September 25, 2018

Wing Suen, Senior REHS
Alameda County Dept. of Environmental Health
Office of Solid/Medical Waste
1131 Harbor Bay Parkway
Alameda, CA 94502

Subject: Facility Plan for 1820 10th Street, Oakland CA

Dear Wing Suen,

This letter is to provide an overview of updates made to the Draft Registration Solid Waste Facility Permit Application package for the California Waste Solutions (CWS) 10th Street Recycling Facility located at 1820 10th Street, Oakland, CA 94607, which was submitted by CWS on September 14, 2018, to the Alameda County Department of Environmental Health, the Local Enforcement Agency (LEA) for CalRecycle. After both email and phone discussions with the LEA, the changes listed below were incorporated.

A. Registration Permit Application Form

1. The signature and signature date have been updated to September 25, 2018.

Facility Plan

1. The date on the cover page has been updated to be September 25, 2018.

Figures

1. The dates on Figures 1 to 5 have been updated to September 20, 2018.
2. Figure 3:
    a. Dimensions for lengths and areas have been corrected.
    b. The scale has been removed and the figure is now labeled Not to Scale (NTS).
3. Figure 4:
    a. Dimensions for lengths have been corrected.
    b. The square footage labels for areas at the MRF have been removed.
    c. The scale has been removed and the figure is now labeled Not to Scale (NTS).
4. Figure 5:
    a. The square footage labels for the MRF and Office Building have been removed.
    b. The scale has been removed and the figure is now labeled Not to Scale (NTS).

Sincerely,

Tim Raibley, P.E.
Vice President

State of California - CIWMB Form 83 (rev. 12/96) California Integrated Waste Management Board

Registration Permit Application

Facility Name: **California Waste Solutions 10th Street Recycling Facility**

Address/Location: **1820 10th Street**
Oakland, CA 94607

Phone Number: **(510) 832-8111**

Facility Operator: **California Waste Solutions, Inc.**	Land Owner: **California Waste Solutions, Inc.**
Mailing Address: **1820 10th Street** **Oakland, CA 94607**	Mailing Address: **1820 10th Street** **Oakland, CA 94607**
Address Where Process May be Served: **1820 10th Street** **Oakland, CA 94607**	Address Where Process May be Served: **1820 10th Street** **Oakland, CA 94607**
Phone Number: **(510) 832-8111**	Phone Number: **(510) 832-8111**

Facility Information:

Section Authorizing Eligibility: **14CCR 17403.6 Medium Volume Transfer/Processing Facilities**

Volume and Type of Waste/Materials(s) Handled: **Source-separated recyclables**

Site Capacity: **up to 100 Tons/Day**
Peak Loading: **up to 100 Tons /Day**
Annual Loading: **36,200 Tons/Year**

Days and Hours of Operation: **Monday through Sunday, 6:00 AM to 9:00 PM; closed New Year's Day, Thanksgiving, and Christmas Day.**

Facility Size: **2.11 Acres**
Operating Area: **2.11 Acres**

Traffic:
Incoming Waste Material: **40 Vehicles Per Day**
Outgoing Waste Material: **15 Vehicles Per Day**

One of the Following Statements Must be Checked:

[ ] The facility is identified and described in or conforms with the County Solid Waste Management Plan, or otherwise complies with Public Resources Code 50000; and the facility is consistent with the city or county General Plan.

[X] The facility is identified in either the countywide siting element, the nondisposal facility element, or in the source reduction and recycling element for the jurisdictions in which it is located ;or that the facility is not required to be identified in any of these elements pursuant to section 50001 of the Public Resources Code.

I hereby acknowledge that I have read this application, and certify under penalty of perjury that the information provided is true and accurate. In operating the facility, I agree to comply with the conditions of the permit and with federal, state, and local enactments.

Signature of Land Owner: _____ Date: 9/25/2018

Signature of Operator: _____ Date: 9/25/2018

This application must be accompanied by a ✓ General Description ✓ Site Plan, and ✓ Location Map.

Enforcement Agency Name and Address:	FOR ENFORCEMENT AGENCY USE ONLY
Alameda County Department of Environmental Health **1131 Harbor Bay Parkway** **Alameda, CA 94502**	Date received: Date approved: Date rejected: Filing Fee: SWIS #:

Facility Plan

CALIFORNIA WASTE SOLUTIONS

1820 10th Street

Oakland, California

Submitted to:

Local Enforcement Agency
Alameda County Department of Environmental Health

September 25, 2018

Prepared for:
California Waste Solutions
1820 10th Street
Oakland, CA

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Facility Plan

10TH ST. RECYCLING FACILITY

at

1820 10th Street, Oakland CA

September 2018

INTRODUCTION

This Facility Plan is submitted in conjunction with an application for a new Registration Solid Waste Facility Permit (SWFP) for the California Waste Solutions (CWS) 10th Street Recycling Facility, an existing facility located at 1820 10th Street, Oakland, California (Recycling Facility or facility). The activities conducted at the Recycling Facility are currently permitted through a Use Permit (CM92-222) issued along with Conditions of Approval from the City of Oakland Planning Commission.[1] In Negative Declaration ER92-69 in compliance with the California Environmental Quality Act (CEQA), Planning and Zoning Division (PZD), as the lead agency, conducted an initial study of potential environmental impacts of the project and prepared a Mitigated Negative Declaration (MND) identifying Mitigation and Monitoring Measures designed to reduce any potential impacts below a level of significance. All of the mitigation measures identified in the initial study were incorporated into the Conditions of Approval for the Use Permit. A copy of the Use Permit and the Conditions of Approval with Mitigation and Monitoring Measures are provided in Appendix 1. The activities conducted at the Recycling Facility are described in the City of Oakland Non-Disposal Facility Element (NDFE). A copy of the NDFE is also included in Appendix 1.

This Facility Plan describes the existing design and operation of the facility as it currently has been operating, as a Recycling Facility under SWIS No. 01-AA-0324 and City Use Permit CM92-222. Although no changes to the Use Permit are being requested as part of this SWFP process, the applicant understands a change to the Zoning is needed. The Recycling Facility accepts and processes material that has been separated for reuse, including source-separated recyclables from residential and commercial customers in the company's collection service areas. The Recycling Facility receives, separates, and prepares recyclable material for end-use markets. Even though the material received at this facility consists of source-separated recyclables, both commercial and residential customers are known to place some waste materials in the recycling containers. In addition, some packaging materials are delivered on pallets, giving the impression of construction and demolition materials.

[1] The current permit is for a Recycling Facility, Use Permit for the facility CM92-222.

This behavior is beyond the control of the Recycling Facility Operator. However, this Facility Plan addresses the procedures the Recycling Facility employs to remove non-recyclables from the arriving materials. Consequently, this Registration SWFP application is for a Medium Volume Transfer/Processing Facility. Any non-recyclable residual material remaining after processing is transported to the Potrero Hills Landfill, or another regional landfill, for disposal. The Recycling Facility is not permitted to receive loads of mixed municipal solid waste, bulky waste (furniture, mattresses, etc.), construction and demolition material, pressure treated lumber, waste tires, scrap metal, white goods/appliances, biosolids, green, food or wood waste for any purpose including processing or transfer to disposal.

The Operator of the facility, CWS, Inc., is seeking a new Registration SWFP to be in compliance with the state requirements as brought to CWS attention by way of recent correspondence from the Alameda County Department of Environmental Health, acting as the local enforcement agency (LEA) of the California Department of Resources Recycling and Recovery (CalRecycle).[2] The LEA stated its determination that the Recycling Facility "Has a residual greater than 10% and has failed to meet the requirements of a Recycling Center under California Code of Regulations (CCR) Title 14, Section 17402.5 and is therefore subject to the Transfer/Processing requirements under CCR Title 14, Article 6.0." The residue generated by the facility is determined by the amount of waste material incorrectly placed in recycling containers by residential and commercial customers. Heavy, above-average rainfall amounts also increase the residual material weight through the addition of water absorbed by the material prior to arrival at the Recycling Facility.

This Facility Plan, and SWFP application package, are being submitted to the Regional Water Quality Control Board (RWQCB), CalRecycle, LEA, and the City of Oakland Planning and Building Department for consideration in order to bring the Recycling Facility into compliance with applicable State regulations in a manner consistent with the facility's existing local entitlements, so as to allow for the acceptance and processing of recyclable streams that may have contamination or residual levels above the thresholds, which is beyond the control of the Facility. As a consequence, this Facility Plan and SWFP application package are being submitted as a Medium Volume Transfer/Processing Facility pursuant to CCR Title 14 §18221.5.

Guidance for the preparation of this Facility Plan is found in the CCR Title 14, Division 7, Chapter 5, Article 3.2 §18221.5 and Chapter 3, Articles 6.1 through 6.35, §17406.1 through §17419.2 (see Appendix 2).

[2] Alameda County Department of Environmental Health, May 11, 2017, June 15, 2017, June 23, 2017, and July 6, 2017.

A. FACILITY OWNER & OPERATOR [14 CCR 18221.5(a)]

This Facility Plan describes the siting, design, and operation of the Recycling Facility, which is seeking a new SWFP under the tiered classification of a Medium Volume Transfer/Processing Facility.

The Recycling Facility address is 1820 10th Street, Oakland, CA 94607.

The Owner's contact information is as follows:

California Waste Solutions, Inc.
Mailing & Business Address: 1820 10th Street, Oakland, CA 94607
Telephone: (510) 832 8111

CWS is also the Operator of the Recycling Facility.

B. SCHEMATIC DRAWING – FACILITY LAYOUT [14 CCR 18221.5(b)]

As identified on the Site Location Map (Figure 1), the Recycling Facility is located at 1820 10th Street, in the City of Oakland, California. The MRF operations are situated on a 2.11 acre facility which includes administrative offices and is zoned CIX-1B/S-19.The Recycling Facility includes APN 6-29-3-2 (2.11 acres). . It lies within the southeast 1/4 of Township 1S, Range 4W, Section 28, Mt. Diablo Baseline & Meridian. The facility layout is identified on the Site Plan (Figure 3).

The parcel across 10th Street is located in the same zoning designation. The parcels to the east of the site (east side of Pine Street) are zoned HBX-2. The parcels south of the Recycling Facility and on the west side of Pine Street are zoned RM-2. The parcel located north of the site (across 11th Street) is zoned D-WS-2. The vacant/parking areas west of the site (boarding the Frontage Road parallel to Interstate 880) is zoned D-WS-1. The Site Location Map (Figure 2) also identifies the surrounding land uses and other structures adjacent to the facility. The closest residence is located approximately 50 feet to the east of the site on Pine Street.

A schematic drawing of the main building and other structures at the site showing facility layout and general dimensions of the operations area are illustrated in the Site Plan (Figure 3), the Floor Plan (Figure 4) and the Traffic Circulation Plan (Figure 5).

C. FACILITY ACTIVITIES [14 CCR 18221.5(c)]

The Recycling Facility accepts and processes material that has been separated for reuse, including source-separated recyclables from residential and commercial customers. The facility is not open to the general public and as such, solicits and processes recyclable materials collected and/or handled by the company affiliated entities. The facility receives, separates, and prepares recyclable material (paper, cardboard, paperboard, glass, aluminum, tin, steel, rigid plastics, film plastics, and

plastic containers) for end-use markets, including source-separated recyclables from residential and commercial customers. In addition, some packaging materials are delivered on pallets, giving the impression of construction and demolition materials. Most pallets are taken to a biomass plant, but some pallets are returned to customers if requested. Household batteries, used motor oil, and used oil filters are collected by CWS as part of a residential franchise recycling collection program, but are not put in recycling containers. These materials are collected by the same trucks but kept separate from recyclable material at all times, and are delivered to 1819 10th Street, Oakland, California. Any used motor oil received through the recycling collection program is in accordance with Section 25250.11 of the California Health and Safety Code, and is stored in a waste oil tank located in the vehicle maintenance facility at 1819 10th Street, Oakland, California, identified on the Site Plan (Figure 3), and emptied by a certified oil recycling company.

Any non-recyclable residual material remaining after processing is transported to the Potrero Hills Landfill, or another regional landfill, for disposal. The facility is not permitted to receive and does not intend to receive loads of mixed municipal solid waste, bulky waste (furniture, mattresses, etc.), construction and demolition material, pressure treated lumber, waste tires, scrap metal, white goods/appliances, biosolids, green, food or wood waste for any purpose, including processing or transfer to disposal.

The Site Plan (Figure 3) shows the buildings and structures, including the layout and general dimensions of the operations, storage, loading, and adjacent parking areas. The Floor Plan (Figure 4) shows the layout of the Recycling Facility with the location of the tipping area, sorting lines, baler, bale storage, and loading areas.

Collection trucks enter the facility from 11th Street. As the trucks enter the yard, they weigh in at the scale. After being weighed, trucks will be directed to the tipping floor to empty its contents. All loose material will be dumped onto the facility tipping floor. Once empty, the trucks weigh out, and exit the facility using the same driveway. Trucks with stored tare weights exit the facility without returning to the scale. Travel routes for all vehicles at the site are shown in the Traffic Circulation Plan (Figure 5).

After the materials are unloaded at the facility, the loader operator observes the loads as they are dumped onto the tipping floor looking for any incidental hazardous or other unacceptable material. Planned procedures are in place for handling, separating, and temporarily storing unauthorized hazardous wastes that are discovered on the recycling facility floor as part of the Load Check Program discussed further in Section 20 of this Facility Plan.

Materials delivered to the tipping area are loaded onto the infeed conveyor that delivers them to the first manual sorting station; at this point the CWS employees manually remove large cardboard, metals, rigid and film plastics for recycling, as well as non-recyclable trash for disposal, from the line and deposit them in bunkers below.

After this first phase, the materials automatically continue to a mechanical screen for further sorting, which removes the plastic containers as well as assorted tin and glass. After the mechanical screens, the materials continue to the second manual sorting station, where further non-paper products (cardboard, rigid plastics, aluminum, tin, metals, and trash) are removed.

At the end of the line, after passing over another mechanical screen, glass fines are collected and moved to a bunker for staging prior to being picked up by the buyer(s), and are removed within 48 hours. In order to minimize contaminants, the piles of glass fines are raked on a regular basis. This allows staff to capture larger pieces of residuals or recyclables that have made it through the sorting system with the glass fines.

As products are removed from the sort lines, they are placed into bunkers until sufficient quantities of specific material types are reached. Then, operators control and assign the commodities for baling by product type. Residuals are also bunkered as they are removed, then baled and shipped off to landfill.

Certain materials (typically source-separated recyclables such as cardboard) are directly loaded onto the baler in-feed conveyor, by-passing the sorting line.

The facility also receives small electronic devices (no TVs or monitors) from curbside recycling programs. Some small electronic devices are also handled separately. CWS staff looks for and removes any electronics found in mixed materials received. This includes every manual sorting step of processing: pre-sort on the tipping floor, first manual sorting line and second manual sorting line. Small electronic devices are stored in the storage building for removal by a certified e-waste processor.

D. HOURS OF OPERATION [14 CCR 18221.5(d)]

The Recycling facility will operate between the hours of 6 AM to 9 PM daily, except on New Year's Day, Thanksgiving, and Christmas, when the facility will be closed. This equates to 15 hours per day, 7 days per week, 362 days per year.

The facility has a general operating plan for one 15-hour processing shift 7 days per week. The processing schedule may vary depending on volumes of incoming material to be processed. Routine equipment maintenance and cleaning shall be accomplished during the scheduled non-operating hours of the day. The start of the operating day for purposes of calculating the amount of material received per day shall be 6 AM each calendar day.

E. TOTAL ACREAGE [14 CCR 18221.5(e)]

The facility is situated on a 2.11 acre site as shown the Site Plan (Figure 3). The legal description of site boundary is lying within the southeast 1/4 of Township 1S, Range 4W, Section 28, Mt. Diablo Baseline & Meridian.

