

Attachment E

Draft Transfer/Processing Report (TPR)

Attached here is the Fourth Draft Transfer/Processing Report (TPR) for the Fair Deal Waste Recycling and Transfer Station. This revision includes additional information to address the comments from the Sacramento County Environmental Management Department (EMD) that were received on May 2017. This Fourth Draft TPR has not yet been formally submitted to EMD, but informs the public and CEQA decision makers of the current status of the TPR. A major modification in this draft is the reduced capacity of 450 tons per day.

Fair Deal Waste Recycling Facility & Transfer Station

Transfer/Processing Report for a Large Volume Transfer/Processing Facility

Submitted by:

Fair Deal Waste Recycling, LLC
8191 Elder Creek Road
Sacramento, CA 95824

Fourth Draft

Submitted to:

Sacramento County Environmental Management Department
Environmental Compliance Division

July 2017

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- B. Site Capacity Analysis (450 TPD)
- C. Load Checking Training Support Materials
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CHAPTER 1.0

Facility Overview

1.1 Introduction

This is the Transfer/Processing Report (TPR) for the Fair Deal Waste Recycling and Transfer Station

Name of Operation: Fair Deal Waste Recycling and Transfer Station

Facility Address: 8191 Elder Creek Road
Sacramento, CA 95824
APN: 038-029-004-0000 & 038-0290-016-0000

Owner Name: Scott & Donna Eastman

Owner Mailing Address: Scott & Donna Eastman Family Trust
5812 Claridge Ct
Elk Grove, CA 95758

Operator Name: Sean Dutt

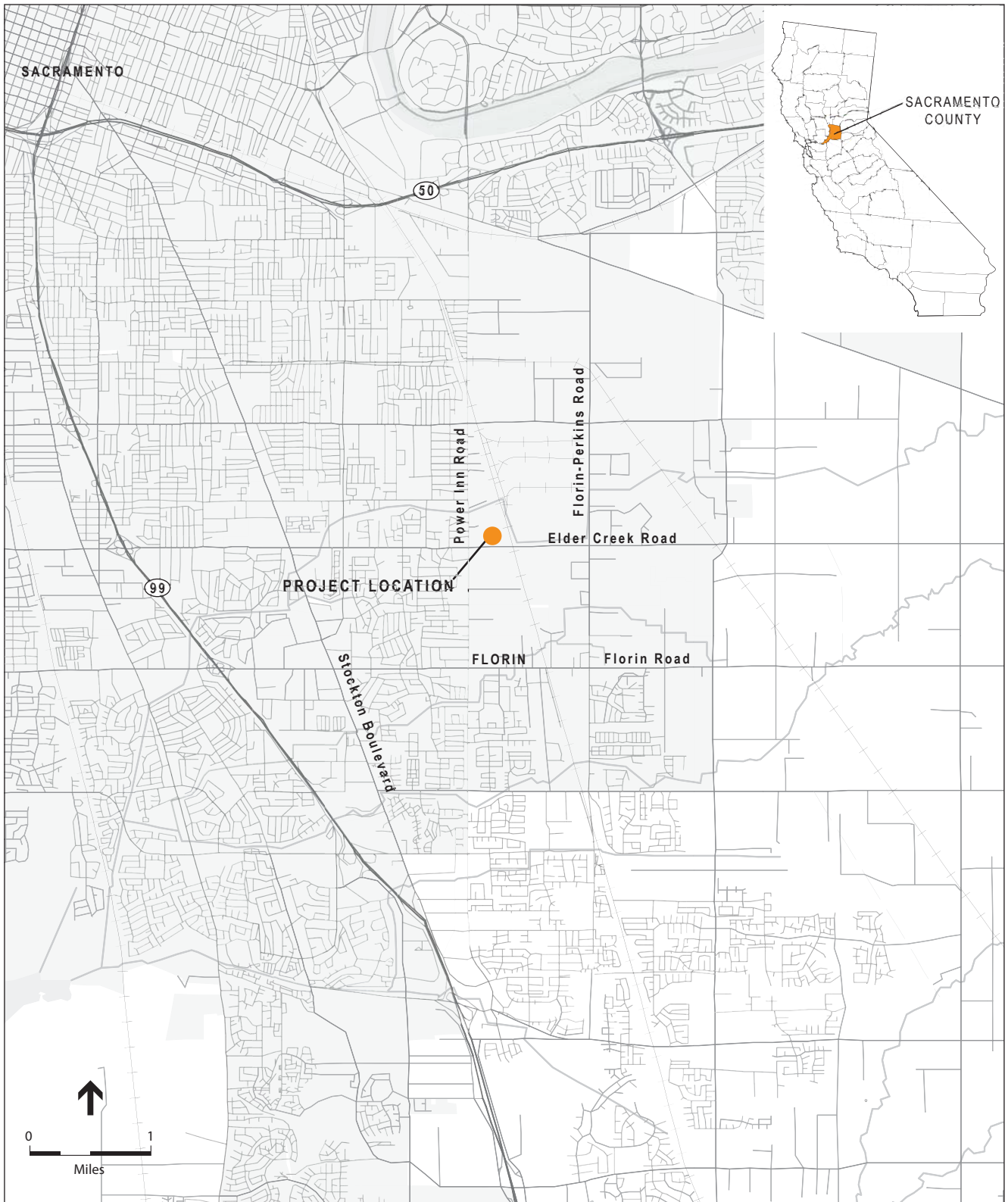
Facility Contact: Sean Dutt
916-832-1158

Proposed Permitted Capacity: 450 Tons per Day (TPD)

1.2 Site Location

The approximately 3.61 acre site is located at 8191 Elder Creek Road in Sacramento in the M-2(S) Heavy Industrial Zone and is surrounded by compatible industrial land uses.

Figure 1 shows the regional location of the facility relative to nearby rail lines, streets, and freeways. Access to the site is off of Elder Creek Road.



SOURCE: DeLorme Street Atlas USA, 2000; ESA, 2011; and RCH Group 2016

Fair Deal Recycling and Transfer Station

Figure 1

Regional Locator Map

1.3 Site Plan Description

1.3.1 Site Description

The site is a large, flat parcel that is approximately two-thirds paved. Structures on the property include a 4,857 square foot (sf) single-story wood framed building (Business Office), a 7,880 sf post & beam shade structure (location of construction and demolition debris [C&D] Sort Line), and a 3,084 sf shed (for material storage of processed recyclable C&D material).

The majority of the site is open to accommodate the recycling operations and facilitate the maneuvering of the trucks. A six-foot high chain link and in most locations a solid concrete wall borders the site on the property lines. All activities on the site would be screened from public view. The frontage along Elder Creek Road will be improved to City of Sacramento standards.

1.3.2 Description of Project Operations

Project Operations

Fair Deal Waste Recycling shall operate as follows:

- Owner/operator shall receive up to 450 tons of total materials per day, as a transfer station. Identified materials shall include green waste, wood products, rock, dirt, asphalt, appliances, metals, E-waste, cardboard, plastic, aluminum, cans, clean wood, and other recyclable materials.
- These and other similar recyclable materials should not result in odor or vector problems as best management practices would be employed. The facility will have a load checking program to prevent the acceptance of waste which is not allowed at the facility, and will make changes in site operations as necessary to reduce objectionable odors.
- The facility would have a Construction and Demolition (C&D) Debris Recycling Sort Line under the Post & Beam Shade Structure directly behind the business office. Using handpicking, the sort line could recover various materials such as lumber, drywall, metals, brick, concrete, carpet, plastic, pipe, rocks, paper, cardboard and other recoverable and recyclable materials.
- The facility would have flexibility to accept up to 450 TPD of green waste, and not limit the various waste types within the overall 450 TPD total.
- The facility shall have an entrance sign that complies with 14 CCR, Section 17409.4.
- Owner/operator shall be responsible for removal of all litter generated by the recycling operation. The owner/operator shall provide litter control at the entrance of the facility and along the street, sidewalk, and setback areas adjacent to the facility.
- Owner/operator shall control dust generated by the operation. Dust shall not be allowed to cross the overall site perimeter property lines.
- A sign indicating a 24-hour emergency phone number and contact person shall be kept current and posted on the site in a clearly visible place.

- Fire Prevention, Control and Mitigation Plan (Emergency Plan) and Site Plan shall be submitted to the fire code official for review and approval. The onsite piles shall not exceed limits approved by the fire code official.
- The site currently relies upon a septic system, which served the previous tenants at the project site. Long-term sewer service will be supplied by Sacramento Area Sewer District (SASD).
- Piles shall be separated from adjacent piles with clearance for fire trucks (20' clearance).
- Each truck shall be weighed in and the weights shall be recorded, or alternatively, self-haul vehicles may be assigned weight/volumes based upon vehicle type and visual assessment.
- Each incoming load shall be removed from the truck and sorted by material type (green waste, wood products, rock, dirt, asphalt, appliances, metals, Ewaste, cardboard, plastic, aluminum, cans, clean wood, and other recyclable materials). Sorted material shall be placed on individual bins/bunkers and hauled away for recycling. Green waste shall be directed to the grinding area.
- The delivery truck shall haul the ground wood and green waste to a power plant to produce power. If truck loads are not accepted at the power plant they will go to a permitted landfill.
- Operations will be conducted on the paved and fenced yard in open areas or under the 7,880 sf covered post and beam shade structure. The northern portion of the site will be paved prior to full operations under the Solid Waste Facility Permit (450 TPD).
- Two truck scales will be used to weigh incoming and outgoing vehicles. One scale will weigh vehicles entering the facility and one scale will weigh vehicles exiting the facility.
- The facility will need a permitted traffic volume for up to 323 vehicles per day (18 employees, 2 visitors, 70 roll-off trucks, 200 self-haul vehicles and 33 transfer vehicles). The daily traffic counts will be tracked by the facility and available to the LEA staff.

The proposed operating levels are summarized in **Table 1**.

1.3.3 Adjacent Land Uses

The project site is within a major industrial area and separated from the nearest residences (to the west) by approximately 1,150 feet and the nearest residences to the south by 5,500 feet. The adjacent land uses are a vacant industrial warehouse to the north, Baketech and Bimbo Bakeries to the west, Northwood Commerce Center across Elder Creek Road to the south and Truck & Auto Centers of America to the east. See **Figure 2**. Appendix D lists the APN's, address, land use code and zoning for all properties within 1,000 feet of the proposed project property line.

1.3.4 Service Area

The facility would accept deliveries from commercial accounts and would also be open to the public. There would be no defined service area.



1.4 Nature and Quantity of Wastes

1.4.1 Waste Types

The facility will receive C&D waste, inert debris, recyclable materials, non-curbside collected green waste, wood waste, mixed loads of waste, and materials from curbside (bulky item) clean-ups.

- The inert debris will be separated, contaminants will be removed, and then inert debris will be moved to A&A or Golden State Debris.
- Recyclable materials will be sorted for recycling, further processing, or for transfer and off-site processing (not a buy back).
- Mixed loads of waste are not mixed municipal solid waste but mixed C&D and/or green waste mixed loads. “Green waste” or “green material” means any plant material except food material and vegetative food material that is separated at the point of generation, contains no greater than 1% of physical contaminants by dry weight, and meets the requirements of section 17868.5 (Title 14, Chapter 3.1, Article 1, Section 17852[a][21]).
- Putrescible waste is typically not part of C&D or green waste and will be minimized for odors and vectors through load checking and rejection of unacceptable loads. The facility will not accept residential food wastes or household hazardous wastes. Load checkers will reject loads with greater than 1% putrescible wastes. Additional information on load checking is in section 6.18 and in Appendix C.
- Materials from curbside (bulky item) clean-ups.

1.4.2 Waste Quantities

The permitted maximum tonnage is 450 TPD.

