/15/04
Report Date: 04/05/04
Date Added: 10/6/2004
Date Closed: Not reported

ENVIROSTOR:

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: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Facility ID: 34720060
Site Code: Not reported
Assembly: 07
Senate: 06
Special Program: Not reported
Status: Refer: Other Agency
Status Date: 11/16/1994
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.57452
Longitude: -121.4730
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: SACRAMENTO CLINICAL LABS
Alias Type: Alternate Name

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER RED FEATHER DRY CLEANERS (Continued)

S100189431

Alias Name: SWIFT CLEANERS (INACTIVE #324)
Alias Type: Alternate Name
Alias Name: 34720060
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/26/1981
Comments: FACILITY IDENTIFIED INACTIVE LIST #238. FACILITY DRIVE-BY NOW
SACRAMENTO CLINICAL LABS. RATIONALE FOR NO FURTHER ACTION: NO
PROBLEM BASED ON DRIVE BY.

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

64
WSW
1/2-1
0.914 mi.
4828 ft.

WOODWARD CLEANERS AND DRYER
2201 J STREET
SACRAMENTO, CA 95816

Sacramento Co. ML S103707595
ENVIROSTOR N/A

Relative:
Higher

Sacramento Co. ML:
Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: A
Billing Codes UST: Not reported
WG Bill Code: A
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: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

Actual:
22 ft.

ENVIROSTOR:

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODWARD CLEANERS AND DRYER (Continued)

S103707595

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Facility ID: 34720124
Site Code: Not reported
Assembly: 07
Senate: 06
Special Program: Not reported
Status: Refer: Other Agency
Status Date: 11/16/1994
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.57624
Longitude: -121.4768
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 34720124
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
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

65
SSW
1/2-1
0.967 mi.
5106 ft.

MERLINO'S
3200 FOLSOM BLVD
SACRAMENTO, CA

LUST
Sacramento Co. CS
ENVIROSTOR

S100189443
N/A

Relative:
Higher

LUST:

Region: STATE
Global Id: T0606762944
Latitude: 38.567962
Longitude: -121.464856
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/14/2011
Lead Agency: SACRAMENTO COUNTY LOP
Case Worker: JJB

Actual:
27 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERLINO'S (Continued)

S100189443

Local Agency: SACRAMENTO COUNTY LOP
RB Case Number: 341450
LOC Case Number: G064
File Location: Local Agency
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: See GeoTrack link for Site History

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0606762944
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: vfischer@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606762944
Contact Type: Local Agency Caseworker
Contact Name: JACK BELLAN
Organization Name: SACRAMENTO COUNTY LOP
Address: 8475 JACKSON RD, SUITE 240
City: SACRAMENTO
Email: bellanj@saccounty.net
Phone Number: Not reported

Regulatory Activities:

Global Id: T0606762944
Action Type: ENFORCEMENT
Date: 12/08/2004
Action: File review

Global Id: T0606762944
Action Type: ENFORCEMENT
Date: 12/30/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606762944
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0606762944
Action Type: ENFORCEMENT
Date: 11/09/2004
Action: File review

Global Id: T0606762944
Action Type: ENFORCEMENT
Date: 02/27/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606762944
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERLINO'S (Continued)

S100189443

Date: 04/08/2010
Action: Meeting

Global Id: T0606762944
Action Type: ENFORCEMENT
Date: 01/26/2011
Action: Staff Letter

Global Id: T0606762944
Action Type: ENFORCEMENT
Date: 11/14/2011
Action: Closure/No Further Action Letter

Global Id: T0606762944
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0606762944
Action Type: ENFORCEMENT
Date: 08/17/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606762944
Action Type: ENFORCEMENT
Date: 06/17/2004
Action: File review

Global Id: T0606762944
Action Type: ENFORCEMENT
Date: 06/18/2004
Action: File review

Global Id: T0606762944
Action Type: ENFORCEMENT
Date: 06/30/2004
Action: File review

Global Id: T0606762944
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Sacramento Co. CS:

State Site Number: G064
Lead Staff: Bellan, J.
Lead Agency: HM
Remedial Action Taken: NO
Substance: Not reported
Date Reported: Not reported
Facility Id: RO0001560
Case Type: Undefined
Case Closed: Not reported
Date Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERLINO'S (Continued)

S100189443

ENVIROSTOR:

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: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Facility ID: 34720080
Site Code: Not reported
Assembly: 07
Senate: 06
Special Program: Not reported
Status: Refer: Other Agency
Status Date: 11/16/1994
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.56777
Longitude: -121.4647
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: HARRISON CYCLERY
Alias Type: Alternate Name
Alias Name: 34720080
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/28/1981
Comments: FACILITY IDENTIFIED INACTIVE SITE LIST #241. FACILITY DRIVE-BY NO EVIDENCE OF WASTE. SITE PRESENTLY HARRISON CYCLREY. RATIONALE FOR NO FURTHER ACTION (NFA): NO PROBLEM BASED ON DRIVE BY.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

66
SSW
1/2-1
0.993 mi.
5243 ft.

ARROW CURTAIN AND DRAPERY CLEANERS
3301 FOLSOM BOULEVARD
SACRAMENTO, CA 95816

ENVIROSTOR S102860933
N/A

Relative:
Higher

Actual:
27 ft.