F. FACILITY DESIGN CAPACITY [14 CCR 18221.5(f)]

This section identifies the overall design capacity of the facility, including the assumptions, methods, and calculations performed to determine the total design capacity. Although the facility will be permitted to process less than 100 tons per day, the facility is designed to operate at an average throughput capacity of 20 tons per hour (tph), operating for one 15-hour shift per day, which equates to 300 tons per day.

To accommodate peak loading conditions, the following are examples of measures that will be implemented to alleviate short-term issues:

- Loading of transfer trailers and flatbeds at the loading dock occur as quickly as possible.
- The site is closed to the public, which will be informed to seek other facilities should they come to the site.
- Increasing the hours of processing (if the processing activities of the Recycling Facility are not already operating 15 hours per day).
- If the facility has already reached the permitted maximum daily tonnage, incoming loads in trucks that meet the requirements for sealed containers (see 14 CCR 17402) will be temporarily diverted to the adjacent, separate Sealed Container Transfer Operation at the parking lot of 1820 10th Street, where they will remain no longer than 96 hours.

Additional information regarding the facility's base tonnages is provided in Section G.2., below. The 10-year projected load capacity is not expected to exceed the design capacity.

1. Facility Processing Design Capacity:

Design considerations which were used to determine the maximum capacity of the facility included waste delivery vehicle queuing area, time required to unload waste and exit the facility, on- and off-site traffic flow patterns and capacities, inspection of waste material, sorting and processing capacities, preparation of recovered materials for market, load out of recovered materials and residual waste, maintenance area, downtime due to scheduled and nonscheduled maintenance and repairs, management of unacceptable materials, and general site configuration.

Equipment is adequate in type, capacity, and number, and sufficiently maintained to allow the facility to meet the conditions of all pertinent permits, laws, rules, and regulations. The facility has an average overall throughput design capacity of approximately 20 tph. Based on this capacity, the permitted hours of operation of 15 hours per day, 7 days per week, and the facility's peak operating plan for processing 15 hours per day, 7 days per week, the facility would have a potential peak overall throughput capacity of up to 300 tons per day (tpd) or 108,600 tons per year, assuming

the facility is closed on New Year's Day, Thanksgiving, and Christmas, calculated as follows:

- *(15 hrs/day)(20 tph) = 300 tons per day*
- *(300 tpd) x 362 days/year = 108,600 tons per year*

2. Permitted and Peak Volume Assumptions:

The design calculations are based on recycling trucks arriving throughout the day but generally concentrated in the hours between 8 AM and 6 PM. Recyclables collection vehicles are anticipated to be a wide mix of commercial trucks, such as compactor collection trucks, roll-offs, and end dump trucks. Assuming the average recycling collection truck carries 2.5 tons of payload per vehicle, an estimated 12 vehicles on average per hour will arrive during a peak volume period. This coincides with the design capacity of the site queuing and unloading areas, described in more detail in Section F.3.

- *300 tons / 10 hours = 30 tons per hour*
- *30 tph / 2.5 tons per vehicle = 12 collection vehicles per hour*

However, the facility will be permitted to accept less than 100 tons per day, which is well below that of the design capacity. At 100 tpd, an estimated 4 vehicles on average per hour are expected to arrive during a peak volume period.

- *100 tpd / 10 hours (assumed typical collection fleet delivery window of time per day) = 10 tons per hour*
- *10 tph / 2.5 tons per vehicle = 4 collection vehicles per hour*

3. Vehicle Weigh-in and Unloading:

The facility has been designed such that vehicle movements, weighing, and tipping, occur within the site boundaries to ensure that the facility will not interfere with or create a safety hazard on adjacent public streets or roads. There is sufficient on-site space for approximately three collection vehicles to wait prior to crossing the truck scale. Queuing space is provided after the scale and before the tipping area in the northern corner of the property. Assuming the average time of 1-minute for vehicle weigh-in, up to 60 vehicles will be able to weigh in per hour. As described above, the maximum expected number of vehicles, if the Recycling Facility were operating at peak design capacity, is 12 vehicles per hour. The maximum expected number of vehicles, if the Recycling Facility were operating at maximum permitted design capacity, is 4 vehicles per hour.

In accordance with 14 CCR 17406.2, the unloading area has been restricted to as small an area as practicable. The tipping area will accommodate up to two collection

vehicles unloading simultaneously. Typical unloading times observed throughout the industry ranges from five to ten minutes. If it is conservatively estimated that the average recycling collection truck takes approximately 10 minutes to unload, this equates to 6 vehicles unloading in each unloading space per hour, or 12 vehicles total unloading per hour using both unloading spaces. At the average payload of 2.5 tons per vehicle, the facility can expect collections trucks to unload approximately 30 tons per hour. Operating at peak design capacity, the two spaces would be able to accommodate all 12 expected vehicles. Operating at permitted capacity, the two spaces would be more than able to accommodate all 5 expected vehicles.

- *60 minutes per hour / 10 minutes per vehicle = 6 vehicles per hour*
- *6 vehicles per hour x 2 unloading spaces = 12 vehicles per hour*

At design capacity:

- *12 vehicles per peak hour arrive – 12 vehicles unloading = 0 vehicles in queue at the end of the peak hour*

At permitted capacity:

- *4 vehicles per peak hour arrive – 12 vehicles unloading = 0 vehicles in queue at the end of the peak hour*

4. Incoming Material Storage/Staging Capacity:

The tipping area for incoming material is identified on the Site Plan (Figure 3). Delivered material is conservatively anticipated to be stored at most 12 feet high with an angle of repose of up to 45 degrees. The primary in-feed material storage area is approximately 7,000 sf (as shown on the Floor Plan, Figure 4) and a storage volume of about 2,178 cu. yd. Using a density of 435 lb per cu. yd for un-compacted recyclables,[3] approximately 474 tons can be stored in this area, which is more than the quantity permitted to be received each day.

- *7,000 sf x 12 ft high/27 cf/cy x .7 angle = 2,178 cy*
- *(2,178 cy storage space)x(435 lbs per cy)/(2,000 lbs per ton) = 474 tons*

This space is adequate to accommodate the operations of trucks arriving in the morning and afternoon peaks given the expectation that half the quantity arrives in a three hour window, twice daily, even for the 300 tpd design capacity scenario.

- 300 tpd peak/2 arrival windows = 150 tons arriving over a three hour period in the late morning and again in the late afternoon (which equates to 50 tons per hour as described above).

[3] From the "FacIT Conversion Table 1 - Material Type Equivalency Factors" from the California Department of Resources Recycling and Recovery, accessible at http://www.calrecycle.ca.gov/FacIT/Conversion1.pdf. The density of Mixed Solid Waste (Uncompacted) is 0.217590909 tons/CY, which is equivalent to approximately 435 lbs/CY.

- *End of first hour: 50 tons - 20 tph processed = 30 tons in storage*
- *End of second hour: 30 tons stored + 50 tons arriving – 20 tons processed = 60 tons stored*
- *End of third hour: 60 tons stored + 50 tons arriving – 20 tons processed = 90 tons stored (less than the 4745 tons of capacity available in the tipping area)*

The storage assumptions assume the tipping floor is empty at the start of the day. However, the assumptions also assume the processing line is not operating. If the processing line is operating before the first loads arrive, about 20 tons per hour would be removed from storage, allowing for additional material to be managed.

The permitted capacity of less than 100 tpd equates to 17 tph arriving each peak hour, as described above. This is less than the 20 tph processing capacity of the sorting line, which results in little to no expected stockpiles of material on the tipping floor.

5. Bale Storage/Staging Capacity:

The main building has several designated areas for bale storage and staging. Although these areas have designations for primary purposes, some areas may shift location or primary material storage purpose based on operational needs. Baled commodities prices and storage time are dependent on market fluctuations, but the facility is operated so that on site storage capacity is not exceeded.

Inside the material recovery facility building, there is approximately 33,725 sf of bale storage and staging space available. An additional 675 sf of storage/staging space is designated outside at the loading dock, for a total available area of 34,400 sf. The bale storage/staging areas are identified on the Floor Plan (Figure 4). Some of these areas will be used for recyclable materials, and others will be used for residual materials.

It is assumed that approximately 32,100 sf of the available storage/staging space will be used as primary bale storage/staging area for recyclable materials, broken into separate subareas as shown on the Floor Plan (Figure 4). Approximately 10,000 of those sf are in two areas (3,000 sf and 7,000 sf, respectively) in the west side of the building, between the MRF sorting equipment, outgoing loading dock, and stairs to the office. Another 3,000 sf is available just south of the MRF sorting equipment. The east side of the building has 19,100 sf total in two main areas (13,800 sf and 5,300 sf, respectively) used for primary bale storage and staging.

Bale dimensions are approximately 30" high x 42" wide x 60" long (2.5′ x 3.5′ x 5′). Bales are either loaded directly onto transport vehicles or stored for subsequent transport to end-use market. Stored bales are typically stacked in rows 4 bales high. The footprint of a stack of bales is approximately 17.5 sf calculated as follows: (Bale width 3.5′ x length 5′ = 17.5 sf). Based on the 32,100 sf total area, there is enough storage/staging for approximately 7,336 bales calculated as follow:

- *32,100 sf/17.5 sf/bale = 1,834 bales per layer x 4 bales high = 7,336 bales)*

Assuming the average bale weight is 1,500 lb, 5,502 tons can conservatively be stored in the primary bale storage/staging area.

- *7,336 bales x 1,500 lb/bale / 2,000 lb/ton = 5,502 tons*

For a facility design capacity of 525 tpd, assuming only 10 percent is residue and all other materials are baled, 473 tons would be baled each day. Thus, the storage/staging areas could contain approximately eleven and a half days of processing.

- *525 tpd x 90% recovered recyclables = 473 tons recyclables baled per day*
- *5,502 tons storage capacity / 473 tpd = 11.6 days of capacity*

However, the Conditional Use Permit for the site states that "the site be used only for processing and short-term storage (five (5) days maximum) of materials" (see Appendix A). Therefore, storage time of materials will be limited to the shorter time restriction of the Conditional Use Permit.

As a contingency, provisions have been provided to allow for load-out of mixed paper in open-top trailers. A trailer is backed into the building and a reversing conveyor transfers mixed paper to the trailer instead of to the mixed paper bunker. This provision will allow continued operation for a period of time if the baler is out of service for maintenance. Additional paper container storage can be arranged as needed on the building floor. As needed, flatbed trailers can also be backed into the building to simplify load-out procedures.

6. Residual Waste Transfer:

Residual solid waste from the MRF processing line is collected, baled and loaded into transfer trailers, weighed out, and hauled to the Potrero Hills Landfill, or another regional landfill, for disposal. A transfer truck can be loaded in approximately 20 minutes, equating to three per hour. Assuming an average of 20 tons per payload for each transfer vehicle, this equates to at least 60 tons per hour. The residual volume anticipated for the facility at design capacity is 53 tons per day.

Much of the residual waste is removed from the sort line in the presort location and the fiber sort line. The storage area provides a location to stage residual waste removed from the processing line.

Although the Operator has limited control over the quantity of non-recyclable material included in loads, based on past experience, non-glass residual waste from the source-separated recyclables is expected to be less than 10 percent of the total

material processed, which could result in 53 tons per day (based on maximum design capacity of 525 tons per day).

It is assumed that approximately 2,300 sf of the available storage/staging space will be used for staging residual waste materials. This space is comprised of the outdoor bale staging area (675 sf) and additional indoor area (1,625 sf) along the northern wall of the MRF building, as shown on the Floor Plan (Figure 4). Assuming the same density of residual waste as for other baled materials (1,500 lb/bale as indicated in Section 4 above), the area will provide about 393 tons of storage space – which is more than could be used during peak volume periods because residue needs to be removed within 48 hours of arrival.

- *2,300 sf / 17.5 sf/bale = 131 bales per layer x 4 bales high = 524 bales*
- *524 bales x 1,500 lb/bale / 2000 lb/per ton = 393 tons storage capacity*

At the end of the MRF processing line, after passing over the last mechanical screen, glass and MRF fines are collected. In order to minimize contaminants, the piles of glass fines are raked on a regular basis. This allows staff to capture larger pieces of residuals or recyclables that have made it through the sorting system with the glass fines. Glass fines are moved to a bunker in the northeast corner of the MRF building, as shown on the Floor Plan (Figure 4), for staging prior to being picked up by the buyer(s). Glass is loaded out separately on the 11th Street side of the facility. Vehicles are loaded inside the facility and then exit back to 11th Street. Glass fines are removed at least once every 48 hours (usually alternating every other day per facility). Additional pick-ups are arranged as necessary based on material volumes.

G. TYPES AND DAILY QUANTITIES OF WASTE [14 CCR 18221.5(g)]

1. Material Types:

The Recycling Facility solicits, receives and processes recyclable material that has been separated for reuse, including source-separated recyclables from residential and commercial customers. The facility is not open to the general public and, as such, only solicits, receives, and processes recyclable materials collected and managed by the company and affiliated entities. The facility receives, separates, and prepares recyclable material for end-use markets. Any non-recyclable residual material remaining after processing is transported to the Potrero Hills Landfill, or another regional landfill, for disposal. Glass and MRF fines are collected and moved to a bunker for staging prior to being picked up by the buyer(s). The facility is not permitted to receive loads of mixed municipal solid waste, bulky waste (furniture, mattresses, etc.), construction and demolition material, pressure treated lumber, waste tires, scrap metal, white goods/appliances, biosolids, green, food or wood waste for any purpose including processing or transfer to disposal.

Although HHW materials (used oil, household batteries) are collected curbside, HHW materials are delivered to the adjacent vehicle maintenance facility located at 1819 10th Street. No solid waste activities occur at 1819 10th Street, Oakland site.

The facility also inadvertently receives small electronic devices (no TVs or monitors) from curbside recycling programs. Specific types of recyclable material received at the facility include but are not necessarily limited to:

- Comingled recyclables
- Newspaper
- Plastic containers
- Aluminum cans
- Steel cans
- Cardboard
- Mixed paper
- Glass bottles & jars
- Small electronic devices

2. Daily Volumes:

The Recycling Facility will be permitted to receive less than 100 tpd. The Operator has submitted weekly tonnage reports to the LEA. The data reported began on January 2014 and is ongoing. The volumes recorded and presented in Appendix 7 are based on data collected during the calendar year of 2016.

3. Vehicle Traffic:

Operating at the permit level of receiving less than 100 tpd, the Recycling Facility is expected to accept approximately 40 incoming waste material vehicles per day and 15 outgoing waste material vehicles per day. This is based on an average payload of 2.5 tons per inbound vehicle and 6.7 tons per outbound vehicle.

- *100 tpd / 2.5 tons per inbound vehicle = 40 inbound vehicles per day*
- *100 tpd / 6.7 tons per outbound vehicle = 15 outbound vehicles per day*

H. COMPLIANCE WITH STATE MINIMUM STANDARDS [14 CCR 18221.5(h), 14 CCR 17406.1 – 17419.2]

1. Siting on Landfills [14 CCR 17406.1]:

No portion of the recycling facility is located either partially or fully atop a landfill. All portions of the recycling facility and ancillary facilities are constructed on native soil.