Parameter	Proposed Status
Maximum arriving daily tonnage of waste and recyclables	450 tons per day
Maximum arriving waste hauling vehicles	303 per day (200 self-haul vehicles, 70 roll-off trucks and 33 transfer trucks)
Facility Truck Scales	Two Truck Scales
Vehicle Control to Elder Creek Road	Future turn lane – there will be room after sidewalk is added. There is room now for two east-bound lanes – room for a truck turning left into the facility and room for vehicles to pass on the right the trucks waiting to turn
Hours for operations	24 hours per day, every day
Chipping and Grinding Hours	7 a.m. – 7 p.m. every day
Hours open to the public	6 a.m. – 6 p.m. every day
Nighttime Loading and Material Removal	7 p.m. to 6 a.m.
Receive wood and green waste	Grind to produce fuel for biomass facility.
Zoning	Heavy Industrial Zone M-2(S)
Acceptable Materials	Commercial and public waste including: construction and demolition debris, inert debris, recyclable materials, non-curb-side collected green waste, wood waste, mixed loads of waste, and materials from curbside (bulky item) clean-ups. Incidental putrescible waste from accepted loads shall not exceed 1% by weight
Restricted Material – in general all wet garbage (i.e., putrescible waste). ¹	Not accepted

¹ Putrescible wastes are wastes that are capable of being decomposed by microorganisms with sufficient rapidity as to cause nuisances because of odors, vectors, gases or other offensive conditions, and include materials such as, but not limited to food wastes, offal and dead animals. The facility does not want to handle putrescible wastes, but some minor contaminants such as foodwastes are likely to be included in some loads. The facility will visually inspect incoming loads and reject loads that appear to have putrescible wastes that are greater than 1% by weight. The facility will also reject any incoming loads that have strong, offensive odors because they include putrescible wastes. Any putrescible wastes that are sorted from the tipping floor will be placed in a bin or dumpster in a designated area and will be loaded into a transfer truck for off-haul to a landfill (within 48 hours).

1.5 Type of Vehicles

The following types of vehicles may use the facility:

- Incoming Waste Materials: collection trucks, wood and green waste collection trucks, end dumps hauling C&D debris, and public self-haul vehicles
- Outgoing Waste Materials (for disposal): transfer trucks
- Outgoing Recyclable Materials: transfer trucks, roll-off trucks, flatbed trucks

The facility is proposing a maximum of 303 arriving waste hauling vehicles (not including employee vehicles). Employee vehicles or other visitors to the site (not hauling in waste materials) would not count towards the limit because they would not be hauling waste materials and would not be required to use the incoming scale. Employee and visitor vehicles would account for an additional 20 vehicles arriving per day.

CHAPTER 2.0

Regulatory Requirements

2.1 Permits and Approvals

The following is a list of the permits and approvals that may be required for the facility:

Permit Description	Permit Agency
Conditional Use Permit	City of Sacramento
Solid Waste Facility Permit (Transfer Processing Facility (MRF)) Maximum of 450 tons of total materials per day.	County of Sacramento Environmental Management Dept. Solid Waste Local Enforcement Agency (LEA)
Authority to Construct / Permit to Operate	Sacramento Metropolitan Air Quality Management District (SMAQMD)
General Industrial Stormwater Permit	Sacramento Regional Water Quality Control Board
Hazardous Materials Plan	Plan Submitted to: Sacramento County Environmental Management Department (Certified Unified Program Agency [CUPA])

CHAPTER 3.0

Facility Design

3.1 Design Plans

3.1.1 Site Plan

Figure 3 is an overall site plan of the facility, including the traffic circulation. It shows the locations of buildings, parking and other structures with the layout and general dimensions. The major components of the facility are:

- Wood and green waste unloading, staging and storage areas (northern portion of the site)
- Wood and green waste Grinding Operations Project Area (northeast portion of the site)
- C&D unloading, staging and storage areas (southeast portion of site)
- C&D Sorter and Material Processing (7,880 sf; post and beam shade structure)
- Office Building (4,857 sf)
- Shed for maintenance, HHW storage, and materials and equipment storage (2,300 sf)
- Two scale houses (160 sf each) and two scales
- Shed-A (914 sf) (miscellaneous storage)

Mixed waste loads (C&D and green waste) would be dropped at most locations, and the operator will separate, sort, and deliver the materials appropriately. For example, if a mixed load is mainly C&D it will be dropped off in the C&D processing area and any green waste will be sorted out and moved to the green waste processing area.

The location of stockpile areas in Figure 3 is a rough estimate, as the locations of stockpiles will change over time. Taking this into account, there will be adequate room for traffic and vehicle loading.

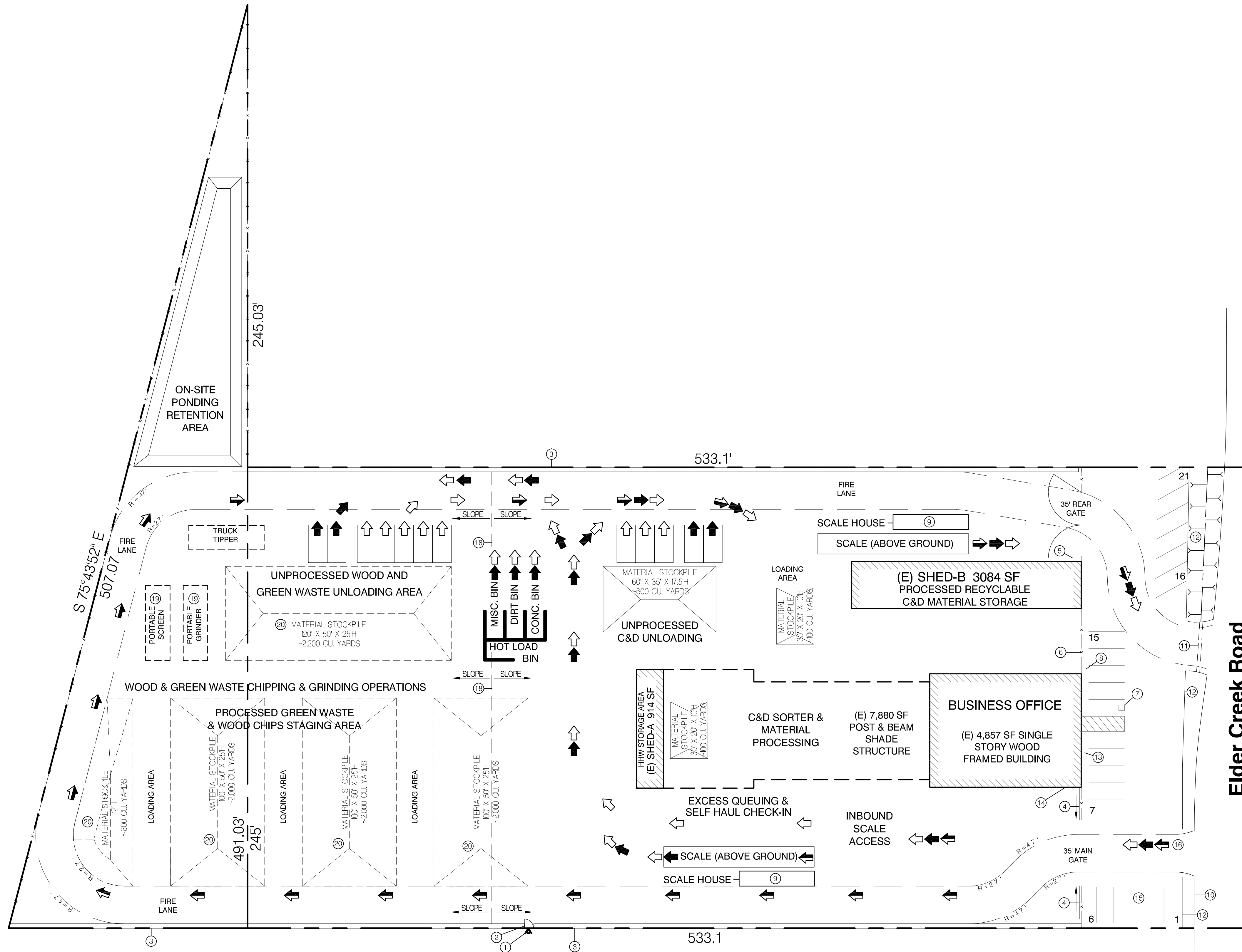
Tipping Area

As identified in **Figure 3**, waste will be tipped at the northeast and southeast areas of the project site.

Staging Areas

Incoming wood and green wastes are sorted in the northeast portion of the site and transferred to the Wood Grinding Area or bins as appropriate. Incoming C&D loads are sorted in the southeast portion of the site.

Residual wastes will be picked up from the sorting area on a first-in, first-out basis. Residual waste will be removed from the site within 48 hours of receipt to comply with 14 CCR 17410.1.

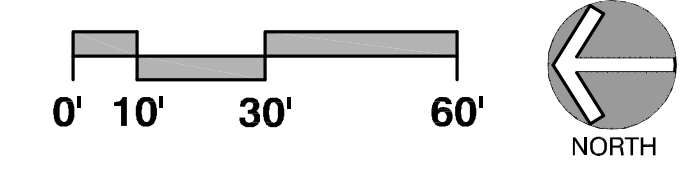


Key Notes

- ① (E) FIRE HYDRANT ON ADJACENT LOT
- ② 36" W. C.L. GATE WITH FIRE DEPT. ACCESS LOCK
- ③ 8' HIGH PRECAST CONC. BLOCK WALL, (2) COURSES 28" W. x 60" L. x 30" H. UNITS, (1) COURSE 28" W. x 60" L. x 12" H. WALL CAP
- ④ (2) 17' WIDE SECTIONS OF 6' HIGH ROLLING C.L. GATE WITH SLATS
- ⑤ REAR EXIT GATE: (2) 17.5' WIDE C.L. SWING GATE PANELS WITH SLATS AND FIRE DEPT. ACCESS LOCK
- ⑥ 6' HIGH ROLLING C.L. FENCE WITH SLATS
- ⑦ (E) 9' x 18' ACCESSIBLE PARKING STALL WITH STRIPPED 8' WIDE VAN LOADING AISLE, ACCESSIBILITY SYMBOL & REQUIRED SIGNAGE, SEE PHOTO VIEW #18
- ⑧ (E) BACK-FLOW PREVENTION VALVE
- ⑨ 12' WIDE x 40' LONG "SCALE HOUSE" (TRAILER)
- ⑩ THIS PORTION OF ELDER CREEK ROAD DOES NOT HAVE A SIDEWALK
- ⑪ (E) CORRUGATED DRAINAGE PIPE FOR (E) DRAINAGE SWALE
- ⑫ (E) 4' WOOD FENCE
- ⑬ (E) GAS METER LOCATION
- ⑭ (E) ELECTRICAL METER LOCATION
- ⑮ 9' x 18' TYPICAL PARKING STALL
- ⑯ ENTRANCE
- ⑰ -
- ⑱ (E) EDGE OF PAVEMENT
- ⑲ PORTABLE EQUIPMENT MOVES TO LOCATION OF MATERIAL BEING PROCESSED AS NEEDED
- ⑳ PILES CHANGE FROM UNPROCESSED TO PROCESSED AS EQUIPMENT CIRCULATES THROUGH AREA

Symbols Legend

- (E) SWALE
- PARKING STALL NUMBER 15
- DRAINAGE SLOPE
- TRAFFIC ARROWS
- SELF HAUL
- COLLECTION VEHICLES
- TRANSFER VEHICLES



Schematic Site Circulation & Operations Plan ~ Phase 2

Source: KGCD; RCH Group 2017

Fair Deal Recycling & Transfer Station ~ 450 TPD Capacity

PAS Design Services
 Patrice A. Stafford, PE
 9046 Feather River Way
 Sacramento, CA 95826

kgcd
 Kevin Gardner
 CAD Drafter
 4537 Engle Road
 Sacramento, CA
 95821-3307
 kgcd@myCCI.net
 916.642.6258

Fair Deal Waste Recycling
 8191 Elder Creek Road
 Sacramento, California
 APN: 038-029-004 & 016

Schematic Site Circulation & Ops. Plan - Phase-2

REVISIONS

Date: June 20, 2017
 Scale: As Noted
 Reviewed By: PM
 Drawn By: KG
 Job No. 160219
 Sheet

Figure 3

Parking Areas

Onsite parking will be provided in compliance with City of Sacramento requirements. Full or partially-full Transfer trucks may park temporarily onsite at night, until they drive their loads to receiving facilities.