ENVIROSTOR:
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: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Facility ID: 34270017
Site Code: Not reported
Assembly: 07
Senate: 06
Special Program: Not reported
Status: Refer: Other Agency
Status Date: 11/16/1994
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 38.56722
Longitude: -121.4638
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 34270017
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
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: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SACRAMENTO	1000297900	FORMER CITY LANDFILL	NORTH OF WEST 28TH AND NORTH B	95816	ENVIROSTOR
SACRAMENTO	1003878591	DEPARTMENT OF FISH AND GAME	1001 JED SMITH DR	95819	CERCLIS-NFRAP
SACRAMENTO	1003878696	FORMER CITY LDFL	NW OF 28TH & N B STS	95816	CERCLIS-NFRAP
SACRAMENTO	1006840703	SACRAMENTO CITY LANDFILL	28TH AND	95816	FINDS
SACRAMENTO	1014677118	SACRAMENTO CITY LANDFILL	28TH AND A STREETS	00000	FINDS
SACRAMENTO	2005706409	4200 W CAPITAL	4200 W CAPITAL		HMIRS
SACRAMENTO	2010962741		AIRPORT CITY CODE: SMF		ERNS
SACRAMENTO	A100323436	CITY OF FOLSOM CORP YEARD	1300 LEIDESDORFF ST		AST
SACRAMENTO	A100324798	RIVERSIDE ELEVATORS	14715 HIGHWAY 160		AST
SACRAMENTO	S101628288	CITY OF SACRAMENTO WASTE REMOV	028TH & A ST	95816	FID,SWEEPS UST
SACRAMENTO	S105268013	COMMERCIAL PROPERTY SERV.	2518 B ST	95816	ML SACRAMENTO
SACRAMENTO	S106230370	SACRAMENTO-YOLO MOSQUITO & VECTOR	EL CAMINO AVE & BUISNESS HIGHW		SLIC
SACRAMENTO	S106486535	SACRAMENTO-YOLO MOSQUITO & VECTOR	EL CAMINO AVENUE & HIGHWAY BUS		SLIC
SACRAMENTO	S106599808	CALTRANS	FRUITRIDGE RD/HWY 99		CS SACRAMENTO
SACRAMENTO	S106717911	CALTRANS NORTHGATE MAINT. STATION	NORTHGATE BLVD & HWY 80	94203	SLIC
SACRAMENTO	S107769656	CITY OF SACTO - SUTTER'S LANDING	20 28TH ST/A ST	95816	ML SACRAMENTO
SACRAMENTO	S108195678	MADSON PLASTERING	1560 JULIESSE AVE STE C&D	95815	ML SACRAMENTO
SACRAMENTO	S111711823	RC TOWING	1416 SILICA AVE STE A & B	95815	ML SACRAMENTO
SACRAMENTO	S112845159	1X CITY OF SACRAMENTO	WEST END OF A ST	00000	HAZNET
SACRAMENTO	S113408485	LES A & A AUTOMOTIVE	1560 JULIESSE AVE STE A&B	95815	ML SACRAMENTO

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

Federal NPL site list

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: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	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 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

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: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

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: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/04/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Quarterly

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: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 04/10/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 02/05/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

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: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/20/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/02/2013
	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: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 04/02/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

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: 03/13/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/14/2013	Telephone: 916-323-3400
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 05/07/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/19/2013
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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: 03/13/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/14/2013	Telephone: 916-323-3400
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 05/07/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/19/2013
	Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/18/2013	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 02/18/2013	Telephone: 916-341-6320
Date Made Active in Reports: 03/20/2013	Last EDR Contact: 05/21/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/02/2013
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

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	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	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	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	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	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	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	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

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	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 03/18/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/19/2013	Telephone: see region list
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 05/02/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/01/2013
	Data Release Frequency: Quarterly

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	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

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: 03/18/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/19/2013	Telephone: 866-480-1028
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 05/02/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/01/2013
	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	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	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	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Varies

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: Semi-Annually

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: Semi-Annually

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: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

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: 09/28/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 162

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/01/2013
Next Scheduled EDR Contact: 08/12/2013
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: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
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: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Semi-Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/18/2013	Source: SWRCB
Date Data Arrived at EDR: 03/19/2013	Telephone: 916-341-5851
Date Made Active in Reports: 04/18/2013	Last EDR Contact: 05/02/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/01/2013
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 04/08/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