2. General Design Requirements [14 CCR 17406.2]:

a. The design of the Recycling Facility, including the recycling processing system, has utilized expert advice, as appropriate, from persons and professional groups

competent in engineering, architecture, landscape design, traffic design, traffic engineering, air quality design, and design of structures.

b. The design of the facility was based on appropriate data regarding the expected service area, anticipated nature and quantity of materials to be received, climate factors, physical settings, adjacent land use, types and number of vehicles anticipated to enter the operation or facility, adequate off-street parking facilities for collection, commodity transport, transfer, employee and visitor vehicles, drainage control, the hours of operation, and other pertinent information. The facility will be not used by the general public, but the design of the facility took into account the safety features that may be needed to accommodate the general public.

c. The facility has been designed in such a manner as to restrict the unloading area to as small an area as practicable (Section F.3), provide adequate control of windblown material (Section H.8), minimize the propagation or attraction of flies, rodents or other vectors and the creation of nuisances by reason of recyclables and residual solid wastes being handled at the operation (Section H.12 and Section H.25). Other factors that were considered in the design of the facility include: dust control (Section H.6), noise control (Section H.10), public safety (H.14 and H.15), and other matters related to the protection of public health that might be pertinent at such a facility. The operational controls and design for each of the issues listed above are provided in detail in the corresponding sections of this Facility Plan.

d. The facility shall comply with applicable local and state requirements regarding odor control measures, personnel health and safety, and sanitary facilities. Dust control measures are described in Section H.6 of this Facility Plan. Protocols and procedures regarding employee safety are described in Section H.14 of this Facility Plan. Sanitary facilities are provided as described in Section H.17 of this Facility Plan.

e. Solid waste storage containers used at the facility shall be durable, easily cleanable, designed for safe handling, and constructed to prevent loss of wastes from the container during storage. All containers used to store garbage, other wet or liquid producing wastes, or wastes composed of fine particles, shall be non-absorbent and leak-resistant. The unloading areas are easily cleanable, designed for safe handling, and constructed to prevent loss of wastes.

3. Burning Wastes and Open Burning [14 CCR 17407.1]:

a. *Burning Wastes* – In the unlikely event burning wastes (hot loads) are received at the facility, they shall not be unloaded at the tipping floor. Rather, the load shall be unloaded in an area separated from other wastes northeast of the scale, shown as

the Fire Spread Area on the Site Plan (Figure 3), and deposited in a safe area, spread, and extinguished. Burning waste must be extinguished using either water or fire extinguishers.

b. *Open Burning* – Open burning is prohibited at this facility.

4. Cleaning [14 CCR 17407.2]:

a. A litter crew and street sweeper is assigned full time to monitor the site each operating day, cleaning all paved areas, driveways, and the street frontage, as needed. (See 8 below for more detail about litter control.) In addition, the sorting lines, building, baler, and other stationary equipment are cleaned of litter and any accumulated dirt and debris each operating day. Sorter work station and area cleaning is completed by each operations shift at the end of their shift. Sorting screens and equipment are inspected and cleaned by maintenance and trainer workers during each break with materials wrapped on shafts or otherwise accumulated in the equipment removed. Cleaning of the litter inside the building occurs primarily during equipment downtime, but also throughout hours of operation.

b. The site of the facility, including the entry and exit driveway and operation area, including equipment, storage bins, roll-off bins and other operations-related containers, shall be cleaned as needed of litter and other debris to prevent tracking and off-site migration of recyclables or residual waste materials that might have been the result of operations at the facility.

5. Drainage Control [14 CCR 17407.3]:

The site is equipped with an on-site drainage collection and pretreatment system to capture and treat all on-site storm water before it is discharged to the public drainage system. Approximate storm water flow and discharge locations are shown in Appendix 6. The storm water from the Tipping Yard flows to and is collected against the western wall. Sump pumps transfer the water to a media filter. It is filtered and discharged to 10th Street, where it flows to the City's municipal storm water system. The Truck Staging Area is a paved vacant lot just to the west of the facility. The storm water in that area sheet flows to the storm drain system, through the media filter, and continues on to the 10th Street municipal storm water system. The media filter contains layers that filter out different sized particulates, and is regularly maintained according to design specifications.

The on-site storm drainage system at the facility is designed to accomplish the following:

- Minimize exposure of industrial processes to storm water. The material

recovery facility roof, vehicle maintenance facility roof, and canopies prevent rainfall from coming into contact with waste materials as well as preventing water from entering the interior of facility buildings and structures. Pavement in the tipping area, baling staging, and loading dock areas drains storm water away from the facility activities and into a storm water conveyance system. This facility has a permit, Waste Discharge Identification (WDID) #2 01I026767, obtained from SWRCB 2014-0057-DWQ. A Storm Water Pollution Prevention Plan (SWPPP) was prepared to comply with the National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000001 for Discharges of Storm Water Associated with Industrial Activities (Order 2014-0057-DWQ).

- Prevent off-site migration of industrial storm water with asphalt and dirt berms and limited and controlled entrance/exit points.
- Prevent ponding and control run-off. Pavement in high-traffic areas is consistently maintained, which includes timely remediation of potholes and related on-site drainage concerns. The site protects the integrity of roads and structures by the design and placement of storm drain systems that prevent ponding, control run-off, and drain rainfall from the structures in a controlled manner using roof gutters, downspouts, and associated storm water controls.
- Treat industrial storm water through a media filter prior to discharge to the municipal storm water system.
- Protect public health by limiting public access to the facility. The facility does not accept material from the public or self-haul customers.

6. Dust Control [14 CCR 17407.4]:

The facility Operator shall take appropriate measures to minimize the creation, emission, and accumulation of excessive smoke, dust and particulates that might obscure visibility and create other health and safety hazards. Dust masks are available to employees working in the tipping, processing, and load out areas. The litter crew and street sweeper will clean the paved surfaces to minimize accumulation of dust and dirt, and therefore reduce dust generated by vehicles. Speed limits for trucks are set at 5 MPH to minimize dust. The facility has a misting system for the purpose of dust and odor control on all areas of operations.

7. Hazardous, Liquid and Special Wastes [14 CCR 17407.5]:

a. *Hazardous Waste* – This facility shall not intentionally accept hazardous materials except those identified below.

   Household hazardous wastes consisting of used motor oil, oil filters and household batteries are collected curbside and are delivered to the adjacent site at 1819 10th Street, Oakland, California. Used motor oil is stored in a waste oil tank located in

the vehicle maintenance facility at 1819 10th Street, Oakland, California, identified on the Site Plan (Figure 3) and emptied by a certified oil recycling company. However, no solid waste is received or solid waste activities occur at 1819 10th Street. The Recycling Facility may receive small electronic devices (no TVs or monitors) from curbside recycling programs. Small electronic devices are stored in the storage building for removal by a certified e-waste processor.

A copy of the Load Check Program is provided in Appendix 8. It describes how the inspection of incoming loads by trained personnel aids in the identification and handling of prohibited, hazardous, designated and liquid wastes. Incidents of unlawful disposal will be reported to the appropriate agencies.

b. *Handling Hazardous Waste* – Should unauthorized hazardous wastes be discovered during the transfer process, control measures as necessary to protect public health, safety and the environment will be implemented by CWS, such as elimination or control of dusts, fumes, mists, vapors or gases shall be taken prior to isolation or removal from the operation or facility. Signs are installed in English and Spanish which state that disposal of hazardous waste is prohibited. On-site personnel are trained to perform their operations related to general chemical, physical, and biological hazards in accordance with the Injury and Illness Prevention Plan (IIPP) (Appendix 3). Supervisory personnel are familiar with required reporting procedures.

   A Title 22 compliant hazardous materials locker is located in the south corner of the MRF building, near the equipment storage area, as shown on the Floor Plan (Figure 4). Hazardous materials are collected by a licensed contractor that manages the proper disposal of the materials.

c. *Liquid Waste* – Liquid wastes and sludge will not be accepted or stored at the recycling facility.

8. Litter Control [14 CCR 17408.1]:

Litter is collected on a daily basis both on- and off-site, as needed, to prevent safety hazards, nuisances, and off-site migration to the greatest extent possible, given weather conditions. The equipment is designed to reduce litter such as shredded paper from becoming airborne. Litter control measures include:

- All vehicles are covered or tarped to prevent littering on the streets.
- All processing of material occurs within buildings or under a canopy.
- A litter crew monitors the site once per operating day or more often, if needed, picking up litter from the Truck Parking Yard and Maintenance Truck Parking.
- Sweeping is performed to clean around the facility on 11th Street,

10th Street, and Pine Street.

- Litter is picked up daily within a two-block radius of the facility during operating hours.
- The facility is completely fenced to keep litter from blowing off site.

9. Medical Waste [14 CCR 17408.2]:

Medical waste that is regulated pursuant to the Medical Waste Management Act shall not be accepted at this facility. If unauthorized medical waste is discovered in an accepted load, CWS will notify the LEA. The medical waste will be separated from the load and placed in the appropriate designated bin. The bin is picked up by a state approved third party medical waste hauler. The incident will be recorded in the Special Occurrences Log.

10. Noise Control [14 CCR 17408.3]:

Specific measures have been taken to control excessive noise due to site operations. Access to the tipping and recyclables processing area of the facility shall be restricted to authorized personnel only. The recycling facility is designed with some open wall areas to reduce noise levels within the building. Interior walls and doors separate workers' break room and restroom areas from the main floor. Personnel working on or near heavy equipment are provided with hearing protection. Specific provisions regarding controlling noise levels have been incorporated in the Conditions of Approval for the Use Permit (CM92-222) (Appendix 1) issued by PZD for the recycling facility.

11. Non-Salvageable Items [14 CCR 17408.4]:

Drugs, cosmetics, foods, beverages, hazardous wastes, poisons, medical wastes, syringes, needles, pesticides, and other materials capable of causing public health or safety problems shall not be salvaged at the facility. These materials, except hazardous wastes and medical wastes, will be left in the waste residue and transported to the landfill with other non-recyclable wastes. Medical wastes will be handled according to the procedures outlined above in Section H.9. Handling of hazardous materials is described in Section H.7 above and further Section H.20 below. All employees shall be trained in this regard.

12. Nuisance Control [14 CCR 17408.5]:

The operations shall be conducted and the recycling facility maintained to prevent the creation of a nuisance. Operating practices, such as daily cleaning and prompt removal of residual material within 48 hours of receipt shall be adhered to at the facility to prevent the creation of a nuisance. Specific provisions regarding nuisance control

have also been incorporated in the Conditions of Approval for the Use Permit (CM92-222) (Appendix 1) issued by PZD in 1992 for the operation of the Recycling Facility.

Odors are managed by the prompt removal of waste from the facility and the prevention of ponded water. Non-recyclable waste that is accidently received is removed from the site within 48 hours of receipt. Although the site is not permitted to receive waste tires, they are sometimes inadvertently received at the site. Any waste tires found in received loads are segregated in a separate area. The number of waste tires on the site is tracked and waste tires are removed to maintain less than 500 tires on the site at any time, per CalRecycle permitting requirements.

13. Maintenance Program [14 CCR 17408.6]:

The facility will be maintained such that all aspects of the recycling operation and facility shall be maintained in a state of good repair. The facility Operator shall implement a preventative maintenance program for all mobile and stationary equipment to monitor and promptly repair or correct any deteriorated or defective conditions. All stationary and mobile equipment are inspected regularly, maintained in accordance with manufacturer and industry specifications, and repaired or replaced as necessary. Sufficient spare parts and trained mechanics are available at the vehicle maintenance facility, located across 10th Street at 1819 10th Street, Oakland, California (shown on the Site Plan, Figure 3) to quickly repair broken stationary and mobile equipment. In addition, area suppliers and service providers can also be called to service and repair broken stationary or mobile equipment. The Operator shall adhere to the Preventative Maintenance Schedule provided in Appendix 5.

The Operator will perform routine inspections of the site that include but are not limited to: storm water runoff, litter control, facility maintenance and repair, fire equipment, sanitary facilities, recycling processing equipment, public safety, and signage. The LEA will perform similar routine inspections. Violations and notices of concern from any inspection shall be followed-up by the Operator personnel for maintenance or repair.

14. Personnel Health and Safety [14 CCR 17408.7]:

The recycling facility Operator has in place an Injury and Illness Prevention Plan (IIPP) (Appendix 3) aimed specifically at the health and well-being of its employees, the community and the environment. On-site personnel are trained to perform their work in accordance with the IIPP. Copies of the IIPP and the safety and training records are available for review by local and state inspectors during normal business hours.

15. Protection of Users [14 CCR 17408.8]:

The design, construction, and operational controls of the facility have been developed so that contact between the public and solid waste is minimized. The facility is a commercial operation that is not open to the public. A spotter is always present during operating hours to provide traffic control to protect users. Contact is minimized for other facility users through the combination of a driver training program, entrance signs, safety cones, fences, directional signs and on-site employee training. Further, the facility is only permitted to receive material that has been separated for reuse. While this recyclable stream may contain residual solid waste, the facility is prohibited from accepting mixed municipal solid waste, further minimizing potential public or other user contact with solid wastes.

16. Roads [14 CCR 17409.1]:

All on-site surfaces and driveways are designed and maintained to minimize the generation of dust and tracking of soil onto adjacent public roads. The site within the perimeter fence of the facility is paved with either asphalt or concrete designed for heavy duty truck traffic to prevent the generation of dust and tracking of soil onto public roads and provides for all-weather access to the site. Roads are routinely maintained and swept at least once per day.

17. Sanitary Facilities [14 CCR 17409.2]:

Sanitary and hand-washing facilities, as required by applicable state and local regulatory agencies, are provided at the recycling facility, as shown on the Floor Plan (Figure 4). There is one portable toilet with a hand wash station located adjacent to the 11th Street gate. There are permanent restrooms located in the employee breakroom area. Separate facilities are provided for men (1 stall, 1 urinal, 1 sink with soap and paper towels) and women (2 stalls, 1 sink with soap and paper towels). These facilities are maintained in a reasonably clean and adequately supplied condition. East Bay Municipal Utilities District (EBMUD) provides the potable water supply. Water fountains or other potable water dispensers and sanitary facilities are located in the break room for operations employees and in the office for administrative workers.

18. Scavenging and Salvaging [14 CCR 17409.3]:

The facility will meet the following requirements:

a. *Scavenging* – Scavenging as defined in Title 27 CCR §20164, is prohibited and on-site personnel are trained in this regard.

b. *Salvaging of Materials* – Salvaging as defined in Title 27 CCR §20164, is an acceptable practice at the recycling facility. Salvaging of recoverable material such

as, but not limited to, cardboard, glass, paper, used motor oil, e-waste, and metal is an integral part of the operation.

c. *Salvaging Activities* – Salvaging activities are conducted in a controlled manner and do not interfere with other aspects of site operation, such as the expeditious entry and exit of vehicles delivering recyclables to the facility. Salvaging activities are conducted in specified areas and controlled to prevent health, safety, or nuisance problems. A full description of the material recycling and processing operations is provided in Section D.

d. *Storage and Staging of Material* – Storage of recyclable materials recovered from the recycling operations are located in staging areas awaiting shipment to market. These areas are planned, clearly identifiable areas as noted on the Site Plan (Figure 3) and the Floor Plan (Figure 4). The materials will be stored and arranged to minimize risk of fire, health and safety, vector harborage, or other hazard or nuisance. A full description of the material recycling and processing operations is provided in Section D.

19. Signs [14 CCR 17409.4]:

This facility is not open to the public. As required, each point of access from a public road shall be posted with an easily visible sign indicating the facility name and location of the nearest public facility. The site is accessible from both 10th Street and 11th Street.

20. Load Checking [14 CCR 17409.5]:

CWS will not intentionally accept hazardous wastes, including paint, and special wastes.

Should unauthorized hazardous wastes be discovered during the transfer process, control measures as necessary to protect public health, safety and the environment will be implemented by CWS, such as elimination or control of dusts, fumes, mists, vapors or gases shall be taken prior to isolation or removal from the operation or facility.

Liquid wastes and sludges will not be accepted or stored at the Facility.