3.1.2 Traffic Plan

Figure 3 shows the onsite traffic pattern for the site that accounts for a mix of large transfer trucks, roll-off (collection) vehicles and smaller self-haul vehicles.

As shown, vehicles enter from Elder Creek Road via the main gate on the west side of the Business Office. Transfer vehicles utilize the fire lane along the west, north, and east perimeter of the facility to access material stockpiles. Upon entry, collection vehicles pass through the scale house along the west side of the C&D sorter and material processing building. Self-haul vehicles would be assigned weight/volumes based upon vehicle type and visual assessment or be weighed in and out at the scales. Self-haul and collection vehicles then pass to the east side of the facility where they back in to unloading areas for C&D, wood and green waste, and other materials.

- The unloading area for C&D material is just to the northeast of the C&D sorter and material processing building. Vehicles back in to the unloading area from the fire lane on the east side of the facility. There are three unloading areas for self-haul, and two unloading areas for collection vehicles.
- The unloading area for wood and green waste is in the northeastern section of the facility. Vehicles back in to the unloading area from the fire lane on the east side of the facility. There are five unloading areas for self-haul, and two unloading areas for collection vehicles. Collection vehicles are expected to be flat-bed trucks and debris boxes from commercial haulers.
- The unloading bins for miscellaneous, dirt, concrete, and A/C are between the C&D and wood/green waste unloading areas on the eastern side of the facility. Vehicles back into the bins from the east side of the facility.

The vehicle flow will generally be clockwise, entering the facility at the west gate and exiting the facility from the east gate.

3.2 Design Calculations

3.2.1 Station Capacity

The purpose of this section is to substantiate that the facility can safely handle the throughput capacity of 450 TPD of wood and green waste and construction and demolition recyclable materials at a traffic rate of 323 incoming vehicles per day, without backing up vehicles onto Elder Creek Road. While the rate would be 323 incoming vehicles per day, only 303 of these

vehicles would be carrying waste materials and passing through the scale house. The other vehicles (employees and visitors) are allowed but are not part of the permit.

The proposed volumes will not exceed the capacity of the storage areas and can be managed in a manner that does not create nuisance and operational issues and is protective of public health and safety and the environment, including fire safety and protection of the public. This is based on professional judgment of the Applicant. The Applicant has significant solid waste experience and the proposed Operations Supervisor (Sunil Dutt) has operated Sierra Waste Wood Grinding Co. and Sierra Waste Recycling and Transfer Station in Sacramento since 2002.

Total Compliance Management (TCM) analyzed the site capacity under the proposed operating parameters (see Appendix B). The capacity report reviewed the constraints on incoming waste vehicles that included: queuing space before the incoming scale, vehicle length, tons per vehicle, the time to process incoming vehicles and the time for vehicles to unload. Vehicle trips included employees, vendors and visitors, roll-off trucks, self-haul loads and outbound transfer vehicles. Using these assumptions the report indicates that the site can provide required traffic circulation patterns to support delivery vehicles for the transfer and recycling of up to 450 tons a day of wood and green waste and construction and demolition recyclable materials.

Processing Capacity

Figure 3 shows key operational areas for processing a mix of roll-off trucks and self-haul vehicles.

3.2.2 Traffic Loading

The traffic flow has been designed to reduce cross traffic onsite and at the entrance to the facility. All truck traffic will access the facility using the main entrance gate off of Elder Creek Road.

3.2.3 Peak Loading

During unusual peak loadings the following measures will be taken to ensure adequate throughput and safe operations:

- Extra employees may be added
- Extra shifts may be added (within approved hours of operation)
- Operator will monitor vehicles and tonnage to ensure daily limits are not exceeded. As the limit is approached, there will be an automated alert to the incoming scale house operator from the facility's tracking system showing the total. The automated alert will ensure that the scale house operator will know in advance of 450 TPD that they are approaching the limit so they can close the gate as necessary to assure that the limit is not exceeded.
- When maximum tonnage is reached, no material will be accepted and customers will be directed to the nearest open landfill or transfer station.

CHAPTER 4.0

Station Improvements

4.1 Signs

The following signs will be posted at the facility:

- At the entrance gate, a large sign will be posted which states the name, address, and phone number of the facility; name of the facility operator and the facility hours.
- In the vicinity of the scale house, a sign will display the rates for various materials accepted by the transfer station. This sign will primarily be directed towards members of the public who use the facility.

4.2 Security

The site is secured by a combination of existing 6-foot high chain link fence and solid walls, as a means of providing security and prohibiting unmonitored dumping of loads. Access is controlled through the gated entrance and exit. During hours when waste is not received the gate will be closed to the public. The east and west boundaries have chain link fence and a precast concrete block wall; the southern boundary has a chain link fence with opaque fabric and the northern boundary has a precast concrete block wall.

To adequately secure the facility from theft and arson, overnight onsite personnel, night lighting, and locked gates will be incorporated.

4.3 Roads

Access to the facility is on paved city streets, all adequate for heavy truck traffic and currently used by heavy industrial vehicles, including waste collection trucks. All onsite roads will be paved with either concrete or asphalt, and will be cleaned by a litter crew and routinely swept to control dust. The site is accessible during dry and wet weather periods.

Approximately one-third of the site (the rear, or northern portion) is currently unpaved but it is hard-packed gravel. The area will be paved as necessary to avoid muddy, unstable conditions in the winter and air-borne dust issues in the summer, and so as to make site sweeping and cleaning less difficult. In addition, the existing pavement in the southern portion of the site will be repaired and seal coated to make sweeping and cleaning less difficult.

4.4 Visual Screening

The facility is currently screened from public view by 6-foot high chain link fence (with opaque fabric) and/or precast concrete block walls on the east, west and north borders of the property.

Given the current site plan, the Business Office and Shed B will likely be visible from Elder Creek Road, but other buildings will be shielded from view.

CHAPTER 5.0

Operations

5.1 Hours of Operation

The proposed hours open to the public are 7 days a week from 6:00 am to 6:00 pm. However, the facility may operate for fewer hours if the maximum tonnage (450 TPD) is received before closing.

Chipping and grinding will be 7 days a week, but limited to the hours from 7:00 am to 7:00 pm. Transfer trucks will be loaded to remove processed materials 24 hours a day, when needed, including nighttime loading from 7 p.m. to 6 a.m.

5.2 Station Personnel

Key management personnel assigned to the facility have significant work experience in the recycling industry and there will be approximately 18 employees onsite during operating hours. There will be a supervisor and load checker onsite at all times during working hours. The management organization structure is shown in **Figure 4**. See **Appendix A** that is a resume of management personnel. **Table 2** outlines the estimated number of facility personnel at the maximum tonnage of 450 TPD.

**TABLE 2
ESTIMATED NUMBER OF FACILITY PERSONNEL**

Job Description	# Staff @ 450 TPD
General Manager	1
Administration	2
Transfer Floor Operations	8
Traffic Control/Spotters	1*
Loader Operators	2
Sweeper/Scrubber Operator	1
Water Truck Operator	1
Landscape/Litter Control	1
Equipment Maintenance	1
Total # of Personnel	18

* More spotters will be used when needed

**FAIR DEAL RECYCLING
AND TRANSFER STATION**

PRESIDENT
SEAN DUTT

OPERATION SUPERVISOR
SUNIL DUTT

ADMINISTRATION

TRANSFER RECYCLING OPERATIONS

SCALE OPERATOR/OFFICE PERSONNEL

LOAD OPERATORS

Fair Deal Recycling and Transfer Station

Figure 4
Management Organization Structure

5.2.1 Training

Fair Deal Waste Recycling will be committed to providing a safe and healthful workplace for employees. Development and maintenance of safety training programs will be an important part of their dedication to safety. Every new employee will be required to go through an orientation to adequately train them in health and safety issues. The orientation training includes topics on:

- Health and Safety
- Protective Equipment
- Emergency Response
- Customer Service
- Hazardous Materials Load Checking
- Environmental Compliance

Employees will also participate in monthly safety briefings and be trained in emergency procedures. Equipment and vehicle operators will be given operating and maintenance instructions. Copies of training records will be kept on file at the facility offices. Employees will also be trained on solid waste regulatory requirements and the permit conditions of the site's Solid Waste Facility Permit. Additional information on training is discussed in Section 5.7, Health and Safety Programs.

5.2.2 Emergency Contact List

In the case of an emergency, the persons listed serve as the contacts for the facility. The daytime phone is (916) 389-0785. Off-duty numbers are:

- **Sean Dutt** (916) 832-1158

Table 3 lists the emergency numbers to contact, if an emergency cannot be handled by facility management.

**TABLE 3
OUTSIDE EMERGENCY CONTACT LIST**

Type of Emergency	Agency	Phone Number
General Emergency	Emergency Dispatch	911
Hazardous Waste Spill or Explosives	Sacramento County Fire Department	(916) 808-1300
Security	Sacramento Police Department	(916) 264-5471
Unidentified/Known Hazardous/Suspected Hazardous Waste; Unknown Sludges, Slurries, and Liquids	County of Sacramento Environmental Management Department Hazardous Materials Division	(916) 875-8444
Medical Waste (Producer Known) (Producer Unknown)	California Department of Public Health Medical Waste Management Program	(916) 449-5671

5.3 Station Equipment

Table 4 lists the equipment (or similar equipment) at the facility that will assist in achieving the throughput capacity of 450 TPD. The type of equipment and number of units may change based

on changes in the waste stream, new processing technology, and new regulatory and diversion requirements.

**TABLE 4
EQUIPMENT LIST**

Equipment Type	Description
Loaders, Model 95 (2)	2 x 7 yds. bucket
Electric or Diesel Grinder, Model 7400	80 – 100 tons/hour
2,000 -- 4,000 gallon Water truck	
Commercial Weigh Scale (2)	80,000# to 100,000#
Sorting Line and Screen	35+ tons/hour
Trommel Screen	Silver Screen
Excavator	TBD – start with rental

The operator has access to back-up equipment (multiple outside grinders and loaders) from multiple sources since they have been in the wood grinding business for a long time. Trommels can be rented out of Dixon if needed. The LEA will be notified in the event wastes cannot be removed within the required timeframes.

5.4 Equipment Maintenance

A comprehensive preventive maintenance program will be implemented to ensure the reliability of all equipment and vehicles, and to maintain equipment in good working order. Stationary equipment will be maintained onsite on a regular basis. The following maintenance schedule applies:

- **Grinder:** daily, weekly preventative maintenance program
- **Loaders:** daily inspection and CAT maintenance service every 250 operating hours

5.5 Materials Handling

The following subsections provide a general overview of the types of wastes received, processed, and/or transferred.

The facility will only accept materials identified in Section 1.4.1 (Waste Types) of this -TPR. . Waste brought to the facility will be weighed at the scale-house as vehicles enter the facility, self-haul vehicles may be assigned weight/volumes based upon vehicle type and visual assessment. Daily tonnage logs will be maintained and reported to the LEA on a periodic basis. Vehicles will proceed to the transfer station tipping/unloading area as indicated on **Figure 3**. Waste will be moved to the transfer station sorting area for sorting and material recovery. Waste will be transferred and processed on a first-in, first-out basis. All material will be processed and all solid waste will be removed from the site within 48 hours.

5.5.1 C&D and Inert (CDI) Debris

See Section 5.5, second paragraph.

5.5.2 Recyclable Materials

Trucks picking up recyclable material in roll-offs (glass, bulk metal, inerts, white goods) weigh-in empty on the incoming scale and proceed to the loading area to collect their loads. Once they have picked up their load, these trucks weigh-out and exit the facility onto Elder Creek Road. Generally, recyclable materials will be stored about 2-3 weeks or less if full loads are accumulated (full bins or bunkers). If market conditions are poor for recyclables, recyclable materials could be stored onsite up to 30 days. These materials will be managed and monitored as to prevent harborage of vectors and nuisance conditions.