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: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

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: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/12/2013
	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: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 04/29/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Semi-Annually

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: 08/02/2012	Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012	Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 08/12/2013
	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: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-9424
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Semi-Annually

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: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 11/07/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 156	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/18/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	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: 03/13/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/14/2013	Telephone: 916-323-3400
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 05/07/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/19/2013
	Data Release Frequency: Quarterly

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: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 10/02/2012	Telephone: 617-918-1102
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/05/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Varies

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: 12/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/11/2012	Telephone: 202-566-2777
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 03/26/2013
Number of Days to Update: 9	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: No Update Planned

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: 05/10/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/19/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 04/26/2013
Date Made Active in Reports: 05/16/2013
Number of Days to Update: 20

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/20/2013
Next Scheduled EDR Contact: 09/02/2013
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: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/12/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 59

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Quarterly

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: 03/13/2013
Date Data Arrived at EDR: 03/14/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/07/2013
Next Scheduled EDR Contact: 08/19/2013
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

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: 12/31/2012
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/14/2013
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Registered Storage Tanks

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	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 03/04/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/17/2013
	Data Release Frequency: Annually

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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Local Land Records

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: 02/06/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/25/2013	Telephone: 202-564-6023
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/15/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/15/2013	Telephone: 916-323-3400
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/11/2013
Date Data Arrived at EDR: 03/12/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2013
Next Scheduled EDR Contact: 06/24/2013
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: 12/31/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

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: 12/06/2012
Date Data Arrived at EDR: 01/29/2013
Date Made Active in Reports: 03/19/2013
Number of Days to Update: 49

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 05/01/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/12/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/15/2013	Telephone: (415) 495-8895
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 05/02/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 05/07/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/19/2013
	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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/19/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Semi-Annually

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: 12/31/2011	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/26/2013	Telephone: 202-528-4285
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

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: 12/18/2012
Date Data Arrived at EDR: 03/13/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/13/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Annually

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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

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: 02/05/2013
Date Data Arrived at EDR: 04/18/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Annually

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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2013
Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Quarterly

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: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
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

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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/15/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/29/2013
	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: 11/01/2012	Source: EPA
Date Data Arrived at EDR: 01/16/2013	Telephone: 202-566-0500
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/19/2013
Number of Days to Update: 114	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Annually

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: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/11/2013
Number of Days to Update: 60	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Quarterly

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: 04/09/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/11/2013	Telephone: 202-343-9775
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/11/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

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: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (415) 947-8000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/12/2013
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
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: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/26/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Biennially

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

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/18/2013
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 03/20/2013
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/21/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 03/05/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/19/2013
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/01/2013	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 04/02/2013	Telephone: 916-323-3400
Date Made Active in Reports: 05/14/2013	Last EDR Contact: 04/02/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/15/2013
	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 [CAL SITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 03/25/2013
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: No Update Planned

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: 12/11/2012	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 12/12/2012	Telephone: 916-327-4498
Date Made Active in Reports: 01/04/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/24/2012
	Data Release Frequency: Annually

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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 04/01/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/15/2013
	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: 04/26/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/29/2013	Telephone: 916-445-9379
Date Made Active in Reports: 05/16/2013	Last EDR Contact: 04/26/2013
Number of Days to Update: 17	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 12/31/2011	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 06/22/2012	Telephone: 916-255-1136
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 04/19/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008	Source: California Air Resources Board
Date Data Arrived at EDR: 09/29/2010	Telephone: 916-322-2990
Date Made Active in Reports: 10/18/2010	Last EDR Contact: 03/29/2013
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Varies

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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/19/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Semi-Annually

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: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/06/2013
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/05/2013
	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: 03/04/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/15/2013	Telephone: 202-566-1917
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 05/20/2013
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/02/2013
	Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/03/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/19/2013
Next Scheduled EDR Contact: 07/01/2013
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: 03/06/2013
Date Data Arrived at EDR: 03/12/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 13

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/18/2013
Next Scheduled EDR Contact: 07/29/2013
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: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/15/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

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: 04/15/2013
Date Data Arrived at EDR: 04/16/2013
Date Made Active in Reports: 05/17/2013
Number of Days to Update: 31

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/16/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/25/2013
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Quarterly

Financial 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2013
Date Data Arrived at EDR: 02/20/2013
Date Made Active in Reports: 03/20/2013
Number of Days to Update: 28

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/20/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
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 1931 and 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

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: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/17/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered 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: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012	Source: EPA
Date Data Arrived at EDR: 01/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/04/2013
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 02/25/2013
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Quarterly

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: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/01/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/01/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

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: 12/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2013	Telephone: 617-520-3000
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 05/10/2013
Number of Days to Update: 81	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 US Hist Auto Stat: EDR Exclusive Historic Gas 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 US Hist Cleaners: EDR Exclusive Historic Dry 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 US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