The load checking protocol for the Facility consists of the following:

- The curbside collected recyclable materials will have already been initially screened by the collection driver before the load arrives at the site. Remaining unacceptable materials are detected during the transfer process.
- Only non-hazardous wastes are accepted at the site. Typical unacceptable materials include liquid wastes, paint containers, aerosol cans, friable asbestos, fluorescent lamps, cathode ray tubes, and instruments that contain

mercury and batteries, which will be stored in the hazardous waste storage locker at the facility upon detection.

- All loads are visually checked as they are transferred.
- The greatest likelihood of hidden hazardous waste, special wastes, or other prohibited wastes being in the waste stream occurs in collection trucks. The loads are visually screened for unacceptable materials by employees helping with the transfer and/or processing. Unacceptable materials are extracted from the waste and stored in a Title 22-compliant hazardous waste storage locker at the facility, where it is handled by a licensed contractor to manage.
- Hazardous wastes, special wastes, or other prohibited wastes may be discovered and segregated during the tipping of recyclable materials loads or annuals at the facility which employees are properly trained to handle. Hazardous wastes are stored at the hazardous waste storage locker and collected within 90 days by a licensed hazardous waste handler. Electronic waste is properly stored and collected by a licensed vendor within 90 days.

A hazardous material storage locker is located in the southeast corner of the facility, next to the Equipment Storage Area, near the corner of 11th Street and Pine Street, as identified on the Floor Plan (Figure 4). If hazardous material is discovered, the type of material, date/time, truck number, and route location will be logged on the load check inspection record.

On the days materials are being received, three random loads per day will be pulled apart and inventoried to determine the major constituents and to look for any materials that are not acceptable. This will serve as a training exercise for floor workers. Results of this exercise and material inventory will be kept in the Daily Log book.

The tractor operator will spread the load and floor personnel will observe the material. Floor staff members are trained to spot prohibited material and, if discovered, the tractor operator must make an evaluation of the situation to determine the necessary steps to ensure worker safety. The driver is instructed to call the Site manager if any material is discovered that appears to be hazardous or flammable. Protocols for handling hazardous material will be posted on site.

Site personnel shall be trained on-site monthly to some aspect of operations and Title 14 requirements. The Site Supervisor will receive Hazardous Waste Operations and Emergency Response (HAZWOPER) training. Floor personnel will receive continued training on relevant safety and preventative methods.

Should a dangerous situation exist, the appropriate local agencies, including fire, Health and HazMat Division of Alameda County, and the LEA will be notified immediately. An emergency 911 call will be made in the event of immediate danger, serious injury, or fire.

Any hazardous material identified will be stored in the hazardous material locker (identified on the Floor Plan, Figure 4) and shall be removed by a licensed contractor not less than every 90 days.

Records of loadchecks and the training of personnel in the recognition, proper handling and disposition of prohibited waste shall be maintained and copies of the loadchecking records for the last year shall be available for review by the LEA and other appropriate regulatory agencies. These records shall be maintained in the administrative offices of the facility at 1820 10th Street, Oakland, California.

21. Parking [14 CCR 17409.6]:

Parking is provided for all employees, company vehicles and all users of the site on the parking area located west of the material recovery facility, on 10th Street and in the parking lot of 1819 10th Street, as shown on the Site Plan (Figure 3).

22. Solid Waste Removal [14 CCR 17410.1]:

Any residual solid waste separated from the recyclable material streams during processing shall be removed from the facility within 48 hours of receipt or at an alternate frequency as approved by the LEA.

23. Supervision and Personnel [14 CCR 17410.2]:

A sufficient number of qualified personnel and adequate supervision shall be provided by the Operator to ensure proper operation and maintenance of the site and compliance with all applicable laws, regulations, permit conditions and other requirements. There are 30 personnel each shift at maximum processing capacity and as circumstances and conditions dictate. This includes sorters, operators, and supervisors. Not all sorting locations will need to be staffed at all times. Contact information for the key individuals responsible for facility operations, maintenance, records, emergencies, health and safety, and compliance is provided in Section 26 (f) below and on the Emergency Contact List in Appendix 4 of this Facility Plan. The Operator shall notify the LEA in writing of the name, address, and telephone of the Operator and a copy of this notification shall be placed in the operating record. A list of names and telephone numbers of all site operations supervisors are submitted to the LEA, and entered into the operating record periodically as changes occur.

24. Training [14 CCR 17410.3]:

The Operator personnel shall be provided with ongoing on-the-job training in regular and seasonal training sessions that emphasize safety, first aid, accident prevention, health, environmental controls, and emergency procedures pertinent to their assigned duties. A record of employee training will be maintained at the scale house office of

the Operator, located on site at 1820 10th Street in Oakland, California. The employee training records are kept on file and are available for review by the LEA and other duly authorized regulatory agencies for at least three (3) years. The Operator shall provide hazardous material training to those employees that might come into contact with hazardous waste on the tipping floor. Training may also include permit conditions and other requirements. Training of new employees is accomplished when they first start employment, during day-to-day activities, and through refresher training and tailgate meetings. Experienced employees familiar with their duties work with new employees under actual work conditions. Training is also accomplished through scheduled monthly safety meetings and individualized instruction sessions.

25. Vector, Bird and Animal Control [14 CCR 17410.4]:

The Operator shall take adequate measures to control or prevent the propagation, harborage, and attraction of flies, mosquitoes, rodents, and other vectors and animals, and to minimize bird attraction. These measures included standard operating practices such as daily cleaning and prompt removal of residual material within 48 hours that may attract vectors, birds, or animals. A vector control company is on retainer to provide vector abatement. The vector control company is on-site one day per week throughout the year. Pavement at the site is maintained to prevent ponded water.

26. Record Keeping Requirements [14 CCR 17414]:

The Operator of the facility will meet the following requirements:

a. Records of incoming weights or volumes and outgoing recyclable material to markets and residual solid waste weights or volumes will be maintained in a form and manner approved by the LEA. Such records will: (1) be submitted to the LEA as specified in the SWFP or by CalRecycle upon request, (2) be adequate for overall planning and control purposes, and (3) be as current and accurate as practicable.

b. All operating records, as required by this section, are maintained by the Operator at the administrative offices located on site at 1820 10th Street in Oakland, California. All operating records are kept on file and are available for review by the LEA and other duly authorized regulatory agencies for at least three (3) years.

c. The Operator will submit copies of specified records to the LEA monthly upon request or at an alternate frequency approved by the LEA.

d. The Operator will maintain a daily logbook or file of special occurrences encountered during operations and methods used to resolve problems arising from these events, including details of all incidents that required implementing emergency procedures. Special occurrences include, but are not limited to: fires, injury and property damage, accidents, explosions, receipt or rejection of

prohibited wastes, lack of sufficient number of personnel pursuant to section 17410.2, flooding, earthquake damage and other unusual occurrences. The Operator will notify the LEA by telephone within 24 hours of all incidents requiring the implementation of emergency procedures, unless the LEA determines that a less immediate form of notification will be sufficient to protect public health and safety and the environment.

e. The Operator will record any written public complaints received by the Operator, 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. The records of complaints will be available for inspection at the administrative offices on site.

f. The Operator will maintain a copy of the written notification to the LEA and local health agency of the name, address and telephone number of the Operator or other persons responsible for the operations as required by section 17410.2. The record of such written notification will be available for inspection at the administrative offices on site.

   A current personnel contact list of the Operator is provided in Appendix 4, *Emergency Contact List and Key Resumes*, and shown below:

Operator Contacts

Name	**Title**	**Contact Number** (Operations Hours)	**Contact Number** (Non-Operations Hours)
Glen Hulsenberg	Operations Manager, Environmental Health & Safety Manager	510-832-8111 Ext 218	408-393-6032
Johnny Duong	Chief Operations Officer	510-832-8111 Ext 205	510-772-0337

g. The Operator will maintain records of employee training as required by section 17410.3. The records of employee training will be available for inspection at the administrative offices on site.

h. All applicable records as required by section 18809 et seq. will be maintained and be available for inspection by the LEA and other duly authorized regulatory agencies at the administrative offices on site, including:

   - *Signage at a Station [§18809.1]:* A sign may be posted regarding the required collection of waste origin information in accordance with §18809.6.
   - *Scales and Weighing Requirements at a Station [§18809.2]:* The Site is equipped with a truck scale as required in §18809.2(a) and will follow the

weighing and volumetric conversion procedures described in §18809.2.

- *Training Requirements for a Station [§18809.3]:* The Operator will provide disposal reporting system training for each gatehouse attendant, disposal report preparer, and any other employee who may need to comply with reporting requirements.
- *Hauler Records: Retention, Access, and Investigations [§18809.4]:*
    - *[§18809.4(a)(1-3)]:* The Operator shall prepare disposal reporting records and:
        - Include all information, methods, and calculations required by this Article.
        - Keep quarterly documentation that verifies jurisdiction of origin allocations reported to facilities and agencies pursuant to sections 18809.9(a) through (c).
        - Use a reasonable method to gather the information, such as locally required or facility specific reporting forms, electronic systems, or the optional paper or electronic reporting forms developed by CalRecycle.
        - Maintain all records for three years in a usable format, such as on electronic media (computer files) or paper copies.
        - Allow representatives of involved jurisdictions, the agency, haulers, operators, districts, and CalRecycle to inspect the records during normal business hours in a single location within California.
            - Upon a request to review records, the Operator shall make the records promptly available for inspection. The Operator shall respond to the request within ten days, but may indicate that additional time is necessary to make the records available due to time necessary to search for, collect and examine records to respond to the request. In no case shall the inspection be delayed more than an additional 14 days, unless agreed to by the requestor.
            - If copies of specific records are requested, either in lieu of inspection or after inspection, the Operator shall respond to the request for copies within ten days, but may indicate that additional time is necessary to make the copies due to time necessary to search for, collect, and examine records to respond to the request. In no case shall the copies be delayed more than an additional 14 days, unless agreed to by the requestor. The Operator may charge a fee to cover the actual cost of copying. In no case shall the fee exceed ten

cents per page, unless local public records act requirements establish another rate.

- If a hauler or Operator believes that a records request includes information that has been labeled confidential or proprietary by the entity providing that information as defined in sections 17044 through 17046, the Operator shall inform CalRecycle. CalRecycle shall use the procedures set forth in section 17046 to determine which records, or parts of records, may be inspected.

- *[§18809.4(b)]:* An Operator shall respond to requests for clarification regarding their records within ten days. Requests must be specific and clearly stated in writing.
- *[§18809.4(c)]*: CalRecycle may investigate all information, methods, and calculations pursuant to this Article. If CalRecycle determines that any information is inaccurate, it may require corrected information.
- *[§18809.4(d)]*: If an Operator that is a jurisdiction fails to comply with this section, and that failure prevents CalRecycle from accurately determining the jurisdiction's level of Source Reduction and Recycling Element implementation, CalRecycle may initiate the process to issue a compliance order as set forth in section 41825 of the Public Resources Code.

- *Identifying Jurisdiction of Origin [§18809.5]:*
  - *[§18809.5(a)(1-3)]:* The Operator will provide the following information on the jurisdiction of origin as required:
    - Identify a jurisdiction by providing its name and specifying whether it is a city, an unincorporated county, or a region.
    - If expressly allowed by the region, an operator may identify waste from a region formed pursuant to sections 40970 through 40975 of the Public Resources Code as originating in that region, without specifying the individual cities or unincorporated counties, unless otherwise required by CalRecycle.
    - Identify waste imported from outside California by specifying the state, country, or Indian country of origin.
  - *[§18809.5(b)]:* Nothing in this Article shall prevent an agency, district, or jurisdiction from enacting ordinances or other measures to ensure that operators and haulers provide additional jurisdiction of origin information.
- *Frequency of Origin Surveys [§18809.6]:* Origin surveys will be conducted continuously, each day of station operation, for every load, except for those

exemptions stated in §18809.6.

- *Determining Origin of Waste at a Station [§18809.7]:* The Operator will follow required protocol for determining the origin of all solid waste, including waste received from other facilities, public contract haulers, and when an attendant is not present during regular hours of operation. The Operator will also follow all requirements for stating origin of waste when sending solid waste to another facility in California.
- *Applicability of Alternative Reporting Systems [§18809.8]:* The Operator will comply with any alternative requirements established by an agency.
- *Station Disposal Reports: Content, Timing, and Distribution [§18809.9]:* If the Operator sends solid waste to another facility in California, it will send quarterly notification, with all required information, to that facility, the agency in which the other facility is located, and the agency in which the Operator's facility is located. The Operator will also send an annual report to the agency. Copies of the notifications and annual reports will be kept as required in the Operator's facility records.
- *Disposal Reporting Due Dates for a Station [§18809.10]:* All required quarterly and annual reports will be sent to the applicable stations, landfills, transformation facilities, and affected agencies by the deadlines outlined in §18809.10.
- *Non-compliance [§18809.11]:* The Operator will inform the agency of any non-compliance issues by a hauler or operator, and will do so by the required deadline for each quarterly disposal report if the non-compliance is related to the report. The Operator will inform CalRecycle of any non-compliance issues with a hauler, operator, or agency.

27. Documentation of Enforcement Agency Approvals, Determinations and Requirements [14 CCR 17414.1]:

The operating record is maintained by the Operator at the administrative offices located on site at 1820 10th Street in Oakland, California, and includes all authorized approvals, determinations, and other requirements made and submitted in writing by the LEA. These records are kept on file and are available for review by the LEA and other duly authorized regulatory agencies for at least three (3) years.

28. Additional Operating Requirements for Facilities Only:

a. *Communications Equipment [§17415.1]* – Adequate communication equipment is available to site personnel to allow quick response to emergencies. Such equipment consists of, but is not limited to, cellular telephones and two-way radios.

b. *Fire Fighting Equipment [§17415.2]* – The facility has fire suppression equipment continuously available. Such equipment shall be located and properly maintained as required by the local fire authority and is shown on the Floor Plan (Figure 4).

c. *Housekeeping [§17416.1]* – The Operator will provide adequate housekeeping for the maintenance of facility equipment and shall minimize accumulations of inoperable equipment, parts, tires, scrap, and similar items. Some spare parts are kept in the southwest corner of the MRF building, but most spare parts and equipment are kept at the vehicle maintenance facility at 1819 10th Street, Oakland, California (shown on the Site Plan, Figure 3, and not a part of this permit). All are evaluated on a month basis and removed from the site for disposal or recycling if they are no longer required.

d. *Lighting [§17416.2]* – The facility and equipment are equipped with adequate lighting by both artificial and natural means using overhead electric lights to ensure the ability to monitor incoming loads, effectiveness of operations, public health and safety, and the environment. Heavy equipment for moving recyclable materials on the tipping floor is equipped with operating lights.

e. *Equipment [§17416.3]* – Equipment will be adequate in type, capacity, and number and sufficiently maintained to allow the facility to meet all requirements of CCR 14, Division 7, Chapter 3, Articles 6.3 and 6.35. In the event of Operator equipment failure, reserve equipment for hauling, loading, and transporting recyclables and residual solid waste shall be readily available to the Operator either from the Operator's own reserve stock of equipment or from local equipment rental companies within no more than 24 to 48 hours. Additional details regarding the equipment used on-site is provided in Section K of this Facility Plan.

f. *Security [§17418.1]* – The facility is designed to discourage unauthorized access by persons and vehicles. The facility is not open to the general public. Signage informs visitors this is a private site and directs them to the administrative building. The facility is secured with a perimeter fence and has signage prohibiting unauthorized access at the entry gate. Site attendants located at the scale house monitor incoming traffic. Visitors are directed to check in at the administrative offices on site prior to receiving any access to the active portion of the facility.

g. *Site Attendant [§17418.2]* – The facility is not open to the public. A sign directing all visitors to the office is posted by the facility entrances. An attendant shall be on duty during operating hours of the facility. The Operations Manager will serve as the site attendant. If the visitor does not stop at the office area, the scale operator will normally serve as the initial spotter for any unaccompanied site visitors. The operations shift supervisor will serve as an assistant site attendant. The scale attendant will then be in radio contact with the appropriate site attendant regarding the visitor. For instance, both the site attendant and the process line supervisor will

be contacted if the visitor is headed for the processing building. The frontend loader operator will also be contacted if the site visitor is headed toward the tipping floor.

h. *Traffic Control [§17418.3]* – Traffic flow through the facility is controlled in the following ways, as shown on the Traffic Circulation Plan (Figure 5):

(1) The facility is not open to the public. Vehicle access to the facility is provided via a driveway between 11th Street and 10th Street that serves as the primary entrance for the site. The facility has been designed such that vehicle movements, including queuing, weighing and tipping, occur within the site boundaries to ensure that the facility will not interfere with or create a safety hazard on adjacent public streets or roads. Vehicles entering from 11th Street weigh in, unload or load, weigh out, and exit through the primary exit on 10th Street. There is space for vehicle queuing on 11th Street, which dead ends into the facility, but queuing is not expected to be an issue because the permitted capacity is much lower than the design capacity of the site.