5.5.3 Wood/Green waste

Wood and green waste delivered to the facility will be separated from the other waste, grinded, then stockpiled temporary while waiting to be loaded into transfer trucks and delivered to biomass plants. Wood and green waste will be removed within 48 hours or at an alternate frequency approved by LEA. It is understood that the LEA can extend the time that materials can be held onsite if operations indicate that a time extension will not result in any nuisance conditions (based on the materials being stored) and the materials held for an extended time will not interfere with site operations. The facility will prepare and implement an Odor Control Plan for odor control measures related to green waste. Temperatures of green waste will be monitored and recorded daily to make sure green waste temperatures remains below 122°F and therefore no active composting. Green waste piles will be broken down if monitoring finds temperatures are 122°F or above. The facility will not accept curbside-collected green waste.

Processing will be on a first in first out basis. Stockpiles for wood and green waste will be separated, with individual stockpiles separated by 20-foot access areas for fire. Temperatures of unprocessed green waste and processed green/wood waste will be monitored and controlled. To help track 48 hour removal requirements, stockpiles will be separated by day of receipt or some other means of tracking. If the facility is unable to process the material within 48 hours, green waste shall be moved off-site to a permitted landfill permitted to accept municipal solid waste for immediate disposal.

5.5.4 Mixed Loads of Waste

See Section 5.5, second paragraph.

5.5.5 Materials from Curbside [Bulky Item] Clean-Ups

See Section 5.5, second paragraph.

5.5.6 Waste Disposal

After material is received and sorted, front-end loaders will load residual waste into transfer trailers. Fully loaded trucks then leave the facility for permitted disposal locations.

5.5.7 Public Tipping

The public (self-haul vehicles) is allowed to drop-off acceptable materials during operating hours as identified in Section 5.1. Self-haul vehicles will be charged a minimum flat fee if their load is less than a pre-determined posted amount, and charged per ton if in excess of this posted amount. Self-haul vehicles can weigh in at the scale, tip, and then weigh out. Alternatively, self-haul vehicles may be assigned weight/volumes based upon vehicle type and visual assessment.

5.5.8 Hazardous Waste Load Check Program

A Hazardous Waste Load Check Program will be implemented at the facility. The program will include: visual inspection, a minimum of two random load checks per day, emergency response procedures, and employee training. The weighmaster and spotters will continuously look for hazardous wastes in all vehicles entering the facility. See Section 5.2.2 for a list of emergency contact and numbers. The Hazardous Material Program is in Attachment A of the IS/MND.

5.5.9 Solid Waste Storage

Waste will be removed from the site within 48 hours from the time of receipt (CCR 14, Section 17401.1).

5.5.10 Hazardous Waste Storage

A temporary hazardous waste storage area will be located at the facility [in Shed A]. No waste will be stored longer than 90 days, per regulations. All hazardous waste incidentally recovered from the waste-stream will be temporarily stored onsite, manifested, and transported off-site according to Federal and State regulation requirements. A spill response locker, supplied with emergency response equipment, will be located near the hazardous waste storage area.

5.6 Station Maintenance

5.6.1 Maintenance

Buildings, equipment, and paved areas will be maintained and kept in good working order to ensure public safety. The general manager is responsible for inspecting the facility to assess the overall level of maintenance. As needed, repairs will be made to maintain the facility.

5.6.2 Cleaning

The site will be cleaned daily. Station personnel will patrol the general site area, including the access driveways and surrounding areas to control debris and dust accumulation. This cleanup will usually occur at the end of the last shift of the day, and includes the use of the mechanical street sweeper, as well as hand-brooming and cleaning. Cleaning is also addressed in section 6.2.

5.7 Health and Safety Program

5.7.1 Health and Safety Programs

Fair Deal Waste Recycling and Transfer Station will develop and implement safety-training programs for their workers as summarized in **Table 5**. These program manuals will be kept onsite and available for review by LEA personnel.

In addition, an Injury, Illness, and Prevention Program (IIPP) shall be developed, maintained, and available for review by local and state inspectors during normal business hours.

**TABLE 5
HEALTH AND SAFETY PROGRAMS**

-
- Load Check Program
 - SB 198 Illness & Injury Prevention Program
 - Emergency Response Program
 - Hazard Communication Program (Right-to-Know)
 - Storm Water Pollution Prevention Program
-

5.7.2 Sanitary Facilities

Sanitary facilities are located onsite and accessible to all employees. Facilities consist of toilets, urinals, and sinks.

5.7.3 Water Supply

The City of Sacramento provides the potable water supply (there is no groundwater being used). The City water will provide adequate quench and process water.

Dust mitigation does involve spraying of water from hand held hoses onto excessively dust-producing materials during transfer operations. The amount of liquids needed for dust suppression is minimal.

The retention basin in the northeastern part of the site would capture water that could be reused on the site to reduce the water demand of the project.

5.7.4 Communications

The office will be equipped with an outside radio/speaker system.

5.7.5 Fire

The operator will provide fire prevention, protection and control measures, including, but not limited to, temperature monitoring of piles, adequate water supply for fire suppression, and the isolation of potential ignition sources from combustible materials.

On-site processing buildings are designed and constructed with appropriate fire control equipment, which may include sprinklers, fire extinguishers, or other requirements.

There will be 10 fire extinguishers (3 in the office and 7 in the yard) and a 2,000 -- 4,000 gallon water truck kept onsite at the facility. Chipping material will be stored in piles that will not exceed limits in the Fire Plan. Piles will be monitored periodically with long temperature thermometers or remote sensors.

Fire protection will be available from the 4" outlets that cover the entire project site.

A fire hydrant is located at the midpoint of the western boundary of the facility. Fire hoses, also used on-site for dust suppression purposes, are available to suppress small fires, should they occur. Process water may be used for dust or fire control or other operational requirements, and will be minimized only to what is necessary.

Access to the fire hydrant will be provided consistent with details in the Fire Plan. The facility will submit a Fire Plan to the City Fire Department and will operate under the applicable requirements and information in the Fire Plan.

Front-end loaders and excavator are available to aid in the management of materials to combat fire or prevent its spread. All firefighting equipment will be properly maintained and available on a continuous basis.

The Fire Prevention, Control, and Mitigation Plan is in Attachment A of the IS/MND.

5.7.6 Safety Equipment

Personal Protective Equipment (PPE) will be assigned to each new employee. Hard hats, reflective vests, gloves, safety glasses, and safety boots must be worn by all employees working at the facility. In addition, ear protection is provided for all employees. The employees are responsible for care and storage of their equipment. If replacement equipment is needed, the employee must notify their supervisor for replacement. The offices are equipped with first aid supplies.

In case hazardous waste is accidentally included in the loads brought to the facility, hazardous waste response equipment is located in a spill response locker to be used for emergency response. This equipment typically includes absorbent, brooms, 55-gallon drums, protective gloves, clothing, boots, goggles and respiratory equipment.

5.7.7 Power Failure

During brief power outages, waste unloading and manual sorting operations will be able to continue with no interruption of service. If electrical power to the site is lost for an extended period, the site could be closed, and vehicles attempting to use the site would be directed to other facilities.

Compliance with 48 hour (or alternate) solid waste removal requirements will be considered in the event of an extended power failure, especially if an electric grinder is used. If, due to power

failure, the requirements can't be met, the operator will take steps to manage over-limit materials, and notify the LEA. In this unusual condition, the site supervisor would ask the LEA for an extension of time to process the green waste (closely monitoring the green waste for any nuisance conditions until the power is restored), or begin hauling the green waste to a permitted landfill.

CHAPTER 6.0

Station Controls

This section discusses how the facility is designed and operated to meet State Minimum Standards relating to transfer stations, Title 14, Article 6.2, Section 17406.1 et.seq.

6.1 Burning Wastes and Open Burning (17407.1)

There will be no open burning of waste at the facility. A hot load bin will be maintained for placing separated burning or smoldering loads (back of inert bins see Figure 3). Should the facility accidentally receive burning waste or experience accidental ignition of wastes, the following will occur:

- Burning materials will be separated from other materials, if possible.
- If the fire is small and manageable, the workers and loader operators will put it out with water hoses and portable extinguishers.
- If the fire appears to be a greater threat, 911 will be called immediately for assistance from the Fire Department and the LEA will be notified within 24 hours of the incident. Loader operators may be able to isolate the burning material, to minimize spread of the fire until help arrives.

In either case, facility personnel will backtrack the waste to alert the generator and eliminate future occurrences.

6.2 Cleaning (17407.2)

The site will be cleaned daily. Litter crews will police the site daily, and a mechanical street sweeper cleans all paved areas, driveways, and the frontage site of Elder Creek Road.

A vacuum-type sweeper truck will be used to reduce dust, as opposed to a sweeper attachment on a Bobcat. Refer to section 5.6.2 for other cleaning information.

6.3 Drainage control (17407.3)

Wastewater will be minimized through dry sweeping methods. The small, infrequent amount of wastewater from floor cleanup will be routed to the on-site treatment system in the southern portion of the site before any discharge. Filters will be added at the drain inlets prior to operations to remove coarse and fine sediments from the wastewater. Additional treatment options would be implemented, as needed, following the initial stormwater sampling conducted under the Industrial General Permit.

The facility would seek coverage under the NPDES Industrial General Permit from the State Water Resources Control Board. Surface water runoff from the northern third of the site, including process water, would be directed to an on-site retention basin in the northeastern part of the site (as shown in Figure 3), by use of grading design, drain pipes, and/or drainage ditches, where it will be properly treated, if necessary, prior to any discharge. Water would be pumped from the retention basin for facility use in operations, including fire and dust control. The northern third of the site would have hard packed gravel during Phase 1 (Enforcement Agency Notification) and be paved for Phase 2 (operation under the Solid Waste Facilities Permit).

For the southern third of the site, stormwater would be directed to a stormwater collection and treatment system by use of grading design, drain pipes, and/or drainage ditches, where it will be properly treated, if necessary, prior to any discharge. The southern two-thirds currently has aging pavement that would be improved for Phase 2.

A program will be implemented to monitor water quality and to evaluate the effectiveness of storm water management practices at the facility.

6.4 Dust Control (17407.4)

Dust generated through waste tipping and handling will be controlled through a variety of mechanical and operational methods, including spray bars in and out of conveyors. The water truck is used to reduce airborne dust by regularly watering the site and can be used to hose dusty loads prior to or during unloading. In addition, the facility and the equipment are cleaned at the end of each day by the mechanical street sweeper and by hand-brooming and wipe down, to remove dirt and dust. Dust monitoring measures will be implemented and there will be outreach to neighbors so they know who to contact if there is a problem.

The Dust Control Plan is in Attachment A of the IS/MND.

6.5 Hazardous, Liquid, and Special Wastes (17407.5)

This facility will not intentionally accept or store hazardous materials including batteries, oil, paint, and special wastes. The facility will implement a load checking program and also procedures to separate and safely handle any hazardous material discovered in the wastes. The facility will not accept any liquid waste or sludges.

6.6 Litter Control (17408.1)

Litter will be controlled at the site in several ways:

- All unloading, processing and loading of material occurs within the designated area
- A litter crew polices the site once per day, picking up litter from the site perimeter, driveways, and along the frontage
- A mechanical street sweeper will patrol the site daily, cleaning paved surfaces, driveways and the frontage along Elder Creek Road.

- Measures for enforcement will include warnings, refusal of loads, and possible banning from the facility for vehicles that cause litter. Appropriate tarping of loads will be encouraged.

The Litter Prevention Program is in Attachment A of the IS/MND.

6.7 Medical Wastes (17408.2)

The facility would not knowingly accept any medical waste. Untreated medical waste will be managed as hazardous waste. If untreated medical waste is discovered in the tipping pad, it will be moved to the hazardous waste storage and a licensed medical waste hauler will be contacted to remove the medical waste. The Department of Health Services (DHS) will be contacted. The same administrative procedures outlined for hazardous waste will be initiated while the driver is questioned as to the possible originator.

Any waste material which may assist in identifying the medical waste generator will be kept for inspection by the DHS, if required. Following its inspection, the DHS will instruct the station manager on the required procedures to handle and dispose of the untreated medical waste. The DHS (State) contact person can be reached at 916- 449-5671. If body parts are discovered, the County Coroner's Office will be notified.