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: 04/15/2013
Date Data Arrived at EDR: 04/16/2013
Date Made Active in Reports: 05/16/2013
Number of Days to Update: 30

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 04/16/2013
Date Made Active in Reports: 05/16/2013
Number of Days to Update: 30

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/13/2013
Date Data Arrived at EDR: 03/14/2013
Date Made Active in Reports: 04/04/2013
Number of Days to Update: 21

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/16/2012
Date Data Arrived at EDR: 10/17/2012
Date Made Active in Reports: 11/13/2012
Number of Days to Update: 27

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/26/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 04/16/2013
Date Data Arrived at EDR: 04/17/2013
Date Made Active in Reports: 05/16/2013
Number of Days to Update: 29

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 04/15/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

COLUSA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 01/04/2013
Date Data Arrived at EDR: 01/14/2013
Date Made Active in Reports: 03/01/2013
Number of Days to Update: 46

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/13/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 04/09/2013
Date Data Arrived at EDR: 04/10/2013
Date Made Active in Reports: 05/14/2013
Number of Days to Update: 34

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List

Cupa Facility list

Date of Government Version: 01/09/2013
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 02/25/2013
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 02/27/2013
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 25

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

FRESNO COUNTY:

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: 03/31/2013
Date Data Arrived at EDR: 04/16/2013
Date Made Active in Reports: 05/16/2013
Number of Days to Update: 30

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/15/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/15/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 40

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/26/2012
Date Data Arrived at EDR: 06/27/2012
Date Made Active in Reports: 08/17/2012
Number of Days to Update: 51

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/10/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Quarterly

KINGS COUNTY:

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: 02/12/2013
Date Data Arrived at EDR: 02/13/2013
Date Made Active in Reports: 03/21/2013
Number of Days to Update: 36

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/12/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

LAKE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/25/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 33

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 05/10/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2012
Date Data Arrived at EDR: 12/28/2012
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 28

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/15/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/24/2013
Date Data Arrived at EDR: 04/24/2013
Date Made Active in Reports: 05/17/2013
Number of Days to Update: 23

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/24/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 05/20/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/30/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 32

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 04/29/2013
Date Made Active in Reports: 05/17/2013
Number of Days to Update: 18

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/26/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 04/16/2013
Date Made Active in Reports: 05/17/2013
Number of Days to Update: 31

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/15/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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: 04/15/2013
Date Data Arrived at EDR: 04/16/2013
Date Made Active in Reports: 05/17/2013
Number of Days to Update: 31

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/26/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/21/2013
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 02/25/2013
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 27

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

MONO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA Facility List

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/08/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 17

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/14/2013
Date Data Arrived at EDR: 03/15/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 12

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/08/2013
Date Data Arrived at EDR: 03/08/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 17

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/17/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/04/2013
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/20/2013
Number of Days to Update: 22

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/10/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/04/2013
Date Data Arrived at EDR: 02/19/2013
Date Made Active in Reports: 03/20/2013
Number of Days to Update: 29

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/10/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/04/2013
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/10/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/12/2013
Date Data Arrived at EDR: 03/13/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 14

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/23/2013
Date Data Arrived at EDR: 04/24/2013
Date Made Active in Reports: 05/17/2013
Number of Days to Update: 23

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/25/2013
Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/23/2013
Date Data Arrived at EDR: 04/24/2013
Date Made Active in Reports: 05/16/2013
Number of Days to Update: 22

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/25/2013
Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/04/2013
Date Data Arrived at EDR: 04/11/2013
Date Made Active in Reports: 05/14/2013
Number of Days to Update: 33

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

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: 02/04/2013
Date Data Arrived at EDR: 04/12/2013
Date Made Active in Reports: 05/16/2013
Number of Days to Update: 34

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

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: 03/04/2013
Date Data Arrived at EDR: 03/05/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 20

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/13/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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: 08/17/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 44

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/26/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 06/15/2010	Telephone: 619-338-2371
Date Made Active in Reports: 07/09/2010	Last EDR Contact: 03/12/2013
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 05/10/2013
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010	Source: Department of Public Health
Date Data Arrived at EDR: 03/10/2011	Telephone: 415-252-3920
Date Made Active in Reports: 03/15/2011	Last EDR Contact: 05/10/2013
Number of Days to Update: 5	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/25/2013	Source: Environmental Health Department
Date Data Arrived at EDR: 03/25/2013	Telephone: N/A
Date Made Active in Reports: 04/18/2013	Last EDR Contact: 03/25/2013
Number of Days to Update: 24	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 02/26/2013	Source: San Luis Obispo County Public Health Department
Date Data Arrived at EDR: 02/26/2013	Telephone: 805-781-5596
Date Made Active in Reports: 03/25/2013	Last EDR Contact: 02/25/2013
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/09/2013
Date Data Arrived at EDR: 04/10/2013
Date Made Active in Reports: 05/14/2013
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/18/2013
Date Data Arrived at EDR: 03/19/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 8