(2) Exposure to on-site safety hazards shall be minimized by maintaining the posted 5 MPH facility speed limit, and adherence to the established ingress, egress, queuing, tipping and loading procedures for vehicles utilizing the facility. All employees shall be provided training on these procedures.

(3) Traffic controls to prevent interferences with operations include designated tipping areas, tipping directions from scale house operators, and by maintaining separation of commercial vehicles from processing operations and associated heavy equipment and personnel on foot from mobile equipment as much as practicable.

(4) Inbound traffic will typically turn into the facility site from 11th Street. Office staff and visitors will turn into parking areas near the office on 10th Street. Delivery trucks will pass through the facility gate and proceed to the scale for weighing. After weighing, the truck will proceed to the tipping floor. As space becomes available, the trucks in the queue will proceed to the tipping floor where they will discharge their load. After unloading, the truck will exit the facility onto 10th Street.

(5) Trucks used to haul materials from the site will enter the facility, move onto the scale and go to the appropriate loadout location or staging area. These areas, such as the loading dock, glass storage area, material recovery building, and the parking area will allow the truck to be loaded as needed. After the truck has been loaded and is ready to leave the site, it will typically pass over the scale to weigh out.

(6) Employees will enter from 10th Street. When leaving the site they will again access 10th Street.

(7) Visitors and delivery vehicles will enter the site and stop at the office. Some regular delivery vehicles bringing parts and supplies that are familiar with the site may proceed through the facility gate to the location needed.

(8) All vehicles will follow established traffic patterns within the site. Within the buildings, vehicles will also have designated routes, entering through specific doorways and exiting through other routes.

i. *Visual Screening [§17419.1]* – The facility shall have appropriate treatment of areas open to public view to create and maintain an aesthetically acceptable appearance in accordance with local land use requirements. Specific provisions regarding visual screening requirements have been incorporated in the Conditions of Approval for the Use Permit (CM92-222) (Appendix 1) issued by PZD for the facility. These include specific provisions for landscaping, fencing, and limits on storage of material.

j. *Water Supply [§17419.2]* – A safe and adequate water supply for drinking and emergency use is provided through the EBMUD utility services on site.

I. QUENCH WATER/CONTACT WATER AND DISPOSAL [14 CCR 18221.5(i)]

No quench or process water is anticipated to be used in the operation of the facility. Drainage from water that has come in contact with the recyclable materials or residual solid waste (contact water) inside the material recovery facility flows toward the western edge of the facility where it is collected by one of two sumps on the western side of the facility. The water is pumped from the northwestern corner of the building and conveyed to the media filter for treatment before being discharged to the municipal storm water system on 10th Street.

J. UNUSUAL PEAK LOADING [14 CCR 18221.5(j)]

Operators of the facility shall not exceed the permitted peak daily loading at the facility of less than 100 tpd without the approval of the LEA.

In the unlikely event of an unusual peak-loading day, when incoming tonnage might exceed the permitted tonnage of less than 100 tpd for the facility, or the facility is unable to properly process the excess material, the Operator shall divert incoming material to an alternative permitted facility with which the Operator has existing arrangements for processing recyclable materials. Alternatively, loads in trucks that meet the requirements for sealed containers (see 14 CCR 17402) may be temporarily diverted to the adjacent, separate Sealed Container Transfer Operation at the parking lot of 1820 10th Street, where they will remain no longer than 96 hours.

K. DESCRIPTION OF TRANSFER, RECOVERY, AND PROCESSING EQUIPMENT [14 CCR 18221.5(k)]

The following is a description of equipment used for the transfer, recovery, and processing of recyclable material and residual waste at the facility. Standby mobile equipment is available on-site, and can be transferred from other facilities operated by the CWS, or can be rented from nearby vendors:

Recycling Facility Mobile Equipment

Description	Classification	No. of Units
Forklift	Toyota 7FGU25	1
Forklift	Deawoo G30P-3 3T1	1
Forklift	Linde H30T	1
Forklift	Linde H30T #-8	1
Forklift	Linde H30T #-9	1
Forklift	Toyota 7FGU25 SJ-104	1
Forklift	Linde H30T	1
Forklift	Linde Baker H30T #-3	1
Loader	Caterpillar 938G #902	1
Loader	Caterpillar 928G	1
Loader	Caterpillar 902 #10-29	1
Manlift	Gene Manlift Z-4525	1
Rotating Forklift	Linde H30T #-6	1
Rotating Forklift	Linde H30T #1	1
Side Shifter Forklift	Linde Baker H30T #2	1
Side Shifter Forklift	Toyota 8FGU30 T-293	1
Side Shifter Forklift	Toyota 8FGU30 T-314	1
Sweeper	Lay Mor Model 8B	1

The following is a list of fixed equipment at the facility which processes the materials delivered to the facility to perform the necessary segregation from arriving comingled material stream into discrete commodity materials bound for market. A description of each of the pieces of equipment correlate with each other is provided in Section C – Facility Activities above.

Material Recovery Equipment

Description	No. of Units
In-floor in-feed conveyor	1
Manual pre-sort conveyor sorting stations	8
Two dimensional/container screen	1
Overs conveyor manual sort stations	8
Unders conveyor (containers) manual sorting stations	4
Bunker storage units	8
Baler in-feed conveyor	1
Enterprise Baler	1
Dust Control Misting System	1

L. METHOD OF FINAL DISPOSAL [14 CCR 18221.5(l)]

The facility receives, separates, and prepares recyclable material for end-use markets. Any non-recyclable residual material remaining after processing is transported to the Potrero Hills Landfill. Alternative permitted disposal facilities shall be utilized in the event that the landfill is not accepting solid waste for disposal.

M. METHOD OF STORAGE AND REMOVAL OF SALVAGED MATERIAL [14 CCR 18221.5(m)]

Storage and removal of materials recovered from the recycling operations shall be located in planned, clearly identifiable areas as noted on the Floor Plan (Figure 4). The materials will be stored and arranged to minimize risk of fire, health and safety, vector harborage, or other hazard or nuisance. As necessary, additional storage may occur in the Facility building for certain materials or outside in covered bins, containers, or covered with tarps to prevent storm event contact water. Residual waste may be temporarily stored in bins in the Facility building prior to loading out. Storage for extra mobile equipment, such as forklifts, portable lighting, loaders, and generators, is provided primarily at the vehicle maintenance facility at 1819 10th Street, Oakland, California (shown on the Site Plan, Figure 3, and not a part of this permit). Spare parts and equipment storage is provided in the vehicle maintenance facility and material recovery facility, as applicable. Once baled or otherwise processed for shipment, salvaged material shall be transported to market in full truckloads. A full description of the material recycling and processing operations is provided in Section D. Materials shall be stored no longer than 5 days, pursuant to the Conditional Use Permit (Appendix A).

N. MANAGEMENT ORGANIZATION AND RESUME [14 CCR §18221.5(n)]

Full resumes for key personnel are included in Appendix 4, *Emergency Contact List and Key Resumes.*

Johnny Duong - Chief Operations Officer

Mr. Duong has led significant efforts to expand CWS marketing capacity by fostering strong and stable global partnerships. His keen ability to anticipate market demands has given CWS an edge in gaining new opportunities with domestic and international trading. His achievements with ensuring that CWS finished products meet global quality standards of marketability and demand have benefitted CWS customers through price and diversion stability during a variety of market conditions. His ability to market products from throughout the United States is complemented by his development of CWS's own global trading offices in China and Ho Chi Minh City, Vietnam. Recently, Mr. Duong has coupled his unique background and understanding of the ever-changing recycling market conditions across the globe and his deep and personal knowledge of CWS to step in as the acting chief operating officer. In this challenging but exciting role, Johnny will help CWS navigate its way through untested and drastically changing recycling market overseas to once again come up with creative solutions for CWS' continued success. .

Glen Hulsenberg – Operations Manager, Environmental Health and Safety (EH&S) Manager

Mr. Hulsenberg has been employed with CWS since early 2016 as the Operations Manager. He has over 12 years of experience in the solid waste and recycling industry. His experience includes a broad range of activities from commercial, residential and industrial collection services to recycling facility and transfer station operations for facilities throughout California.

O. LIST OF PERMITS

- **Solid Waste Facility Permit (SWFP)** – In Process.
- **Use Permit –** Alameda County PZD Use Permit (CM92-222). The 1992 Use Permit including the Conditions of Approval with Mitigation and Monitoring Measures and related documents are provided in Appendix 1.
- **Storm Water Permit –** Permit obtained from SWRCB to comply with Order 2014-0057-DWQ (NPDES General Permit for Storm Water Discharges Associated with Industrial Activities). WDID assigned is #2 01I026767. The entire SWPPP document can be viewed at the State Water Resources Control Board (SMARTS) website.
- **DTSC State ID Number** – Permanent State ID Number received from the California Department of Toxic Substances Control (DTSC) utilized for manifesting and tracking any hazardous wastes at the facility. The Department of Toxic Substances Control EPA ID number is CAL000107864 issued 4/14/1993.

Figure 1

Site Location Map

PROJECT ADDRESS:
1820 10th STREET
OAKLAND, CA 94607

APN:
6-29-3-2

TOTAL SITE AREA:
+/- 91,971.8 SQ.FT.

SCALE: 1"=400'

0 400' 800'

PROJECT:
1820 10th STREET SITE
OAKLAND, CA

FOR:
FACILITY PLAN

SHEET:
SITE LOCATION MAP

FIGURE: 1 **SHEET TOTAL**

PREPARED BY:
J.R. Miller & Associates
2700 SATURN ST, BREA, CA 92821
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WWW.JRMA.COM

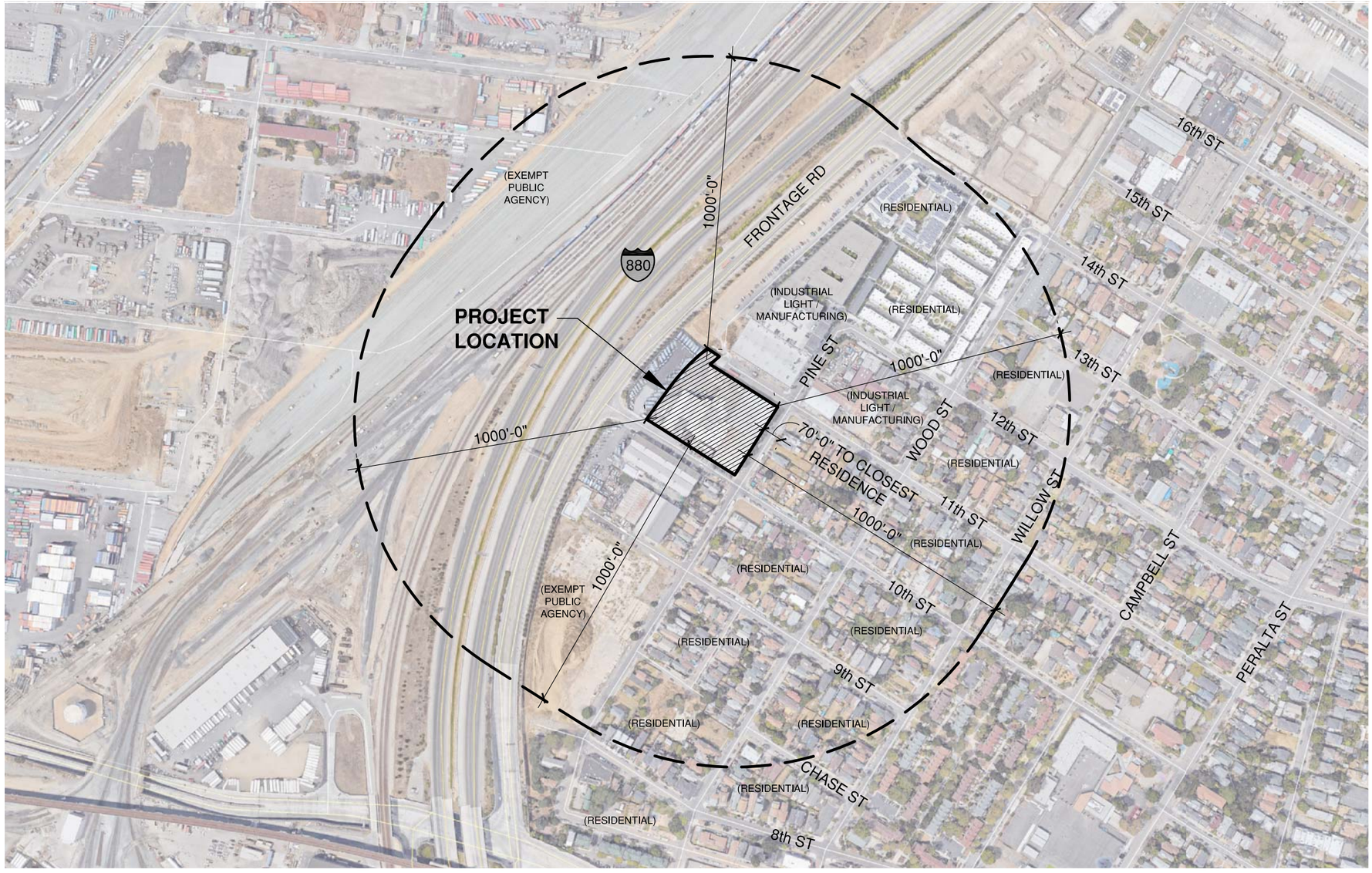
DEI D. Edwards, Incorporated
3040 SATURN ST. SUITE 107,
BREA, CA 92821 T. 714.582.3288

OPERATOR:
CALIFORNIA WASTE SOLUTIONS
ZERO WASTE SPECIALISTS
1820 10th STREET
OAKLAND, CA 94607
T. 510.832.8111
WWW.CALWASTE.COM