6.8 Noise Control (17408.3)

A previous project expanded operations of the Sierra Waste Recycling and Transfer Station. The Fair Deal project is similar to the Sierra Waste project in that both are recycling and transfer stations, are managed by Mr. Sunil Dutt, and are only one mile away from each other. In 2011, noise levels of a primary grinder and two front-end loaders that would be used at the Sierra Waste site were monitored and analyzed by staff from Environmental Science Associates (ESA). They concluded that the project would comply with the City of Sacramento's noise standards at any hour of the day at the nearest sensitive receptors and no mitigation would be required. Given these results, the Fair Deal project should also comply with City noise standards and no mitigation should be required. The CEQA Initial Study does include start-up noise testing at the nearest residence to assure that the project meets the City of Sacramento Noise Ordinance.

6.9 Non-Salvageable Items (17408.4)

Drugs, cosmetics, foods, beverages, hazardous wastes, poisons, medical supplies or syringes, needles, pesticides and other materials capable of causing health or safety problems are not salvaged. The facility will not salvage any materials. All employees will be trained in this regard.

6.10 Nuisance Control (17408.5)

Strict operating practices, such as daily cleaning and prompt removal of waste material, continue to ensure that the facility poses no nuisance to the community.

There are several actions the facility will take to minimize odors and vectors, including but not limited to:

- As identified in section 6.23, to eliminate rodents, birds, and insects, wastes will be loaded into trailers on a first-in, first-out basis. If loaded trucks need to be staged overnight, these parking areas will be inspected and cleaned daily. A pest control company will be used if necessary.
- If the operator detects objectionable onsite odor they will follow the following protocol:
 1. Investigate and determine the likely source of the odor.
 2. Determine if on-site management actions could remedy the problem and take steps to remedy the situation.
 3. Log the odor source/cause and any corrective actions taken in the Site Operations Log.
 4. Make changes in site operations as necessary to reduce objectionable odors. Odor may be reduced by limiting certain types of incoming feedstocks, removal and disposal of the odiferous materials, or other activities.

The operator will develop an Odor Control Plan, in consultation with LEA, to address the actions for odor control at the site. The Odor Control Plan is in Attachment A of the IS/MND.

Temperature of green waste materials will be monitored daily to make sure it remains below 122°F. This will prevent active composting. Temperature monitoring and steps to take when monitoring reveals elevated temperatures are discussed in section 5.5.3.

Dust control will be as described in section 6.4 using a water truck and spray bars.

6.11 Maintenance Program (17408.6)

See Section 5.4

6.12 Personnel Health and Safety (17408.7)

See Section 5.7.

6.13 Protection of Users (17408.8)

The protection of users will include the use of spotters trained to direct users and watch out for user safety concerns and provide signage, railings, marked pavement, etc. to ensure users know where to unload and what activities are not allowed.

As shown on **Figure 3**, the transfer station tipping/unloading area is separated from the transfer station sorting area for safety purposes. After unloading customers will be able to leave the facility according to the traffic circulation pattern shown on **Figure 3**. The transfer station tipping/unloading area will also be separated from the wood and green waste unloading and grinding areas.

Users will be protected from dust. All onsite roads will eventually be paved with either concrete or asphalt. The facility and equipment will be cleaned at the end of each day by the mechanical

street sweeper and by hand-brooming and wipe down. Dust generated through waste tipping and handling will be controlled through spray bars and a water truck will regularly water the site.

Pile heights are limited to 25 feet for green waste and wood waste and 20 feet for C&D debris to more readily manage materials, and facilitate safe handling of materials with on-site equipment and minimize risk to public, drivers and on-site personnel. Site personnel will monitor and maintain pile construction to prevent potential hazards due to unstable or poorly configured piles.

6.14 Roads (17409.1)

All traffic areas will eventually be paved. The site is approximately two-thirds paved, currently unpaved areas are hard-packed gravel. This paving is kept clean by a street sweeper to keep dust down, and prevent trucks from tracking dirt onto adjacent public roads. Unpaved areas would be watered appropriately to control dust.

6.15 Sanitary Facilities (17409.2)

See Section 5.7.2.

6.16 Scavenging and Salvaging (17409.3)

Scavenging is prohibited. Salvaging is the controlled separation of solid waste material, which do not require further processing, for reuse or recycling prior to transfer activities.

It should be noted that an integral part of the operation will be sorting materials suitable for recycling or further processing (e.g., cardboard, wood, glass, paper and metal) into piles for further processing on the site (e.g., grinding wood) or for transfer and off-site processing. Activities for recovered materials that would be processed off-site would be salvaging activities that need to be included as part of the allowed facility activities. In some cases these activities are considered transfer/processing.

6.17 Signs (17409.4)

See Section 4.1

6.18 Load Checking (17409.5)

The facility will have a load checking program that includes: visual inspections, a minimum of two random load checks per day, emergency response procedures, and employee training (see Section 5.5.8). The purpose of the program is to prevent the acceptance of waste which is not allowed at the facility.

Any prohibited wastes will be identified, separated, and removed or stored as appropriate. Hazardous waste will be stored as discussed in section 5.5.10. Any prohibited solid waste (i.e., food waste) will be loaded into bins or transfer trucks along with other residual materials for off-haul to a landfill.

A copy of the load check program and copies of load checking records for the last year will be maintained in the operating record and be available for review by the appropriate regulatory agencies.

6.19 Parking (17409.6)

Off-street parking is provided for employees, company vehicles and visitors to the site. There will be no on-street parking on Elder Creek Road.

6.20 Solid Waste Removal (17410.1)

Green waste delivered to the site will be processed and removed within 48 hours of receipt, unless an alternative frequency is approved by the LEA.

C&D loads will be processed separately from the green waste loads. C&D material is typically non-putrescible and will not present a vector attraction or odor problem. The C&D debris would be processed and sorted for resale or reuse within 15 days (17383.6(a)). Storage of unprocessed material will not exceed 15 days. Mixed C&D debris that has been processed and sorted for resale, or reuse, will not remain onsite for more than 1 month. Processed mixed C&D debris will not be stored for more than 30 days. Any residual solid wastes remaining from sorting are containerized for transport to a permitted landfill within 48 hours of receipt, unless an alternative frequency is approved by the LEA. Putrescible waste will be removed within 48 hours of receipt.

There will be debris boxes onsite for residual material and/or at least one transfer trailer. One debris box will be located next to the C&D Processing Area. Transfer trailers may replace debris boxes as the tonnages increase. The type of residual is typically non-putrescible and will not present a vector attraction or odor problem.

The Operations Supervisor will direct incoming material to specific site areas, allowing for a logical flow of material, so the materials needing to be processed (within 48 hours, if required) can be identified by location. The locations may change due to typical variations in incoming and outgoing material flow.

6.21 Supervision and Personnel (17410.2)

See Section 5.2.

6.22 Training (17410.3)

Personnel are trained on subjects pertinent to site solid waste operations and maintenance, hazardous materials recognition and screening, use of mechanized equipment, environmental controls, emergency procedures and other requirements of the Minimum Standards for Solid Waste Handling and Disposal. Training records will be available for inspection. Refer to section 5.2.1 for more information on training.

6.23 Vector, Bird, and Animal Control (17410.4)

Because the facility would not accept food wastes, there should be minimal attraction of vectors and birds. To eliminate rodents, birds, and insects, wastes will be loaded into trailers on a first-in, first-out basis and the facility and surrounding areas will be kept clean to minimize creation of a food source or attractive nuisance. If a vector problem develops onsite, the operator will devise the control measures at that time according to the scope of the problem with approval of the LEA. It is anticipated that these control measures may be limited to trapping and removal or other approved vector control method. An outside contractor can be hired for vector control purposes should the onsite control not work.

6.24 Record Keeping (17414)

See Section 7.

6.25 Documentation of LEA Actions (17414.1)

The operator maintains a record of LEA approvals, determinations, and other requirements.

6.26 Communications Equipment (17415.1)

See Section 5.7.4.

6.27 Fire Fighting Equipment (17415.2)

See Section 5.7.5.

6.28 Housekeeping (17416.1)

See Section 5.

6.29 Lighting (17416.2)

The facility's lighting system is installed in the parking lots, material processing areas, and at the scale. All lighting will be installed to meet the requirements of the Sacramento Building Department.

6.30 Equipment (17416.3)

See Section 5.3 and Table 4.

6.31 Site Security (17418.1)

See Section 4.2.

6.32 Site Attendant (17418.2)

An attendant is on duty during the hours the facility is open to the public.

6.33 Traffic Control (17418.3)

Onsite traffic is controlled by the following means:

- Enforced speed limit of 5 mph
- Tipping directions from scale house operator
- Sufficient queuing space
- The controlled metering of trucks into the tipping areas as necessary by the site supervisor, traffic spotter, or lead floor man.

6.34 Visual Screening (17419.1)

A combination of perimeter walls, fencing and landscaping will screen the facility along Elder Creek Road.

6.35 Water Supply (17419.2)

The City of Sacramento provides potable water.

6.36 Unusual Peak Loads

In the event of unusual peak loading (i.e., a natural disaster) the following can be done:

- Bring stand-by equipment on-line, including: loader and transfer trailers, or add additional staff.

Tonnage will be monitored by the scale operator. As tonnage approaches the permitted limit, the operator will receive an automated alert from the facility's tracking system showing the total and the operator will prepare to close the facility to avoid any receipts beyond 450 TPD. The automated alert will ensure that the scale house operator will know in advance of 450 TPD that they are approaching the limit so they can close the gate before the limit is exceeded. In case of a tonnage overage, the gates will be closed, no material will be accepted after the limit is reached on that day, and customers will be directed to the nearest open landfill or transfer station. In addition, the LEA may be notified and an emergency waiver may be requested.

6.37 Final Disposal

All residual solid waste will be disposed at approved landfills.

CHAPTER 7.0

Records and Reporting

7.1 Weight/Volume Records

The facility will implement a monitoring and reporting program that will reflect the requirements of the Solid Waste Facility Permit.

7.2 Special Occurrences

A special Occurrences Log will be kept on a daily basis to document the following: any loads refused entry to the facility, fires, vectors, injuries, property damage, inspections, notices of violations, and other occurrences as needed. The log will be completed by the facility operator and kept in the office. Reports of all special occurrences and the operator's actions in response will be reported to the LEA within 24 hours.

7.3 Complaints

Records shall be kept of any public complaints received by the operator (written, by phone, or in person), including:

1. The nature of the complaint,
2. The date the complaint was received
3. If available, the name, address, and telephone number of the person or persons making the complaint, and
4. Any actions taken to respond to the complaint.
5. The LEA shall be notified of all public complaints within 24 hours of receipt of the complaint.

7.4 Inspection of Records

The operator will comply with all record requirements specified in 17414 and the Solid Waste Facility Permit. Records will be submitted on a quarterly basis.

The facility will keep the following records in a form and manner approved by the LEA.

1. Record of incoming weights or volumes and outgoing material or residual weights. Tonnage records will be broken down by waste types and presented in a manner that allows LEA staff to verify compliance. Records of outgoing material and residual waste

will be tracked and kept for LEA review. Daily vehicle tracking records and green waste temperature monitoring records will also be recorded and available for LEA review.

2. A daily log book or file of special occurrences including but not limited to: fires, injury and property damage, accidents, explosions, receipt or rejection of prohibited wastes, lack of sufficient personnel, flooding, earthquake damage and other unusual occurrences. Operator will notify LEA by telephone within 24 hours of all incidents requiring emergency procedures. Notice to LEA and local health agency of the name, address and telephone number of the operator or other person(s) responsible for the operations.
3. Records of employee training as required by section 17410.3.

APPENDICES

Appendix A

Management Resume



Fair Deal Waste Recycling and Transfer Station

8191 Elder Creek Road

Sacramento, CA 95828

Sunil Dutt

Operation Handling

Mr. Sunil Dutt, will be Operation Supervisor for the full operation of Fair Deal Waste Recycling and Transfer Station.

Mr. Sunil Dutt, has a total of 16-years of Recycling Business experience as follows:

2002 to present, Operations Supervisor or Consulting Supervisor, Sierra Waste Wood Grinding Co. and Sierra Waste Recycling and Transfer Station, 8260 Berry Ave., Sacramento, CA.

1998-2002, Florin Perkins Landfill Station.

Mr. Sunil Dutt has also owned a Trash Hauling Company for the last 12 years.