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

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: 05/20/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/05/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Varies

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

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/06/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 19

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/04/2013
Next Scheduled EDR Contact: 06/17/2013
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 03/20/2013
Number of Days to Update: 34

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/13/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 02/26/2013
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/20/2013
Number of Days to Update: 22

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 03/15/2013
Date Data Arrived at EDR: 03/15/2013
Date Made Active in Reports: 03/27/2013
Number of Days to Update: 12

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/20/2013
Date Data Arrived at EDR: 03/28/2013
Date Made Active in Reports: 05/14/2013
Number of Days to Update: 47

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/20/2013
Date Data Arrived at EDR: 03/28/2013
Date Made Active in Reports: 05/13/2013
Number of Days to Update: 46

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 04/01/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/14/2013
Number of Days to Update: 41

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/02/2013	Source: Department of Health Services
Date Data Arrived at EDR: 04/03/2013	Telephone: 707-565-6565
Date Made Active in Reports: 05/14/2013	Last EDR Contact: 04/01/2013
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/13/2013	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 03/14/2013	Telephone: 530-822-7500
Date Made Active in Reports: 03/27/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/14/2013	Source: Division of Environmental Health
Date Data Arrived at EDR: 01/16/2013	Telephone: 209-533-5633
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 05/15/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Varies

VENTURA COUNTY:

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: 03/30/2012	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 05/25/2012	Telephone: 805-654-2813
Date Made Active in Reports: 07/06/2012	Last EDR Contact: 05/20/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/02/2013
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 04/08/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 02/18/2013
Number of Days to Update: 37	Next Scheduled EDR Contact: 06/03/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/28/2013	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 02/01/2013	Telephone: 805-654-2813
Date Made Active in Reports: 03/20/2013	Last EDR Contact: 01/29/2013
Number of Days to Update: 47	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/01/2013	Source: Environmental Health Division
Date Data Arrived at EDR: 03/28/2013	Telephone: 805-654-2813
Date Made Active in Reports: 05/13/2013	Last EDR Contact: 03/18/2013
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/01/2013
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/25/2013	Source: Yolo County Department of Health
Date Data Arrived at EDR: 03/29/2013	Telephone: 530-666-8646
Date Made Active in Reports: 05/13/2013	Last EDR Contact: 03/25/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 03/05/2013	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 03/06/2013	Telephone: 530-749-7523
Date Made Active in Reports: 03/25/2013	Last EDR Contact: 05/20/2013
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/19/2013
	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: 02/18/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/18/2013	Telephone: 860-424-3375
Date Made Active in Reports: 03/21/2013	Last EDR Contact: 05/21/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/02/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
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: 02/01/2013
Date Data Arrived at EDR: 02/07/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/09/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/23/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 06/10/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CAPITAL CITY FREEWAY
CAPITAL CITY FREEWAY
SACRAMENTO, CA 95816

TARGET PROPERTY COORDINATES

Latitude (North):	38.5829 - 38° 34' 58.44"
Longitude (West):	121.4562 - 121° 27' 22.32"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	634468.7
UTM Y (Meters):	4271415.0
Elevation:	20 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38121-E4 SACRAMENTO EAST, CA
Most Recent Revision:	1980

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 principal 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).