SCALE: AS NOTED	DATE: SEPTEMBER 20, 2018	CHECKED BY: J.D.		DRAWN BY: C.N.	JOB #: 5267

Figure 2

1,000 Foot Radius Map



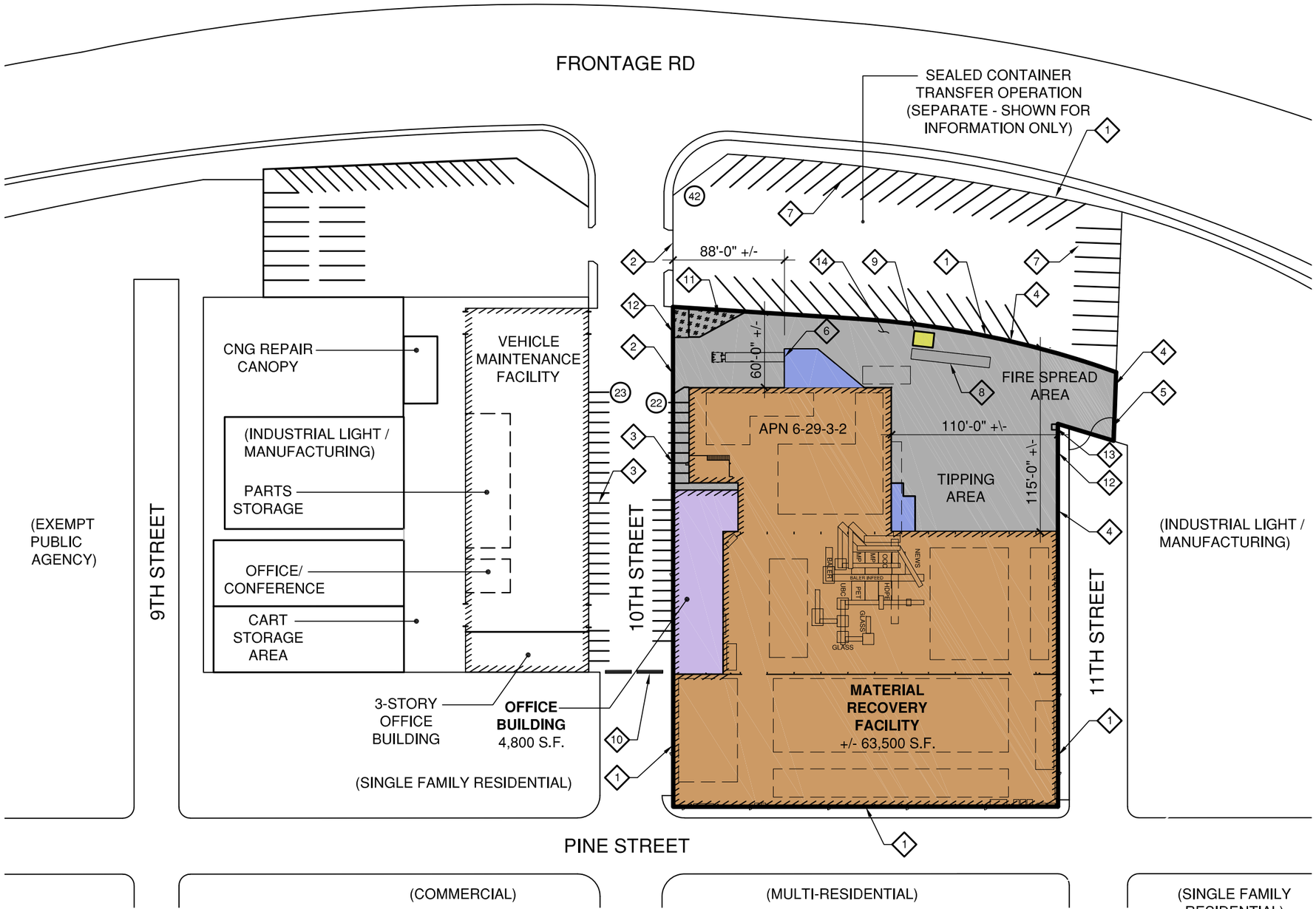
SCALE: 1"=400'

0 400' 800'

PROJECT: **1820 10th STREET SITE** OAKLAND, CA		FOR: **FACILITY PLAN**	FIGURE: 2 SHEET TOTAL
PREPARED BY: JRMA ARCHITECTS ENGINEERS — J.R. Miller & Associates, 2700 SATURN ST, BREA, CA 92821, T. 714.524.1870 F. 714.524.1875, WWW.JRMA.COM; DEI D. Edwards, Incorporated — 3040 SATURN ST. SUITE 107, BREA, CA 92821 T. 714.582.3288	OPERATOR: CALIFORNIA WASTE SOLUTIONS ZERO WASTE SPECIALISTS — 1820 10th STREET, OAKLAND, CA 94607, T. 510.832.8111, WWW.CALWASTE.COM	SHEET: 1,000 FT. RADIUS MAP	
SCALE: AS NOTED	DATE: SEPTEMBER 20, 2018	CHECKED BY: J.D.	DRAWN BY: C.N. JOB #: 5267

Figure 3

Site Plan



KEYNOTES

1. PROPERTY LINE
2. EXISTING DRIVEWAY
3. EMPLOYEE & VISITOR PARKING
4. EXISTING WALL / FENCE
5. EXISTING GATE
6. EXISTING LOADING DOCK
7. EXISTING TRUCK PARKING
8. EXISTING TRUCK SCALE
9. EXISTING SCALE HOUSE
10. EXISTING BARRICADE
11. EXISTING BIO-RETENTION SYSTEM
12. "NO PUBLIC ALLOWED" SIGNAGE
13. PORTABLE TOILET
14. PALLET STAGING AREA

LEGEND

EXISTING:

- CONCRETE
- MATERIALS RECOVERY FACILITY
- OFFICE
- CANOPY
- SCALEHOUSE

PARCEL 6-29-3-2 +/- 91,971.8 SQ. FT. 2.11 acres

SCALE: NTS

PROJECT:

1820 10th STREET SITE

OAKLAND, CA

PREPARED BY:

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OAKLAND, CA 94607
T. 510.832.8111
WWW.CALWASTE.COM

FOR: FACILITY PLAN

SHEET: SITE PLAN

FIGURE: 3

SHEET TOTAL

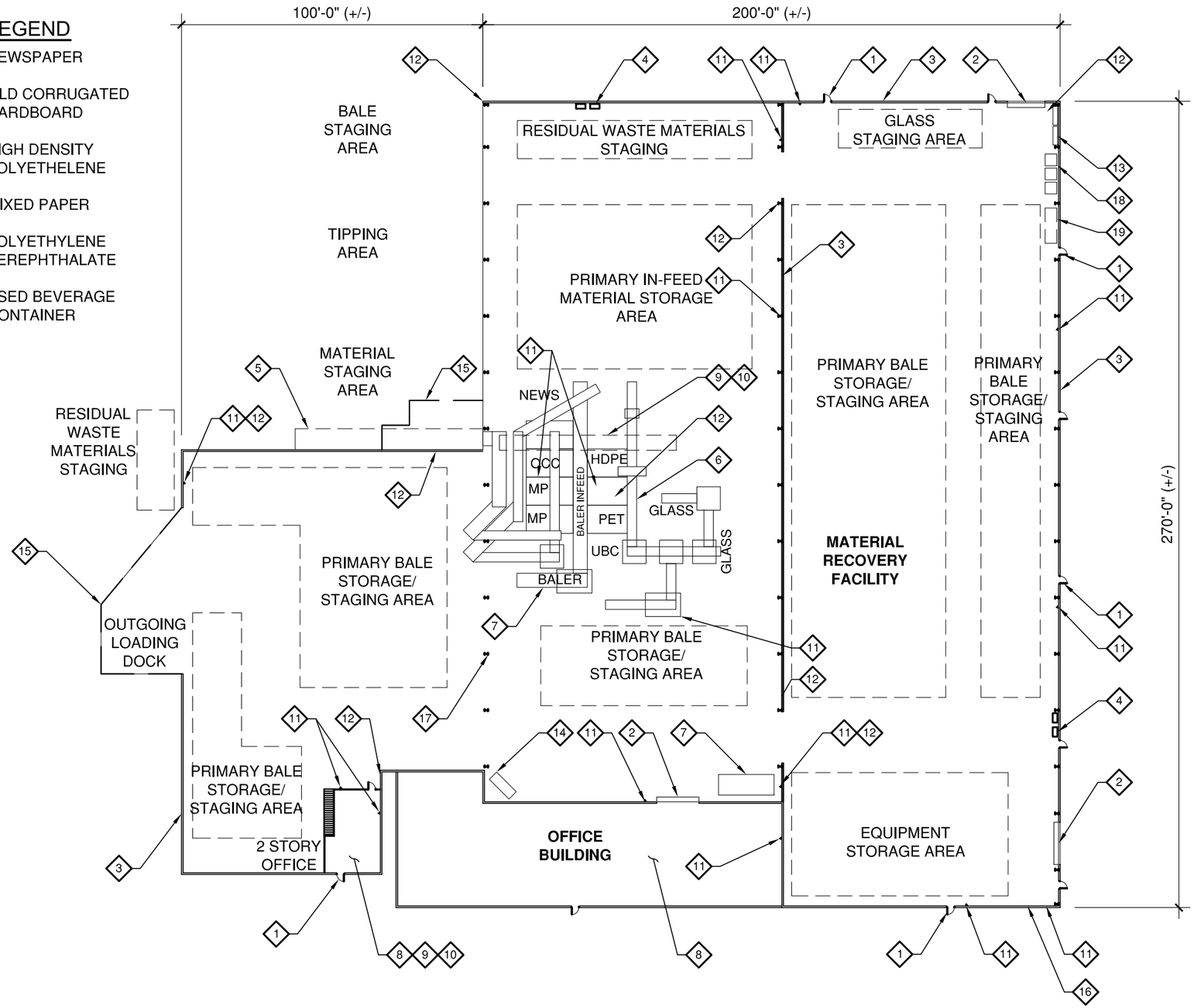
SCALE: AS NOTED	DATE: SEPTEMBER 20, 2018	CHECKED BY: J.D.		DRAWN BY: C.N.	JOB #: 5267

Figure 4

Floor Plan

MATERIALS LEGEND

NEWS	NEWSPAPER
OCC	OLD CORRUGATED CARDBOARD
HDPE	HIGH DENSITY POLYETHELENE
MP	MIXED PAPER
PET	POLYETHYLENE TEREPHTHALATE
UBC	USED BEVERAGE CONTAINER



KEYNOTES

1. EXISTING PEDESTRIAN DOOR
2. EXISTING OVERHEAD DOOR
3. EXISTING BUILDING WALL
4. EXISTING ELECTRICAL PANEL
5. EXISTING MATERIAL INFEED
6. EXISTING PROCESSING EQUIPMENT
7. EXISTING BALER
8. EXISTING EMPLOYEE BREAKROOM & RESTROOMS
9. EYE WASH STATION
10. FIRST AID KIT
11. FIRE EXTINGUISHER
12. FIRE HOSE
13. PROPANE TANK STORAGE
14. AIR COMPRESSOR
15. BUILDING CANOPY
16. HAZARDOUS MATERIAL CABINET / LOCKER
17. LOCKOUT TAGOUT STATION
18. E-WASTE STORAGE
19. METAL STORAGE BIN

SCALE: NTS

PROJECT:

1820 10th STREET SITE

OAKLAND, CA

PREPARED BY:

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OAKLAND, CA 94607
T. 510.832.8111
WWW.CALWASTE.COM

FOR: FACILITY PLAN

SHEET: FLOOR PLAN

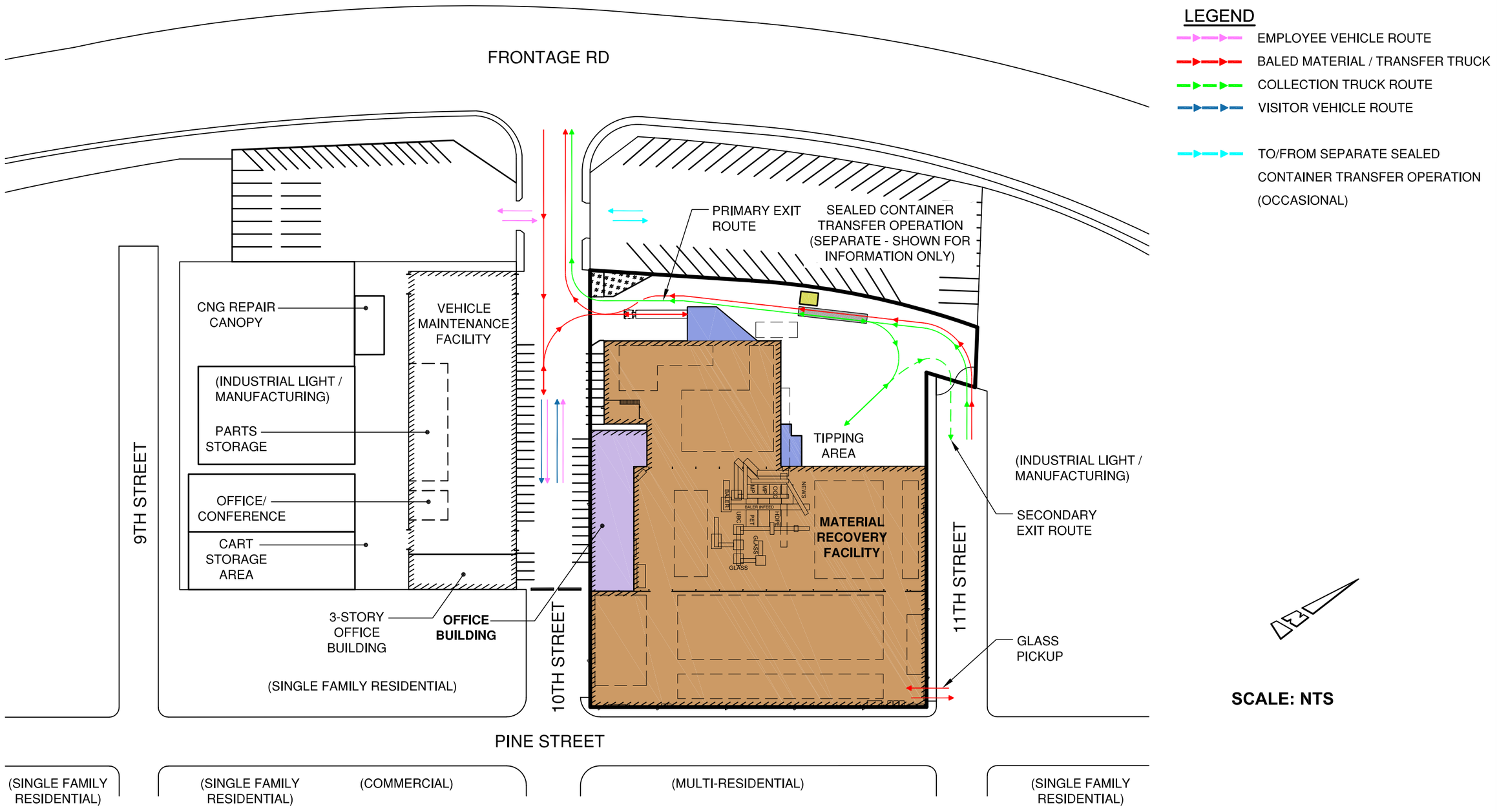
FIGURE: 4

SHEET TOTAL

SCALE: AS NOTED	DATE: SEPTEMBER 20, 2018	CHECKED BY: J.D.		DRAWN BY: C.N.	JOB #: 5267

Figure 5

Traffic Circulation Plan



PROJECT:	**1820 10th STREET SITE** OAKLAND, CA	**FOR:**	**FACILITY PLAN**
SHEET:	TRAFFIC CIRCULATION PLAN	**FIGURE:**	5 SHEET TOTAL

PREPARED BY: J.R. Miller & Associates, 2700 SATURN ST, BREA, CA 92821, T. 714.524.1870 F. 714.524.1875, WWW.JRMA.COM
DEI D. Edwards, Incorporated, 3040 SATURN ST. SUITE 107, BREA, CA 92821 T. 714.582.3288

OPERATOR: CALIFORNIA WASTE SOLUTIONS ZERO WASTE SPECIALISTS, 1820 10th STREET, OAKLAND, CA 94607, T. 510.832.8111, WWW.CALWASTE.COM

SCALE: AS NOTED	DATE: SEPTEMBER 20, 2018	CHECKED BY: J.D.		DRAWN BY: C.N.	JOB #: 5267

Appendix 1

Use Permit including the Conditions of Approval with Mitigation and Monitoring Measures and City of Oakland Non-Disposal Facility Element

CONDITIONS OF APPROVAL ATTACHED TO AN MADE A PART OF ZONING CASE NO. CM92-222.