Appendix B

Site Capacity Overview



Appendix B
Fair Deal Waste Recycling Facility
Site Capacity Overview

The capacity of the facility to handle recyclables and waste materials has been analyzed to demonstrate that the facility is adequately designed to receive 450 tons per day of green materials and construction and demolition debris. Assumptions and analysis of operating parameters are as follows:

- Incoming tonnage – The facility has been designed to manage 450 tons per day; approximately 350 TPD of green materials and 100 TPD of mixed construction and demolition debris are expected, but may vary on a daily and seasonal basis.
- Incoming traffic – based upon our analysis of the operator’s current commercial contracts and expected self-haul traffic, we have prepared the attached Traffic Summary (Table B-1) for the facility. We have estimated the expected incoming volume of self-haul vehicles (200 vehicles x 0.5 tons/vehicle) and roll-off trucks (70 x 5.0 tons/vehicle) to generate an overall daytime traffic of 292 vehicles (including 2 transfer vehicles, between 6:00 AM and 6:00 PM). We have disbursed this traffic, including typical morning and afternoon peaks for this type of recycling facility, and analyzed the expected peak volume of vehicles stacking at the scales in Table B--2. We have considered that up to 25% of the hourly traffic – as defined by specific vehicle type – may arrive at one time, and anticipate that up to 170 feet of cueing lanes will be required to prevent traffic from encroaching onto Elder Creek Road.
- Receiving and off-loading — Tables B-3 and B-4 analyze the management of vehicles using the facility and how the facility circulation is designed to process the vehicles through the weighing and load checking system, and direct them to unloading areas. Peak vehicles arriving at the facility gate are analyzed in the same proportions as that discussed above.
 - Roll-off trucks are typically contracted operators with commercial accounts, requiring no more than an average 15 seconds for processing at the scale; we have used a conservative factor of 30 seconds for each of these vehicles, estimating a total of 4 minutes needed to handle the peak of 6 vehicles per hour. A typical roll-off vehicle requires no more than 10 minutes to unload; we have designed the facility with 4 designated unloading bays, well above what is needed to manage 6 vehicles per hour.
 - Self-haul vehicles are typically a combination of small commercial vehicles, pickup trucks and a few cars, with a mix of towed trailers. Multiple surveys conducted at like facilities indicate approximate scale time of two minutes, allowing over the expected peak of 18 vehicles to be weighed in one hour. Self-haul loads are typically unloaded in under 15 minutes and the facility has been designed with 8 bays to manage at least 32 vehicles per hour.

- Storage — The area available in the facility (considering fire access requirements) for unloading the materials delivered, moving them into temporary surge piles, and storage of baled or loose recyclable materials and residuals. Storage areas are shown on the site plans and are limited to no more than 50' in width to enhance fire safety.
- Load out — Areas for load out of the recyclables and residuals are shown on the site plan. Vehicles loading out – typically 48' to 53' transfer trucks will be scheduled to load after hours and will have little to no impact on site traffic during receiving hours.
- Green Material Grinding – The wood grinder to be employed at the facility, a Peterson Model 7400, is capable of processing approximately 80-100 tons per hour, meaning the grinder could process the full 450 tons per day of wood and green materials received in 4.5 to 5.625 hours, well within the typical operating day.

Table B-1: Traffic Summary

for 450 tons per day (peak), 6 day per week, typical operation

TIME	EMPLOYEES		VENDORS & VISITORS		ROLL-OFF TRUCKS		SELF-HAUL WASTE LOADS		OUTBOUND TRANSFER		TOTAL TRAFFIC	
	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out
12:00 - 0:59 AM									3	3	3	3
1:00 - 1:59 AM									3	3	3	3
2:00 - 2:59 AM									3	3	3	3
3:00 - 3:59 AM		1									0	1
4:00 - 4:59 AM											0	0
5:00 - 5:59 AM	9										9	0
6:00 - 6:59 AM	1				6	6	18	18		0	25	24
7:00 - 7:59 AM					6	6	18	18		0	24	24
8:00 - 8:59 AM					6	6	18	18		0	24	24
9:00 - 9:59 PM	7		1	1	6	6	15	15	1	1	30	23
10:00 - 10:59 PM			1	1	5	5	15	15	1	1	22	22
11:00 - 11:59 PM					5	5	15	15		0	20	20
12:00 - 12:59 PM					5	5	15	15		0	20	20
1:00 - 1:59 PM					6	6	15	15		0	21	21
2:00 - 2:59 PM					7	7	17	17		0	24	24
3:00 - 3:59 PM					7	7	18	18		0	25	25
4:00 - 4:59 PM		9			6	6	18	18		0	24	33
5:00 - 5:59 PM					5	5	18	18		0	23	23
6:00 - 6:59 PM	1	8							4	4	5	12
7:00 - 7:59 PM									4	4	4	4
8:00 - 8:59 PM									4	4	4	4
9:00 - 9:59 PM									4	4	4	4
10:00 - 10:59 PM									3	3	3	3
11:00 - 11:59 PM									3	3	3	3
TOTALS	18	18	2	2	70	70	200	200	33	33	323	323

Peak Hours

NOTES:

1. All values shown are informed estimates of peak traffic volumes and loads. Actual traffic and load values may vary.
2. Total number of employees is 18.

Table B-2: Peak Volume of Vehicles Stacking at the Scales

Vehicle Type	Vehicle Length (Feet)	Peak Vehicle Volume at any Hour	Approximate Vehicles Arriving at Same Time	Distance Required (Feet)
Roll-off	35	6	2	70
Self-haul	20	18	5 +/-	100
Transfer	63	4	0	0
Total Distance Needed				170

Bumper to bumper

Table B-3: Scale Time

Vehicle Type	Peak Vehicle Volume at any Hour	Time at Scale (Minutes)	Minutes needed to weigh vehicles on one scale in one hour
Roll-off	6	0.5	3
Self-haul	18	2.0	36
Total	24	-	39

Table B-4: Unloading Time

	Unload time minutes	per hr /bay	# bays	Total per hour capacity	Peak Vehicle Volume at any Hour
Roll-off	10	6	4	24	6
Self-haul	15	4	8	32	18
Total				56	24

Appendix C

Load Checking Training Support Materials



We do NOT accept:

- Hazardous Waste
- Putrescible Waste, or Wet Garbage
- Curbside Greenwaste
- Curbside Municipal Wastes
- Food Waste
- Gases
- Liquids, such as Paint, Oil
- Medical Waste
- Radioactive Material
- On-site Composting
- Scavenging (street waste)
- Treated Wood
- Dead Animals
- Other wastes requiring special treatment

TRAINING LOG FOR LOAD CHECKING

Business Name: **Sierra Waste Recycling & Transfer Station**
 Address: **8260 Berry Ave Sacramento CA 95828**

Employees must sign this form stating they have received load check training.

EMPLOYEE NAME	TITLE	EMPLOYEE SIGNATURE	DATE	TYPE OF TRAINING
Ajay Singh	Load Checker	<i>Ajay Singh</i>	5-6-14	Load checking*
Andrew Saetern	Load Checker	<i>Andrew Saetern</i>	5-6-14	Load checking*
Daniel Rogers	Supervisor	<i>D. Rogers</i>	5-6-14	Load checking*
Jose Luis Santos	Load Checker	<i>Jose Santos</i>	5-6-14	Load checking*
Noe Lopez	Supervisor	<i>Noe Lopez</i>	5-6-14	Load checking*
Romesh Soin	Supervisor	<i>Romesh Soin</i>	5-6-14	Load checking*
Warren Kulink	Load Checker			Load checking*
Genaro Lizarraga	Equipment Operator	<i>GENARO LIZARRAGA</i>	5-6-14	Load checking*
Miguel Camargo	Equipment Operator	<i>MIGUEL CAMARGO</i>	5-6-14	Load checking*
Oscar Camargo	Equipment Operator	<i>OSCAR CAMARGO</i>	5-6-14	Load checking*

Trainer Name: Bal Soin

Operator: Sunil Dutt

***THIS TRAINING INCLUDES:**

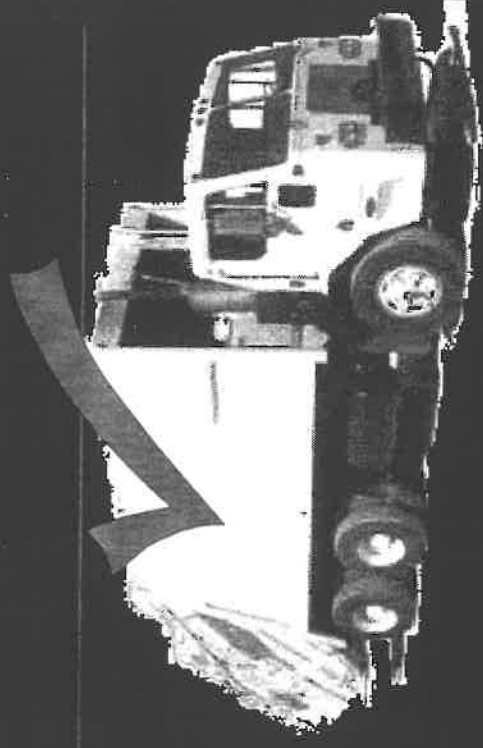
- IDENTIFICATION OF MATERIALS
- KNOWLEDGE OF ACCEPTED MATERIALS
- KNOWLEDGE OF UNACCEPTED MATERIALS
- HANDLEING INSTRUCTIONS FOR ALL MATERIALS
- PROCEDURES FOR REFUSING LOADS
- DOCUMENTATION FOR ALL REFUSED LOADS
- DOCUMENTATION FOR SPECIAL OCCURANCES
- DOCUMENTATION FOR SPOT CHECKING

Load Checking Training



Load Checking

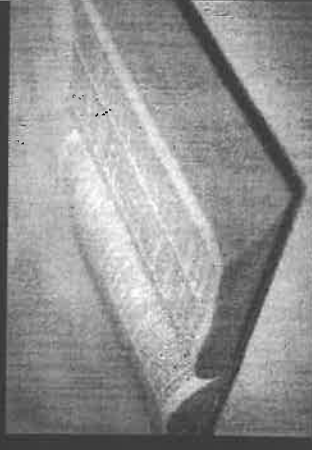
- What is it?
- Why look?
- What to look for?
- What do you do with it?



Load Checking Definition

(NOT REGULATORY DEFINITION)

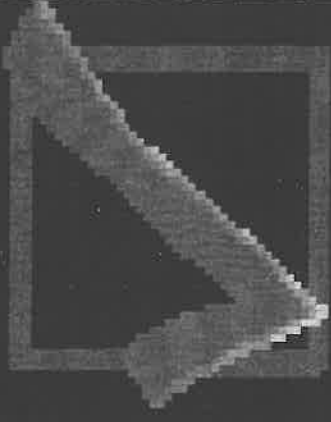
- A best efforts program to prevent hazardous and other prohibited materials from being accepted at a solid waste facility or operation
- Also known as
 - Waste screening
 - Hazardous waste exclusion



Load Checking Fundamentals

- Best efforts to prevent prohibited wastes
- Occurs throughout the facility
- Is visible to customers
- Cannot find everything
- Cannot check every load
- Inform customers of their responsibility
- Do not confront customer

Ensure your safety



Prohibited Wastes

- Hazardous waste
- Designated waste
- Medical waste
- Radioactive
- Universal waste
- aka PROHIBITED WASTES



Universal Waste

"Universal waste" means a hazardous waste identified as a listed universal waste and is exempt from hazardous waste management requirements and, therefore, are not fully regulated as hazardous waste. [Health & Safety Code → 25123.8, CCR Title 22, →66261.9]