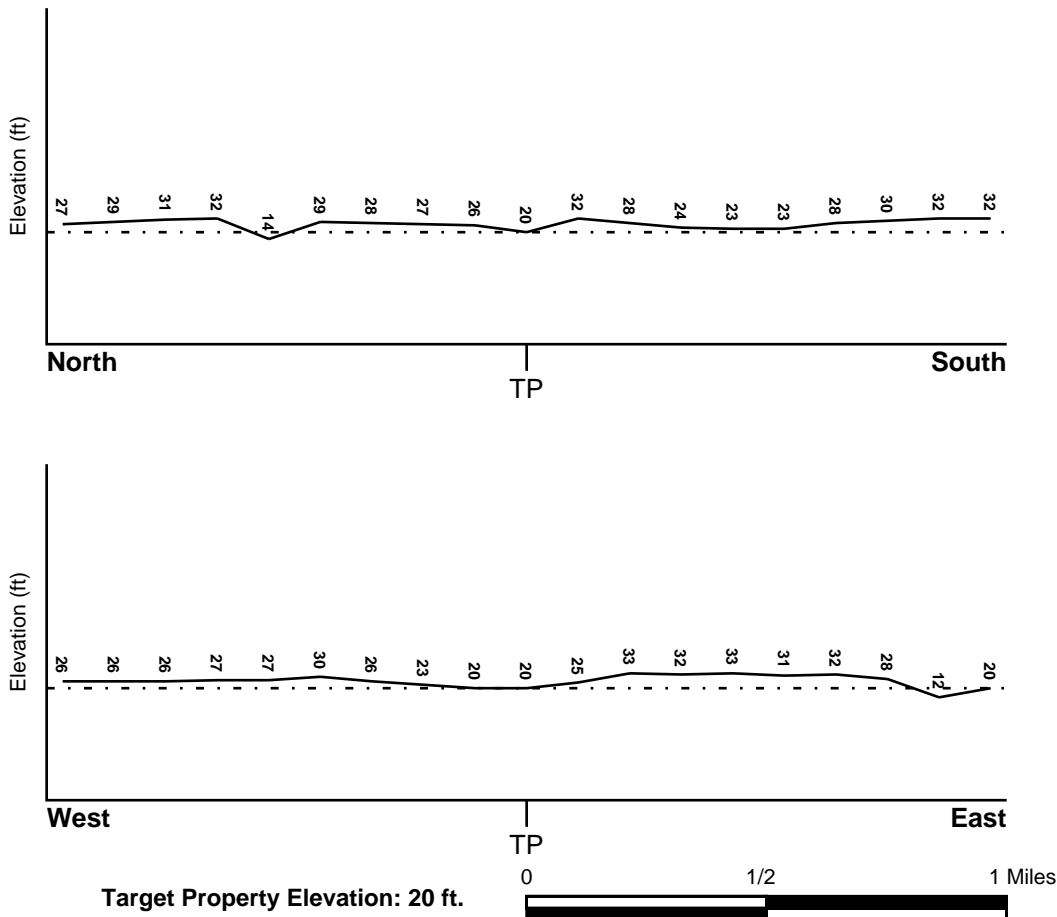
TOPOGRAPHIC INFORMATION

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 West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

Target Property County
SACRAMENTO, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0602660010E - FEMA Q3 Flood data

Additional Panels in search area: 0602660025E - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
SACRAMENTO EAST

NWI Electronic
Data Coverage
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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
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

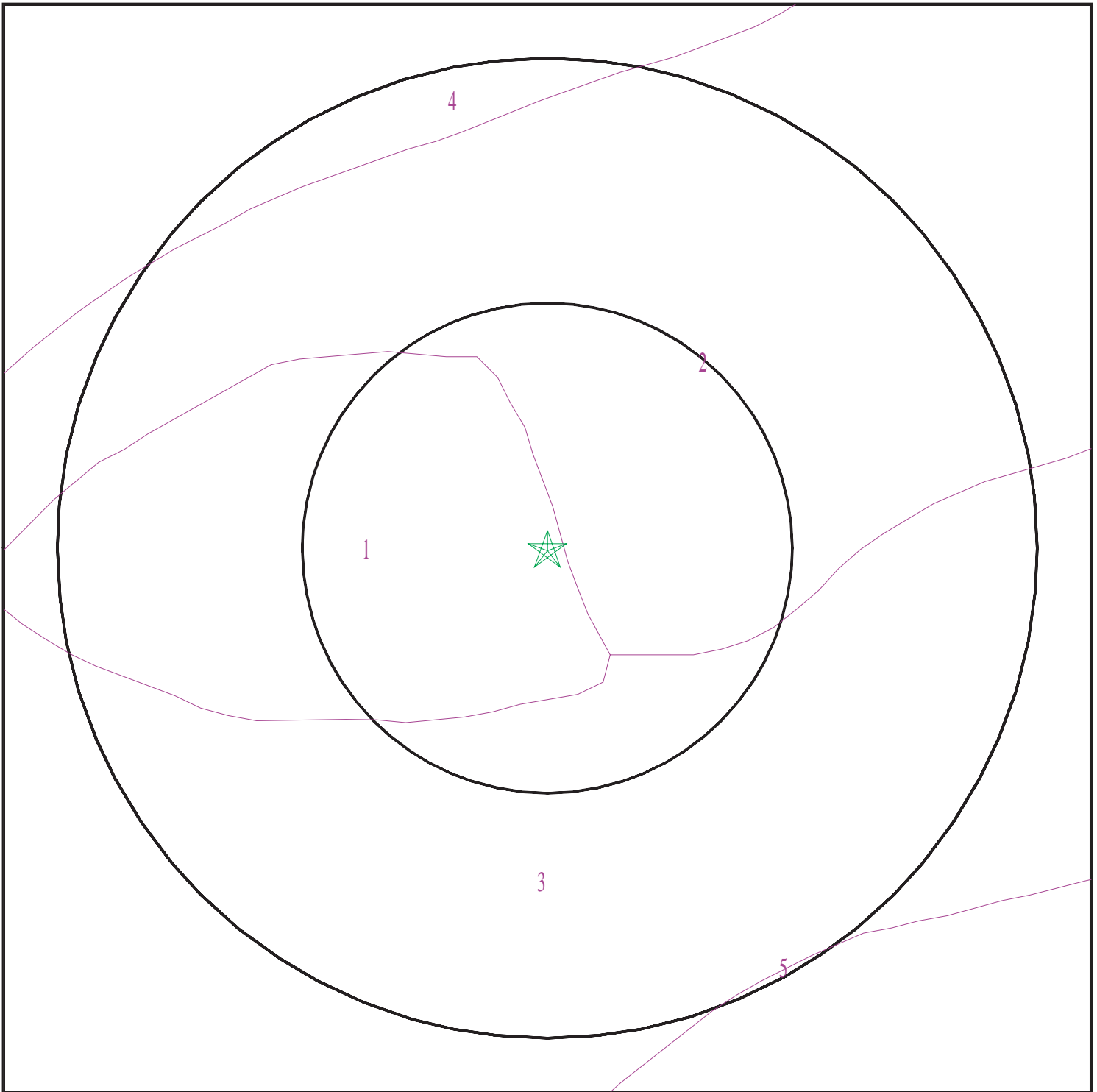
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