1. That the site be developed in accordance with the plans dated August 1992 and the conditions of approval specified below.

2. That the project conform to the mitigation measures as specified in Negative Declaration ER92-69 and agreed to by the applicant in letter dated September 10, 1992.

3. That a parking plan showing the proposed 30 parking spaces onsite be submitted to the Director of City Planning and City Traffic Engineer for review and approval prior to operation of the site.

4. That the site be used only for processing and short-term storage (five (5) days maximum) of materials; and further that the site not be used for storage or processing of bulky metal goods including household appliances, disabled, abandoned vehicles or dismantling.

5. That the premises shall be kept clean and orderly. Materials collected for recycling shall be placed in bins or boxes which are closed or covered during the hours that the center is not open. If materials are left outside the premises by the public during hours when the operation is closed, such materials will be immediately disposed of properly on the next working day.

6. That the applicant shall submit a litter control and management plan to the satisfaction of the Director of City Planning that establishes a management schedule for keeping the premises and surrounding area in a one-block radius free from litter originating from the operation of the facility.

7. That the exterior of the building be repainted and a decorative design added to building walls along 10th, 11th and Pine Street to soften the appearance and break-up the linearity of the bleak facade. This revision shall be shown on the elevation plan and submitted to the Director of City Planning for review and approval prior to the issuance of building permits.

8. That street trees be provided to the satisfaction of the Director of Parks and Recreation.

9. That a landscape and irrigation plan, prepared by a licensed landscape architect or other qualified person, shall be submitted for approval within 60 days. That a continuous landscaped planter area located along the building perimeter be established with 5 feet of width or greater; that the planter area be landscaped with trees and shrubs which serve to screen the site particularly from the frontage road; and that all landscaping be installed prior to issuance of a final occupancy permit; and that all landscaping shall be permanently maintained.

* Application & study reports need to see

10. That the public streets or sidewalks not be used for the storage of materials.

11. That a sign clearly indicating the hours of operation and times open to the public be installed near the main entrance.

12. That all exterior signs and any changes to the exterior be approved by the Director of City Planning.

13. That a list of the markets where materials will be transported and/or, a schedule for transporting recycled materials away from the site, shall be provided to the Director of City Planning prior to issuance of building permits.

14. That 20 sq.ft. openings every 50 linear feet be provided along the building walls as required by the Fire Department.

15. That the applicant will be required to contact the City's Traffic Engineer to identify and implement an alternative route if traffic impacts arise along Wood Street as a result of the project.

16. That before 10th Street is improved, the applicant shall coordinate with Cal-Trans to ensure that the proposed entrances along 10th Street would be feasible; and provide verification to the Director of City Planning of such.

17. That the recycling facility shall not operate between the hours of 9:00 p.m. and 6:00 a.m. the next day.

18. That the Commission, after proper notification and public hearing, may consider modifying the conditions of approval or revoking the use permit if the conditions are not being met or there are violations of the zoning ordinance.

19. That this permit shall become effective upon satisfactory compliance with the above conditions. Failure to obtain required building permits by October 7, 1993 shall invalidate this approval, provided further that, upon written request the Director of City Planning may grant a one (1) year extension of this date, with additional extensions subject to approval by the City Planning Commission.

ADOPTED BY: City Planning Commission: October 7, 1992 (date) 3 ayes, 1 noe (to approve) (vote)
City Council _____ (date) _____ (vote)

ER 92-69

The following measures, if incorporated into the project, would reduce the identified potential adverse impacts to a level of insignificance:

1. The applicant shall comply with the following Fire Prevention Bureau recommendations:

   a. That 20 sq.ft openings every 50 linear feet be provided along the building walls.
   b. That the height of combustible storage e.g. paper and cardboard not exceed 12 feet.
   c. That one fire extinguisher and exit sign as required by the Fire Marshall be provided every 2,500 - 3,000 sq.ft. along the interior perimeter of each building.
   d. That an onsite fire hydrant be provided at a location prescribed by the Fire Marshall.
   e. That address signs be installed per the Oakland Municipal Code Section 7-2.10.
   f. That the project remain as a single-use occupancy and no mixture of occupancies occur.

2. The applicant shall submit a revised site plan prior to issuance of building permits which demarks the automobile and truck paths striping on the building floor.

3. Each morning and after close of business, station staff shall examine the area outside of the facility within a two block radius and collect all litter associated with the project.

4. The premises shall be maintained in a clean and orderly condition free of vectors, and free of standing water and any odoriferous waste. No oil, grease, petroleum products or other harmful hazardous or noxious liquids shall be allowed to run off the yard or be absorbed into the ground.

5. A plan describing measures to secure the facility from unauthorized entry or removal of material and goods shall be submitted prior to issuance of building permits.

6 The bins used for recycling pick-up shall be clearly marked to identify the type of material and goods that may be deposited. ~~and shall display a notice stating that no material or goods shall be left outside the recycling containers.~~ There shall also be a sign stating that cans and bottles should be rinsed prior to deposit in the bins.

7. Prior to the issuance of building permits, the applicant shall have the lead contaminated soil disposed of an approved landfill, as recommended in the Applied Remedial Services soil investigation report, and shall provide evidence to the satisfaction of the Director of City Planning that the site has been cleaned up in accordance with applicable State and Federal regulations.

ADOPTED BY: City Planning Commission: October 7, 1992 (date) 3 ayes, 1 noe (to approve) (vote)
City Council _____ (date) _____ (vote)

Attachment K
Processing Facility's Relationship to Neighborhood

To address concerns expressed by neighbors of California Waste Solutions' (CWS) facility located at 1820 Tenth Street, Oakland, which is used to process recycling materials, CWS has agreed to take the following actions:

1. CWS will hire a pest control management firm to evaluate the facility and implement a vector control management program. CWS will implement a vector control management program no later than 60 days after execution of this Agreement.

   The following has been added to Section 14.2.4.2 Service Performance Standards; Liquidated Damages for Failure to Meet Standards: Failure to implement or maintain the vector control management program shall result in liquidated damages being assessed in the amount of $25 dollars a day.

2. CWS will adjust the opening hour of its California Redemption Value (CRV) buyback operation to 10:00 a.m. to assist in reducing the shopping cart noise in the surrounding neighborhood. The buyback hours of operation shall be adjusted no later than 30 days after execution of this Agreement.

   The following has been added to Section 14.2.4.2 Service Performance Standards; Liquidated Damages for Failure to Meet Standards: Failure to notify the City of any changes in the CRV buyback hours of operation shall result in liquidated damages being assessed in the amount of $ 25 dollars a day.

3. CWS will install and maintain landscaping in good condition along the Tenth Street portion of its property in an amount not to exceed $5,000. CWS will install landscaping, subject to City approval, within 90 days after CalTrans completes construction adjacent to the property located at 1820 Tenth Street.

   Should CWS fail to install landscaping within 90 days after CalTrans completes construction adjacent to the property located at 1820 Tenth Street, the City shall notify CWS that it shall arrange for landscaping to be installed, in an amount not to exceed $5,000 and shall deduct the amount from the CWS monthly payment amount.

which that decision is based, including the Conditions of Approval, subject to the following amendments to said Conditions of Approval contained within the aforementioned Exhibit "A", to be attached to and made a part of Zoning Case No. CM92-222:

"5. That the premises shall be kept clean and orderly. Materials collected for recycling shall be placed in bins or boxes which are closed or covered during the hours that the center is not open. If materials are left outside the premises by the public during hours when the operation is closed, such materials will be immediately disposed of properly on the next working day. The name and phone number of the responsible employee to be notified of dumping problems and litter issues shall at all times be posted on the exterior of the building, in plain view from the public right-of-way and/or street.

6. That within 60 days from the date of approval the applicant shall submit a litter control and management plan to the satisfaction of the Director of City Planning and Office of Public Works maintenance services that establishes a management schedule for keeping the premises and surrounding area in a one-block radius free from litter."

FURTHER RESOLVED: That the City Council finds and determines that this Resolution complies with the California Environmental Quality Act and all local CEQA implementing regulations.

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I certify that the foregoing is a full, true and correct copy of a Resolution passed by the City Council of the City of Oakland, California on DEC 15 1992

ABRECE JAMESON
City Clerk

Helen Belden

CITY OF OAKLAND
NON-DISPOSAL FACILITY ELEMENT

NON-DISPOSAL FACILITY ELEMENT OBJECTIVES

The purpose of this Element is to identify and describe existing and planned Non-disposal Facilities (NDFs) to be used by the City of Oakland to assist in complying with the waste diversion goals prescribed by the California Integrated Waste Management Act of 1989 (AB939). This Element addresses use of facilities in attainment of the solid waste diversion goals as outlined in the City of Oakland Source Reduction and Recycling Element.

NDFs include transfer and processing stations, including materials recovery facilities and composting facilities. Recycling facilities that receive sorted materials and other facilities that are not required to obtain a State Solid Waste Facility Permit do not normally fall under the definition of NDFs. Facilities not defined as a NDF and identified by the City to recover materials generated in Oakland are included in this Element.

A proposed new NDF or NDF expansion cannot be considered for development until it has been included and described in the Non-disposal Facility Element of the jurisdiction in which it is located. Proposed facilities must also comply with appropriate project specific California Environmental Quality Act (CEQA) environmental review, local land use permitting process, and the permit processes of various other federal, state, regional and countywide agencies. In addition, the Alameda County Waste Management Authority, the Joint Powers Authority for waste management planning in Alameda County, must make a determination of conformance as to whether or not the proposed new or expanded NDFs conform to the Countywide Element of the Countywide Integrated Waste Management Plan (CoIWMP).

The following sections provide information related to the only currently identifiable NDFs and other facilities used by the City of Oakland. Provided below is a description of the type of facility, location, types of material targeted for diversion, land use designation and permit status, and facility size and maximum capacity.

The City of Oakland will consider use of additional facilities to implement SRRE programs as these facilities are developed. Materials that may be diverted to additional facilities primarily include commercial recyclables and organic materials.

CITY OF OAKLAND NON-DISPOSAL FACILITY ELEMENT

SECTION 1: EXISTING NON-DISPOSAL FACILITIES OUTSIDE THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

1.1 Introduction:

The City of Oakland has identified one (1) NDF outside the City of Oakland used to implement SRRE programs.

1.2 Facility Name:

Davis Street Station for Material Recycling and Transfer

1.3 Facility Address:

Davis Street Station for Material Recycling and Transfer
2615 Davis Street
San Leandro, CA 94577

1.4 Facility Type:

The Davis Street Station for Material Recycling and Transfer is a solid waste transfer station and processing facility for organic waste and various recyclables from residential programs and the on site buy-back center.

1.5 Type of Materials Accepted for Diversion from Landfill Disposal:

Recoverable materials currently delivered to the Davis Street Station for Materials Recycling and Transfer include residential recyclables collected through the curbside and multi-family recycling program and organic waste delivered by self-haul vehicles and City owned trucks.

Residential recyclables delivered to the facility include:

Glass containers (bottles and jars)
Aluminum containers
Steel and bi-metal containers
High Density Polyethylene (HDPE) containers
Polyethylene terephthlate (PET) containers
Old newsprint (ONP)
Mixed waste paper (chipboard, telephone books, junk mail, computer paper, white ledger and other mixed paper)
Used motor oil
Corrugated cardboard

Delivery of residential recyclables to this facility is anticipated to be discontinued in late 1993 as processing capacity is shifted to another location located within the City of Oakland.

Organic material generated in Oakland by the Offices of Public Works and Parks and Recreation are delivered to this facility for recovery. The quantity of organic waste delivered to this facility by City owned trucks and self-haul vehicles will be monitored in the future.

1.6 Land Use Designation:

The facility is zoned I3, General Industrial.

1.7 Land Use Permit Status:

The facility is currently operating under a City of San Leandro Conditional Use Permit and Alameda County Department of Environmental Health Operating Permit for Facilities Receiving Solid Waste.

1.8 Facility Size:

The site is 53 acres.

1.9 Maximum Capacity:

The maximum capacity is not to exceed 5,000 tons per day.

SECTION 2: EXISTING FACILITIES OUTSIDE THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

2.1 Introduction:

The City of Oakland has identified one (1) facility outside the City of Oakland used to implement SRRE programs.

2.2 Facility Name:

Pacific Rim Recycling

2.3 Facility Address:

Pacific Rim Recycling
3690 Sprig Drive
Benicia, CA 94510

2.4 Facility Type:

The Pacific Rim Recycling facility processes source separated and commingled recyclables collected from residential and commercial sources throughout the San Francisco Bay Area.

2.5 Type of Materials Accepted for Diversion from Landfill Disposal:

Recoverable materials currently processed at Pacific Rim Recycling include:

Glass containers (bottles and jars)
Aluminum containers
Steel and bi-metal containers
High Density Polyethylene (HDPE) containers
Polyethylene terephthlate (PET) containers
Old newsprint (ONP)
Mixed waste paper (chipboard, telephone books, junk mail, computer paper, white ledger and other mixed paper)
Corrugated cardboard

2.6 Land Use Designation:

The facility is located in a industrial park.

2.7 Land Use Permit Status:

Pacific Rim Recycling is required to maintain a business license with the City of Benicia.

2.8 Facility Size:

The facility site encompasses 1.5 acres.

2.9 Maximum Capacity:

The maximum capacity is 15 tons per day.

SECTION 3: EXISTING NON-DISPOSAL FACILITIES WITHIN THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

3.1 Introduction:

The City of Oakland has identified one (1) NDF within the City of Oakland used to implement SRRE programs.

CITY OF OAKLAND NON-DISPOSAL FACILITY ELEMENT

3.2 Facility Name:

Waste Management of Alameda County
(formerly Oakland Scavenger Company)
Bay City Recycling Services 77th Avenue Recycling Facility

3.3 Facility Address:

Recycle America of Northern California
Waste Management of Alameda County
Bay City Recycling Services
800 77th Avenue
Oakland, CA 94621

3.4 Facility Type:

The Bay City Recycling Services (BCRS) 77th Avenue Recycling Facility can be characterized as a materials recovery facility (MRF) or as a mixed solid waste recycling facility. When the facility becomes fully operational it will serve the public as a buy-back center, as well as selected commercial and residential clients now provided solid waste and recycling collection by Waste Management of Alameda County (WMAC) and BCRS, respectively. The facility is designed to sort and process residential recyclables collected through various residential (i.e., curbside and multi-family) recycling programs and commercial recyclables currently delivered to the Davis Street Station for Material Recycling and Transfer.

The BCRS 77th Avenue Recycling Facility will sort and process recyclable materials delivered to the facility by the public, WMAC refuse collection vehicles and residential recycling collection vehicles and BCRS commercial recycling collection vehicles.

Residual, non-recyclable solid wastes will be compacted and taken to the Davis Street Station for Material Recycling and Transfer or to WMAC's Altamont Landfill in eastern Alameda County.

3.5 Type of Materials Accepted for Diversion from Landfill Disposal:

The materials targeted for diversion will be only non-hazardous solid waste generated by households and commercial businesses. The types of materials generally accepted at the facility include:

Glass containers (bottles and jars)
Aluminum containers
Steel and bi-metal containers
High Density Polyethylene (HDPE) containers
Polyethylene terephthlate (PET) containers
Old newsprint (ONP)
Office paper (computer paper, white ledger and mixed office paper)
Corrugated cardboard
Chipboard
Mixed household waste paper
Scrap metal (both ferrous and non-ferrous)
Wood waste (tree trimmings, wood roof shingles, lumber, etc.)
Used motor oil

The materials targeted for processing at the facility are generally expected to contain minimal liquid content. The facility will not accept any hazardous waste, designated waste, or wastes requiring special handling procedures.