■ Fluorescent lights

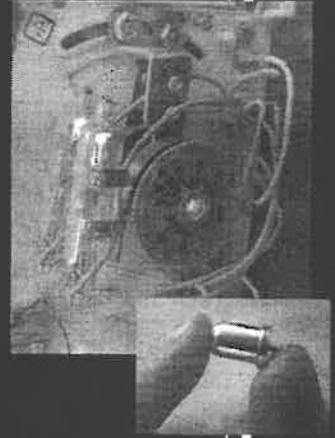
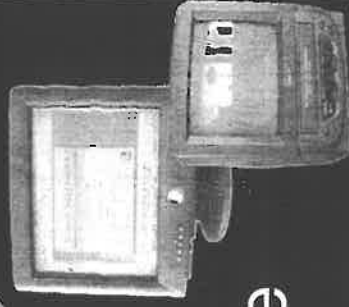
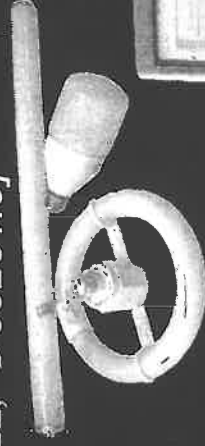
■ Batteries, dry cell

■ CRTs

■ Consumer electronic devices (CED) E-waste

■ Mercury devices

■ Aerosol cans



Medical Waste

- Regulated
- Non-regulated



Inside Red Bag



Radioactives

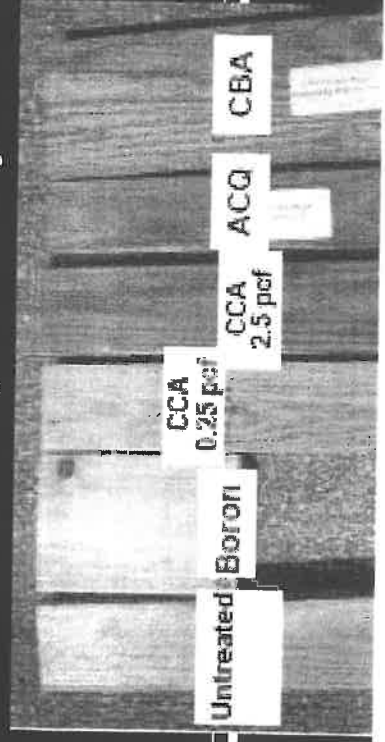
- Natural and manmade sources
- Some smoke alarms, mantles, medicine
- Photo = fiesta ware plate, radioactive rocks, heliarc welding rods, and KCl salt substitute
- Decommissioned wastes
- SWRCB landfill study - tritium





AB 1353 (Mathews) Treated Wood Ban

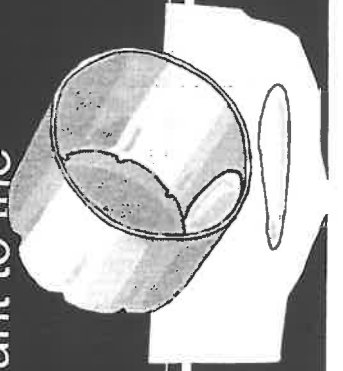
- Treated wood is wood treated with a chemical preservative to protect against attacks from insects, microorganisms, fungi, and other environmental conditions that can lead to the decay of the wood and the chemical preservative is registered under FIFRA.
- On January 1, 2005 all existing variances were inoperative.
- Emergency regulations require treated wood waste to be disposed of in either a class I hazardous waste landfill or in a composite-lined portion of a solid waste landfill unit that accepts designated wastes or treated wood is specifically listed in the WDR



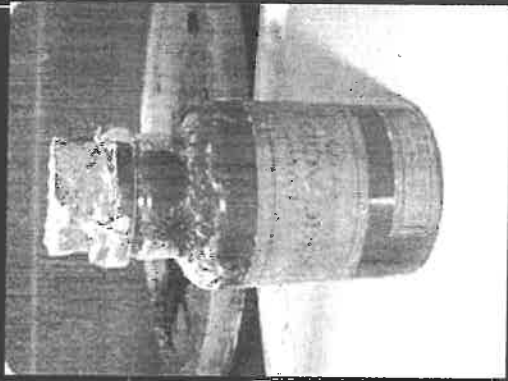
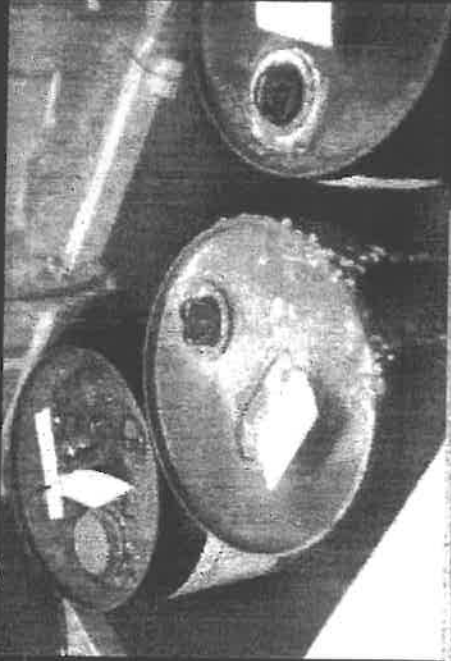
“Empty” means:

- No hazardous material can be poured or drained ... when the container or inner liner is held in any orientation (e.g., tilted, inverted, etc.)
- No hazardous material remains in or on the container that can feasibly be removed by physical methods (A thin uniform layer or dried material or powder is considered acceptable)
- Emptied household hazardous material and pesticide container, of five gallon or less in capacity
(Not including used oil filters and PCB containers)
- A compressed gas cylinder is exempt from regulation ... when the pressure in the container approaches atmospheric pressure.
- Aerosol containers are exempt from regulation ... if the aerosol container was emptied of the contents and propellant to the maximum extent practical under normal use

~~CCR Title 22, §66261.7, Contaminated Containers.~~



Dangerous Containers

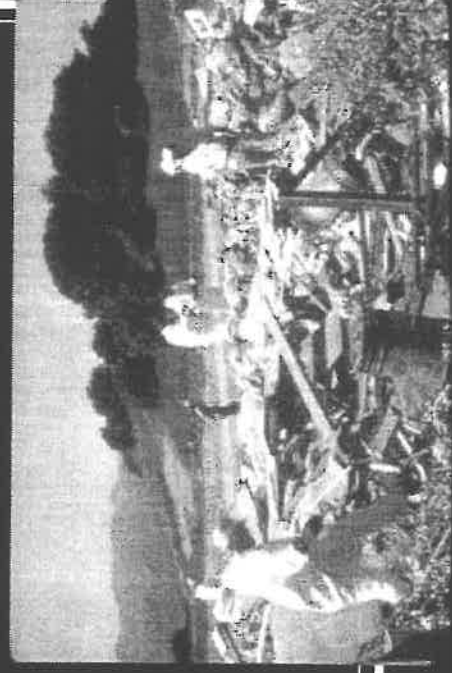
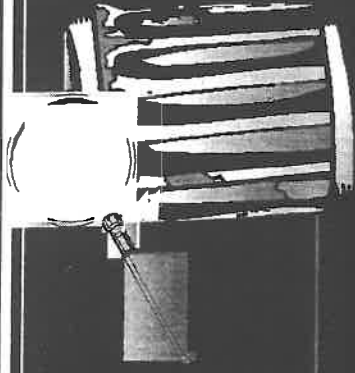


Picric acid crystals
Highly unstable!



Waste Inspection

- More intense review of a select load
 - Open bags
 - Check most of load
- Frequency varies
- DOCUMENT



Waste Inspection Procedures

- Watch out for vehicles moving nearby
- Stay away from the back of the vehicle when the driver opens the back
- Attempt to examine the back of the load from a safe angle before the load dumps
 - If prohibited wastes are visible, you may need to instruct the driver that the load is unacceptable

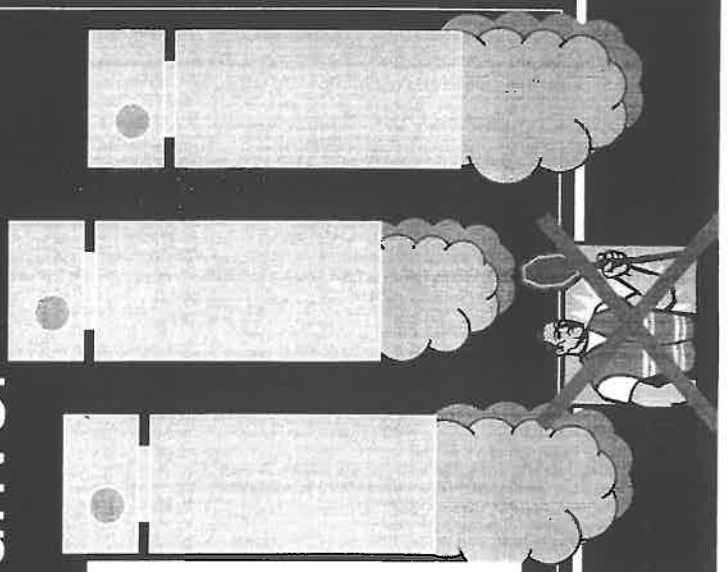


Inspection Location

- SAFETY FIRST
- Stay to the side of the vehicle
- Maintain eye contact with the driver
- Do not approach the vehicle until unloading is complete