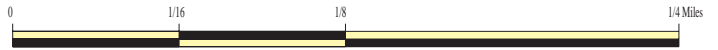
Category: Stratified Sequence

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 - 3615440.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Capital City Freeway
ADDRESS: Capital City Freeway
Sacramento CA 95816
LAT/LONG: 38.5829 / 121.4562

CLIENT: Dudek & Associates
CONTACT: Garrett Gamache
INQUIRY #: 3615440.2s
DATE: May 23, 2013 3:10 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: COLUMBIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	11 inches	59 inches	stratified loamy sand to silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1

Soil Map ID: 2

Soil Component Name: COLUMBIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	11 inches	59 inches	stratified loamy sand to silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1

Soil Map ID: 3

Soil Component Name: COLUMBIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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	11 inches	42 inches	stratified loamy sand to silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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	42 inches	64 inches	clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: DUMPS

Soil Surface Texture: variable

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: ROSSMOOR

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.6
2	5 inches	61 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40000189243	1/2 - 1 Mile WSW
B4	USGS40000189436	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

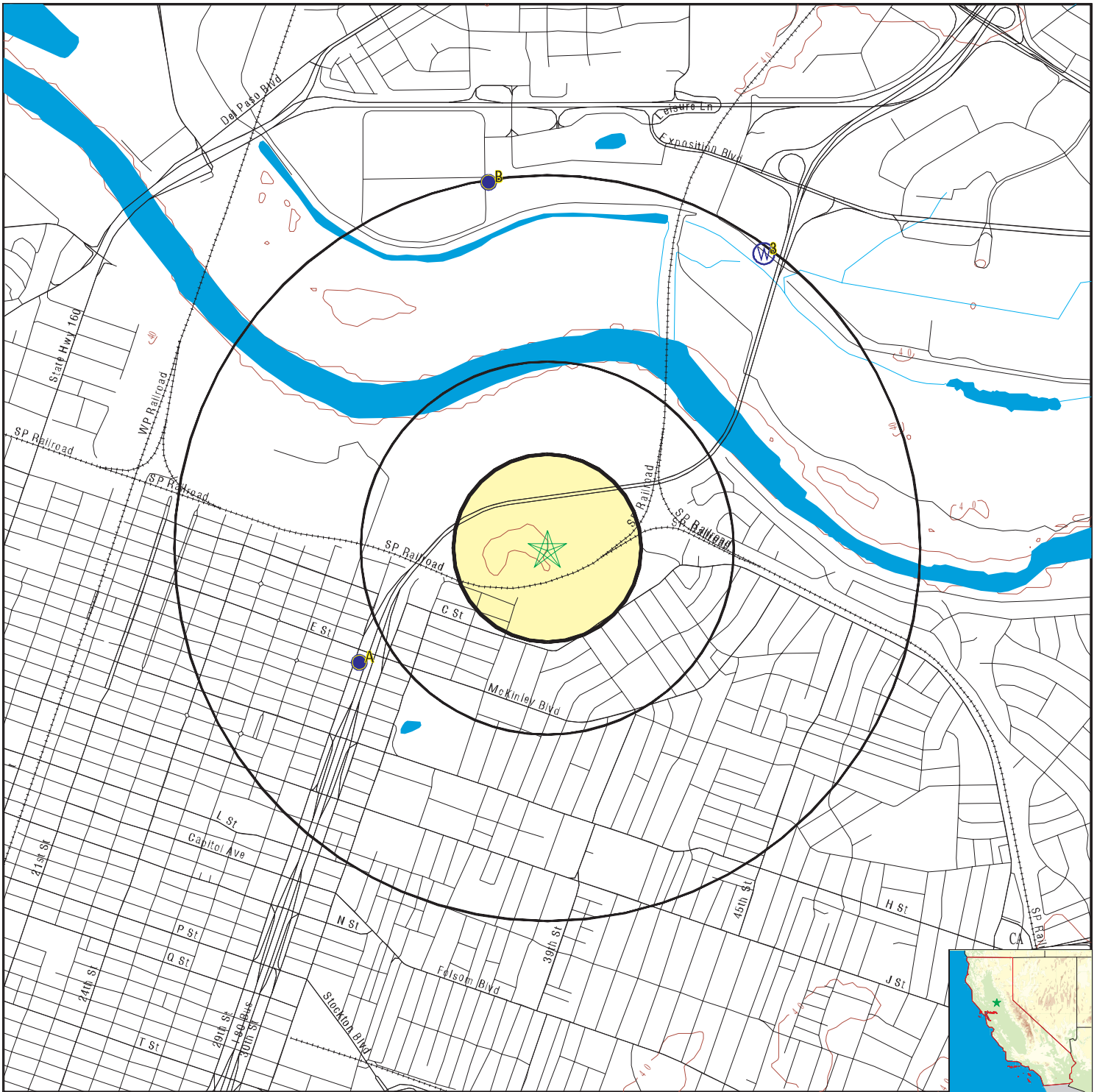
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	CADW50000032081	1/2 - 1 Mile WSW
3	9067	1/2 - 1 Mile NE
B5	9066	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 3615440.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Capital City Freeway
 ADDRESS: Capital City Freeway
 Sacramento CA 95816
 LAT/LONG: 38.5829 / 121.4562

CLIENT: Dudek & Associates
 CONTACT: Garrett Gamache
 INQUIRY #: 3615440.2s
 DATE: May 23, 2013 3:10 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40000189243

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-383443121275201		
Monloc name:	008N005E06H001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020109	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.5785165
Longitude:	-121.46551	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	22.20
Vert measure units:	feet	Vertacc measure val:	.2
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19670701	Welldepth:	240
Welldepth units:	ft	Wellholedepth:	240
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1967-07-01	25.00	

A2
WSW
1/2 - 1 Mile
Higher

CA WELLS CADW50000032081

Latitude :	38.5784		
Longitude :	121.4655		
Site code:	385784N1214655W001	Casgem sta:	08N05E06H001M
Local well:	Not Reported	Casgem s 1:	Irrigation
County id:	34		
Basin cd:	5-21.65	Basin desc:	South American
Org unit n:	North Central Region Office	Site id:	CADW50000032081

3
NE
1/2 - 1 Mile
Higher

CA WELLS 9067

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	09N/05E-33D01 M	User ID:	TEN
FRDS Number:	3410020053	County:	Sacramento
District Number:	09	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	383540.0 1212640.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WELL 157		
System Number:	3410020		
System Name:	Sacramento, City of		
Organization That Operates System:	1391 35th Avenue		
	Sacramento, Ca 95822		
Pop Served:	374600	Connections:	120339
Area Served:	SACRAMENTO MAIN		

**B4
North
1/2 - 1 Mile
Higher**

FED USGS USGS40000189436

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-383550121272801		
Monloc name:	009N005E32C001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020109	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.5971272
Longitude:	-121.4588432	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25.00
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19650301	Welldepth:	255
Welldepth units:	ft	Wellholeddepth:	410
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**B5
North
1/2 - 1 Mile
Higher**

CA WELLS 9066

Water System Information:

Prime Station Code:	09N/05E-32C01 M	User ID:	TEN
FRDS Number:	3410020042	County:	Sacramento
District Number:	09	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	383550.0 1212730.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WELL 139		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number:	3410020		
System Name:	Sacramento, City of		
Organization That Operates System:	1391 35th Avenue		
	Sacramento, Ca 95822		
Pop Served:	374600	Connections:	120339
Area Served:	SACRAMENTO MAIN		
Sample Collected:	10/12/2011	Findings:	10. UNITS
Chemical:	COLOR		
Sample Collected:	10/12/2011	Findings:	407. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/12/2011	Findings:	180. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	10/12/2011	Findings:	220. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/12/2011	Findings:	170. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	10/12/2011	Findings:	2600. MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/12/2011	Findings:	16. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/12/2011	Findings:	4. UG/L
Chemical:	ARSENIC		
Sample Collected:	10/12/2011	Findings:	615. UG/L
Chemical:	IRON		
Sample Collected:	10/12/2011	Findings:	236. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/12/2011	Findings:	2.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/12/2011	Findings:	5. NTU
Chemical:	TURBIDITY, LABORATORY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95816	19	1

Federal EPA Radon Zone for SACRAMENTO County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95816

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

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.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.