Driver line of sight

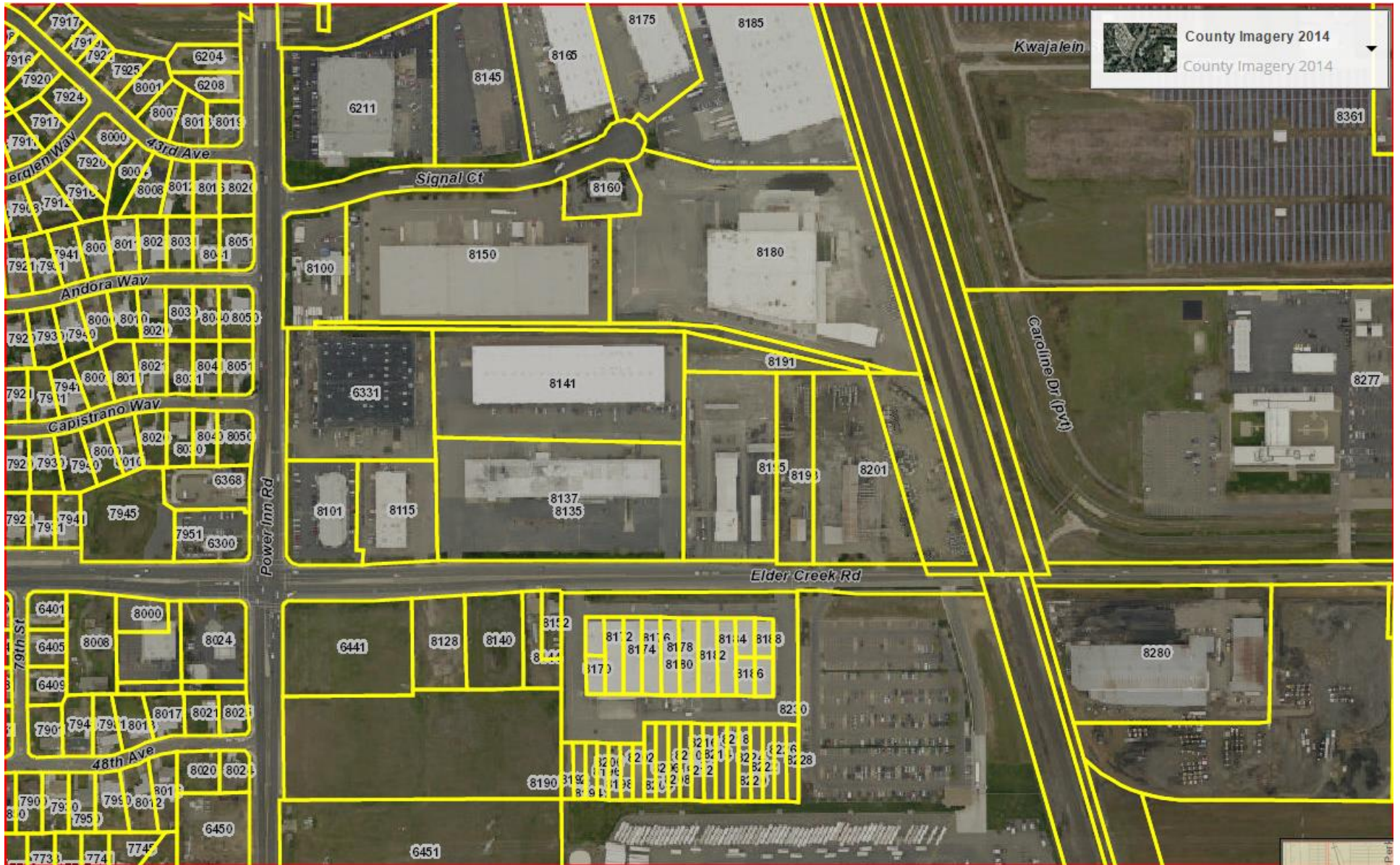


Appendix D

Properties within 1,000 Feet of the Facility Property Line



Properties within 1,000 Feet of the Facility Property Line



APN	Address	LandUseCode	Zoning
038-0151-005-0000	6204 POWER INN RD	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0151-006-0000	7925 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0151-008-0000	7917 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0151-009-0000	7913 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0151-010-0000	7909 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0151-019-0000	LEMON HILL AVE	WFAC0A	R-1 - Single Family Residential 6-8 Units/Acre
038-0151-020-0000	POWER INN RD	WDAC0A	R-1 - Single Family Residential 6-8 Units/Acre
038-0151-021-0000	7919 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0151-022-0000	7921 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0152-002-0000	7908 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0152-003-0000	7916 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0152-004-0000	7920 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0152-005-0000	6221 SUN RIVER DR	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0242-001-0000	7924 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0242-002-0000	7917 ELDERGLEN WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0242-003-0000	7911 ELDERGLEN WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0242-004-0000	7905 ELDERGLEN WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0242-006-0000	6223 SUN RIVER DR	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0243-001-0000	6208 POWER INN RD	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0243-002-0000	8019 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0243-003-0000	8013 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0243-004-0000	8007 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0243-005-0000	8001 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-002-0000	7904 ELDERGLEN WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-003-0000	7908 ELDERGLEN WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-004-0000	7912 ELDERGLEN WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-005-0000	7916 ELDERGLEN WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-006-0000	7920 ELDERGLEN WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-007-0000	8000 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-008-0000	8004 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-009-0000	8008 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-010-0000	8012 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-011-0000	8016 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0244-012-0000	8020 43RD AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre

038-0273-011-0000	8050 CAPISTRANO WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0273-013-0000	7941 ELDER CREEK RD	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0273-014-0000	7931 ELDER CREEK RD	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0273-015-0000	7921 ELDER CREEK RD	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
038-0273-022-0000	6300 power inn RD	BCE00A	C-2 - General Commercial
038-0273-023-0000	7945 ELDER CREEK RD	IBEDFA	C-2 - General Commercial
038-0273-024-0000	6368 POWER INN RD	BCE00A	C-2 - General Commercial
038-0280-010-0000	6165 POWER INN RD	WDAC0A	M-2S - Heavy Industrial - Site Improvements
038-0280-011-0000	POWER INN RD	WDAC0A	M-2S - Heavy Industrial - Site Improvements
038-0280-016-0000	POWER INN RD	MSMALA	M-2S - Heavy Industrial - Site Improvements
038-0280-024-0000	POWER INN RD	WDAC0A	M-2S - Heavy Industrial - Site Improvements
038-0290-004-0000	8191 ELDER CREEK RD	GDOC0A	M-2S - Heavy Industrial - Site Improvements
038-0290-006-0000	8201 ELDER CREEK RD	GCDC0A	M-2S - Heavy Industrial - Site Improvements
038-0290-007-0000	8195 ELDER CREEK RD	GCDC0A	M-2S - Heavy Industrial - Site Improvements
038-0290-016-0000	8191 ELDER CREEK RD	GCDA0A	M-2S - Heavy Industrial - Site Improvements
038-0290-021-0000	8101 ELDER CREEK RD # K	GCOCBA	M-1S - Light Industrial - Site Improvements
038-0290-022-0000	6331 POWER INN RD	GCKC0A	M-1S - Light Industrial - Site Improvements
038-0290-023-0000	8115 ELDER CREEK RD	GCOC0A	M-1S - Light Industrial - Site Improvements
038-0290-024-0000	8141 ELDER CREEK RD	GCJC0A	M-2S - Heavy Industrial - Site Improvements
038-0290-025-0000	8137 ELDER CREEK RD	CGAC0A	M-2S - Heavy Industrial - Site Improvements
038-0302-007-0000	6161 POWER INN RD	GACC0A	M-1S - Light Industrial - Site Improvements
038-0302-008-0000	INDUSTRIAL PKWY	WDAC0A	M-2S - Heavy Industrial - Site Improvements
038-0302-009-0000	INDUSTRIAL PKWY	WDAC0A	M-2S - Heavy Industrial - Site Improvements
038-0320-001-0000	6211 POWER INN RD	GCAA0A	M-1S - Light Industrial - Site Improvements
038-0320-002-0000	8145 SIGNAL CT # D	GMG00A	M-1S - Light Industrial - Site Improvements
038-0320-003-0000	8165 SIGNAL CT	GCGB0A	M-1S - Light Industrial - Site Improvements
038-0320-008-0000	POWER INN RD	WHCC0A	M-2S - Heavy Industrial - Site Improvements
038-0320-015-0000	8100 SIGNAL CT	GAAA0A	M-1S - Light Industrial - Site Improvements
038-0320-017-0000	POWER INN RD	GCAA02	
038-0320-019-0000	8175 SIGNAL CT	GC0B0A	M-2S - Heavy Industrial - Site Improvements
038-0320-020-0000	8185 SIGNAL CT	GCAB0A	M-2S - Heavy Industrial - Site Improvements
038-0320-021-0000	8160 SIGNAL CT	CAB00A	M-1S - Light Industrial - Site Improvements
038-0320-022-0000	8150 SIGNAL CT	GCGB0A	M-1S - Light Industrial - Site Improvements
038-0320-023-0000	8180 SIGNAL CT	GCAA0A	M-2S - Heavy Industrial - Site Improvements
040-0062-001-0000	6400 79TH ST	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre

040-0062-002-0000	6404 79TH ST	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0062-003-0000	6408 79TH ST	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0062-004-0000	7861 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0063-009-0000	7850 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0063-010-0000	7900 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0063-011-0000	7930 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0063-012-0000	7950 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0063-013-0000	7990 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0063-014-0000	8012 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0063-015-0000	8016 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0063-016-0000	8020 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0063-017-0000	8024 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0063-018-0000	POWER INN RD	WGAC0A	
040-0064-002-0000	8000 ELDER CREEK RD	CBA00A	C-2 - General Commercial
040-0064-005-0000	8021 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0064-006-0000	8017 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0064-007-0000	8013 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0064-008-0000	7981 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0064-009-0000	7941 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0064-010-0000	7901 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0064-011-0000	6409 79TH ST	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0064-012-0000	6405 79TH ST	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0064-013-0000	6401 79TH ST	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0064-015-0000	8008 ELDER CREEK RD	A1B00A	C-2 - General Commercial
040-0064-019-0000	8024 ELDER CREEK RD	BFA002	C-2 - General Commercial
040-0064-020-0000	ELDER CREEK RD	CBA00A	C-2 - General Commercial
040-0064-021-0000	8024 ELDER CREEK RD	BFA0BA	C-2 - General Commercial
040-0064-022-0000	ELDER CREEK RD	CBA00A	C-2 - General Commercial
040-0064-024-0000	8025 48TH AVE	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0081-008-0000	7729 VALLECITOS WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0081-009-0000	7733 VALLECITOS WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0081-010-0000	7737 VALLECITOS WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0081-011-0000	7741 VALLECITOS WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0081-012-0000	7745 VALLECITOS WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre
040-0081-013-0000	7749 VALLECITOS WAY	A1A00A	R-1 - Single Family Residential 6-8 Units/Acre

040-0101-001-0000	6451 POWER INN RD	IGFBFA	M-1S - Light Industrial - Site Improvements
040-0101-003-0000	8128 ELDER CREEK RD	WDAOOA	M-1S - Light Industrial - Site Improvements
040-0101-009-0000	8152 ELDER CREEK RD	A1B00A	M-1S - Light Industrial - Site Improvements
040-0101-012-0000	6441 POWER INN RD	BDB00A	M-1S - Light Industrial - Site Improvements
040-0101-013-0000	POWER INN RD	IGFBFA	M-1S - Light Industrial - Site Improvements
040-0101-019-0000	8144 ELDER CREEK RD	A1B00A	M-1S - Light Industrial - Site Improvements
040-0101-020-0000	8140 ELDER CREEK RD	IGEDFA	M-1S - Light Industrial - Site Improvements
040-0111-008-0000	8205 BERRY AVE	GFKCOE	M-2S - Heavy Industrial - Site Improvements
040-0111-009-0000	8170 ELDER CREEK RD	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-010-0000	8170 ELDER CREEK RD # 2	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-011-0000	8172 ELDER CREEK RD # 3	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-012-0000	8174 ELDER CREEK RD	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-013-0000	8176 ELDER CREEK RD	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-014-0000	8178 ELDER CREEK RD # 6	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-015-0000	8180 ELDER CREEK RD # 1	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-016-0000	8182 ELDER CREEK RD # 8	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-017-0000	8184 ELDER CREEK RD	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-019-0000	8188 ELDER CREEK RD	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-020-0000	8188 ELDER CREEK RD # 11	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-021-0000	8190 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-022-0000	8192 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-023-0000	8194 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-024-0000	8196 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-025-0000	8198 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-026-0000	8200 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-027-0000	8202 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-028-0000	8204 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-029-0000	8206 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-030-0000	8208 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-031-0000	8210 ELDER CREEK RD	IGEDFA	M-2S - Heavy Industrial - Site Improvements
040-0111-032-0000	8212 ELDER CREEK RD	IGEDFA	M-2S - Heavy Industrial - Site Improvements
040-0111-033-0000	8214 ELDER CREEK RD	IGECMA	M-2S - Heavy Industrial - Site Improvements
040-0111-034-0000	8216 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-035-0000	8218 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-036-0000	8220 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements

040-0111-037-0000	8222 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-038-0000	8224 ELDER CREEK RD	IGEDFA	M-2S - Heavy Industrial - Site Improvements
040-0111-039-0000	8226 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-040-0000	8228 ELDER CREEK RD	IGECFA	M-2S - Heavy Industrial - Site Improvements
040-0111-041-0000	8186 ELDER CREEK RD	GQ0X0A	M-2S - Heavy Industrial - Site Improvements
040-0111-042-0000	8186 ELDER CREEK RD	GCAX0A	M-2S - Heavy Industrial - Site Improvements
040-0111-043-0000	8186 ELDER CREEK RD # 10A	GCAX0A	M-2S - Heavy Industrial - Site Improvements
062-0010-002-0000	FRUITRIDGE RD	WHCC0A	A-OS-SPD; M-2-SPD
062-0010-006-0000	FRUITRIDGE RD	WHCC0A	A-OS-SPD; M-2-SPD
062-0010-011-0000	ELDER CREEK RD	IGFEMB	M-2 - Heavy Industrial
062-0010-013-0000	ELDER CREEK RD	IGEBFA	M-2 - Heavy Industrial
062-0010-038-0000	8361 GILBERT ST	GAGAMA	A-OS-SPD; M-2-SPD
062-0010-039-0000	8277 ELDER CREEK RD BLDG 1	GCGC0A	M-2-SPD - Heavy Industrial/Special Planning District
064-0010-002-0000	ELDER CREEK RD	MSMALA	M-2S - Heavy Industrial - Site Improvements
064-0010-028-0000	8280 ELDER CREEK RD	GABCOA	M-2S - Heavy Industrial - Site Improvements
064-0010-053-0000	ELDER CREEK RD	IGGBEA	M-2S - Heavy Industrial - Site Improvements
064-0010-054-0000	ELDER CREEK RD	IGEBEA	M-2S - Heavy Industrial - Site Improvements
064-0010-061-0000	8400 ROVANA CIR	IGBDMA	M-2S - Heavy Industrial - Site Improvements
064-0010-095-0000	ELDER CREEK RD	WHA00A	M-2S - Heavy Industrial - Site Improvements
064-0010-133-0000	ROVANA CIR	GCGBOA	M-2S - Heavy Industrial - Site Improvements