3.6 Land Use Designation:

The site is zoned M-30, General Industrial.

3.7 Land Use Permit Status:

An environmental determination was filed by the City of Oakland Planning Department with the State Clearinghouse, #SCH92063009, ending July 8, 1992, for a negative declaration. Subsequently the City of Oakland issued a Major Conditional Use Permit on August 19, 1992. The solid waste recycling facility permitted for operation will receive non-hazardous solid waste materials consisting of household recyclable materials and selected commercial recyclable materials from businesses in the service area.

The Local Enforcement Agency, the Alameda County Department of Environmental Health, issued a Operating Permit for Facilities Receiving Solid Waste, #01-AA-0269, on July 2, 1993.

Operation of the facility does not require permits from the Bay Area Air Quality Management District or the Regional Water Quality Control Board.

3.8 Facility Size:

The facility site encompasses 3.97 acres and contains 36,130 sq. ft. of building area housed in three main buildings.

3.9 Maximum Capacity:

The maximum daily capacity of the facility will be 600 tons per day (TPD) per 24 hour period. The facility is anticipated to be operational 7 days per week with the exception of major holidays. The average daily output of recyclables is anticipated to be approximately 250 tons, and 50 TPD for the buy-back center located at the facility.

3.10 Location Map:

See Attachment A.

3.11 Land Use Map:

See Attachment B.

SECTION 4: EXISTING FACILITIES WITHIN THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

4.1 Introduction:

The City of Oakland has identified one (1) facility within the City of Oakland used to implement SRRE programs.

4.2 Facility Name:

California Waste Solutions

4.3 Facility Address:

California Waste Solutions
1820 10th Street
Oakland, CA 94607

4.4 Facility Type:

The facility is designed to sort and process residential recyclables collected through residential (i.e., curbside and multi-family) recycling programs and commercial recyclables. In addition, the facility operates as a buy-back/drop-off center.

4.5 Type of Materials Accepted for Diversion from Landfill Disposal:

The types of materials processed at the facility include:

Glass containers (bottles and jars)
Aluminum containers
Steel and bi-metal containers
High Density Polyethylene (HDPE) containers
Polyethylene terephthlate (PET) containers
Old newsprint (ONP)
Office paper (computer paper, white ledger and mixed office paper)
Corrugated cardboard
Chipboard
Mixed household waste paper
Scrap metal (both ferrous and non-ferrous)
Wood waste (tree trimmings, wood roof shingles, lumber, etc.)
Used motor oil

4.6 Land Use Designation:

The site is zoned M-20, Light Industrial and R-36, Small Lot Residential Zones.

4.7 Land Use Permit Status:

The City of Oakland issued a Major Conditional Use Permit on December 15, 1992. The recycling facility was permitted for receipt, processing and short term storage of recyclables materials.

4.8 Facility Size:

The facility site encompasses 2.2 acres and contains 58,800 sq. ft. of building area housed in four industrial buildings and a small office.

4.9 Maximum Capacity:

The maximum daily capacity of the facility will be 400 tons per day (TPD).

4.10 Location Map:

See Attachment C.

SECTION 5: PROPOSED EXPANDED NON-DISPOSAL FACILITIES WITHIN THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

This section does not apply.

SECTION 6: PROPOSED NEW NON-DISPOSAL FACILITIES WITHIN THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

This section does not apply.

CITY OF OAKLAND NON-DISPOSAL FACILITY ELEMENT

NON-DISPOSAL FACILITY ELEMENT OBJECTIVES

The purpose of this element is to identify and describe existing and/or planned Non-Disposal Facilities (NDFs) to be utilized by the City of Oakland in attaining the waste reduction goals identified in the City's Source Reduction and Recycling Element. NDFs include transfer and processing stations, material recovery facilities (MRFs) that receive unsorted waste, and composting facilities. Recycling facilities that receive sorted materials and other facilities that do not require County solid waste facility permits normally do not fall under this definition of NDFs.

A proposed new NDF or NDF expansion in Oakland cannot be considered for development until it has been identified and described in the City's Non Disposal Facility Element (NDFE). Each proposed facility must also comply with appropriate project specific CEQA environmental review, the land use permitting process, and the permit processes of various other federal, state, regional and countywide agencies. In addition, the Alameda County Waste Management Authority, the Joint Powers Authority for Alameda County waste management planning, must make a determination of conformance as to whether or not proposed new or expanded NDFs conform to the Countywide Element of County Integrated Waste Management Plan (CoIWMP).

This NDFE amends the previously approved NDFE in 1994. The amended NDFE discusses changes to facilities previously identified in the City's approved NDFE and identifies two new facilities that the City currently uses to achieve its waste diversion goals. Additionally, all facilities identified within the City of Oakland do not have a solid waste facility permit, but have nonetheless been included to provide the State with a more complete picture of the City's waste reduction activities. The amendments include:

(1) Changes to Facilities outside the City of Oakland Used to Implement SRRE Programs:

- In July 2002, a Material Recovery Facility was added to the Davis Street Transfer Station for Material Recycling and Transfer Station (DSTSMR-&-TS) increasing its current processing capacity from 5,000 to 5,308 tons per day.
- In June 1997, Karl's Pacific Rim Recycling (KPRR) Service contract that expired on December 31, 1997 was assigned to California Waste Solutions. KPRR ceased to collect and process recyclables generated from the City of Oakland. KPRR was identified in the City's initial NDFE.

(2) Changes to Facilities within the City of Oakland Used to Implement SRRE Programs:

- Smurfit-Stone Recycling located at 800-77th Avenue is used to achieve the City's waste diversion goals. The site previously was occupied by Bay Cities Recycling, and was identified in the City's initial NDFE.
- Capitol Recycling currently receives green waste, wood, and sheetrock. At the new facility Capitol will receive construction and demolition debris including inerts and green and wood waste. Capitol is proposing to be to be permitted as a Construction &

Demolition Inert facility under the new C&D tier permitting regulations adopted in August 2003 by the California Integrated Waste Management Board and needs to be included the City's NDFE.

- California Waste Solutions acquired a new processing facility located at 3300 Wood Street thus increasing its total maximum processing capacity from 400 tons to 700 tons per day.

The following sections provide detailed information about the facilities included in the City's amended NDFE.

EXISTING NON-DISPOSAL FACILITIES OUTSIDE THE CITY OF OAKLAND USED TO IMPLEMENT SRRE PROGRAMS

This facility has a solid waste facility permit.

Facility Name, Address, and Type
Davis Street Transfer Station for Material Recycling and Transfer Station (DSTSMR-&-TS)
2615 Davis Street
San Leandro, CA 94577

The DSTSMR-&-TS is a transfer station for municipal solid waste and a processing facility for various recyclables received from businesses, curbside programs, and an on-site drop-off and buy back center. The facility was identified in the City's NDFE approved in 1994.

Additionally, in July 2002 the construction of a 308-ton per day Materials Recovery Facility (MRF) was completed at the existing DSTSMR-&-TS site. The MRF processes mixed dry loads from roll-off and public self-haul sources including C&D loads. The MRF replaced the initial mini 100-ton per day MRF, thus increasing diversion rates by approximately 22%.

Curbside recyclables collected from local communities are processed on site. The Recycling Center offers buyback and drop-off services for cans, bottles, papers and wine bottles. The Convenience Area for Recycling (C.A.R.E) Center offers bulky goods recycling for major appliances, clean fill/dirt, scrap metal, concrete, porcelain toilets and sinks and foam pad. There is a waste oil collection center for used motor oil. Yard materials and wood waste are collected and processed. Some of this material is sent off-site for composting.

Type of Materials Accepted for Diversion from Landfill Disposal
Recoverable materials currently delivered to the (DSTSMR-&-TS) include residential recycling and yard waste, organic waste delivered by self-haul vehicles and City owned trucks, and mixed construction and demolition debris from roll-off and self-haul sources.

Residential recyclables delivered to the facility include:
Glass containers (bottles and jars)
Aluminum containers
Steel and bi-metal containers
Plastics (HDPE and PET containers)

Newspaper
Mixed paper
Corrugated cardboard
Used motor oil
Yard waste

Recyclables collected from multi-family residents may be delivered to Smurfit-Stone Recycling Company located at 800-77th Avenue in Oakland.

Organic material collected in Oakland by the Public Works Agency from City facilities are delivered to the DSTSMR-&-TS for recovery. In 2003 approximately 1,227 tons were delivered. Additionally in 2003 self-haul organic material from Oakland delivered to this facility is estimated to be 2,952 tons.

The mixed C&D loads generated from projects in Oakland are delivered to this facility for recovery. Materials targeted for recovery include: cardboard, paper, wood, metal, concrete, drywall, and greenwaste. In 2003 it is estimated that 148,540 tons were delivered from Oakland to the MRF and approximately 50%-60% was recovered.

Land Use Designation
The facility site is zoned I-2, General Industrial Zone.

Land Use Permit Status
The facility is currently operating under the City of San Leandro Conditional Use Permit #CU-96-1 Modified.

Facility size
The site is 53 acres.

Facility capacity
The maximum capacity at the facility is not to exceed 5,600 tons per day, based on the 1998 permit.

EXISTING NON-DISPOSAL FACILITIES WITHIN THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

This facility does not have a solid waste facility permit.

Facility Name, Address, and Type
Smurfit-Stone Recycling Company
800-77th Avenue
Oakland, CA 94621

Smurfit-Stone Recycling Company operates a material recovery facility. In 1997 Smurfit-Stone Recycling Company relocated from 3300 Wood Street to 800-77th Avenue. Previously, Bay City

Recycling Services (BCRS) operated at 800-77th Avenue and was identified in the City's NDFE approved in 1995.

Type of Materials Accepted for Diversion from Landfill Disposal
Smurfit-Stone Recycling Company diverts glass, metal (aluminum, steel and bi-metal containers), plastics (HDPE and PET), paper (newspaper, office paper, mixed paper), and cardboard. Waste Management of Alameda County, which is the franchise hauler in the City of Oakland and the recycling contractor for half the City, sends its commercial recycling trucks to this facility. Smurfit-Stone Recycling Company also receives and processes paper transferred from DSTSMR&TS.

Land Use Designation
The site is zoned as M-30, General Industrial Zone

Land Use Permit Status
Continued to use Major Conditional Used Permit #CM91394 issued for this site

Facility Size
The facility is approximately 4 acres and contains 36,130 square feet of building area housed in three main buildings.

Facility Capacity
The maximum capacity is 15,000 tons per day. Currently, the facility is not operating at full capacity.

EXISTING NON-DISPOSAL FACILITIES WITHIN THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

This facility is applying for a Construction and Demolition/Inert (CDI) debris tier permit with the California Integrated Waste Management Board and is proposing to be included in the City's NDFE.

New Facility Name, Address, and Type
Capitol Companies (presently known as Capitol Recycling)
440-High Street
Oakland, CA 94601

Type of Materials to be Accepted for Diversion from Landfill Disposal
The facility will receive construction and demolition debris, green and wood waste, and inerts including concrete, asphalt and or fiberglass roofing shingles, and brick. In addition to the City of Oakland, the facility will accept materials form jurisdictions in Alameda and Contra Costa Counties. Materials will be sorted and transferred to appropriate recycling and disposal facilities.

Participating jurisdictions
City of Oakland and Alameda County (Department of Environmental Health)

Land Use Designation
The new facility site is classified as Light Industrial in the City's Master Plan.

Land Use Permit Status
Capitol Recycling has applied for a Major Conditional Use Permit. The permit application is being reviewed by the City.

Facility size
The area of the building is approximately 30,976 square feet located on 2.5 acres of land.

Facility capacity
The facility is expected to have a capacity of 175 tons per day for construction and demolition and inert debris and between 100-200 cubic yards daily of organic materials. It is anticipated that the diversion rate will be up to 90%

EXISTING FACILITIES WITHIN THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

This facility does not have a solid waste permit and is included in the City's NDFE approved in 1995.

Facility Name, Address, and Type
California Waste Solutions
1820 10th Street, Oakland, CA 94607 AND
3300 Wood Street, Oakland, CA 94608

The facility is designed to sort and process residential recyclables collected through residential (i.e., curbside and multi-family) recycling programs and commercial recyclables. The facility no longer operates a buy back/drop-off center.

Type of Materials accepted for Diversion from Landfill Disposal.

The types of materials processed at the facility include:
Glass containers (bottles and jars)
Aluminum containers
Steel and bi-metal containers
High Density Polyethlene (HDPE) containers
Old newsprint (ONP)
Office paper (computer paper, white ledger and mixed office paper)
Corrugated cardboard
Chipboard
Mixed household waste paper
Scrap metal (both ferrous and non-ferrous)

Wood waste (tree trimmings, wood roof shingles, lumber etc)
Used motor oil

Land Use Designation
The site is zoned M-20, Light Industrial and R-36, Small Lot Residential Zones.

Land Use Permit Status
The City of Oakland issued a Major Conditional Use Permit on December 15, 1992 for the facility located at 1820-10th Street. The 3300 Wood Street facility operates under a business license issued by the City. Both facilities are permitted for receipt, processing and short term storage of recyclables materials.

Facility Size
The facility located at 10th Street site encompasses 2.2 acres and contains 58,800 sq. ft. of buildings area housed in four industrial buildings and a small office. The Wood Street facility is approximately 1.7 acres.

Maximum Capacity
The maximum daily capacity for the facility located at 1820-10th Street is 400 tons per day and 300 tons per day for the 3300 Wood Street facility. Therefore the combined maximum daily capacity for CWS is 700 tons per day.

NOTICE TO THE PUBLIC

Notice is hereby given that on **March 1, 2005** the Oakland City Council will hold a public hearing regarding the City's amended Non-Disposal Facility Element (NDFE) prior to adopting a resolution amending the NDFE. The public hearing is scheduled during the Oakland City Council's regular meeting at 7.00 p.m. in the City Council Chambers located at One Frank H. Ogawa Plaza, 3rd Floor, Oakland, California, 94612.

The amended NDFE identifies and describes existing and planned Non-Disposal Facilities (NDFs), not previously included in the City's initial NDFE, that can be used by the City to achieve its waste reduction goal of seventy-five (75) percent diversion. A proposed new NDF or NDF expansion cannot be considered for development in Oakland until it has been included and described in the City's NDFE.

Non-Disposal Facilities include solid waste transfer and processing stations, including materials recovery facilities and composting facilities. Recycling facilities that receive sorted materials are not required to obtain a Solid Waste Facility Permit and do not normally fall under the definition of NDFs. In 2003, adopted State Regulations (Construction and Demolition and Inert Debris Transfer/Processing Regulatory Requirements) require that Construction and Demolition Debris and Inert Debris (CDI) recycling facilities be added to the City's NDFE for consideration for State (CDI) permits.

Copies of the amended NDFE are available for public examination and copying at the Public Works Agency, Environmental Services Division, 250 Frank H. Ogawa Plaza, Suite 5301 Oakland, California, during its regular office hours of 8:30 a.m. to 5:00 pm.

Jeanette B. Edgerly
Training and Public Services Administrator

EXHIBIT 1

SECOND AMENDMENT
CITY OF OAKLAND NON-DISPOSAL FACILITY ELEMENT

SECOND AMENDMENT

This is the Second Amendment to the City of Oakland's Non-Disposal Facility Element (NDFE), which was approved in 1994 and amended in 2005.

This Second Amendment to the NDFE describes changes only to facilities within the City of Oakland and includes:

- adding Commercial Waste & Recycling, LLC (CWR), which processes limited amounts of Construction and Demolition (C&D) including Inert Debris. CWR is proposing to be permitted as a medium-sized Construction and Demolition Debris and Inert Debris (CDI) processing facility under the Cal Recycle CDI tiered permitting requirements. CWR may increase its processing capacity for C&D debris from twenty-five (25) up to one-hundred and fifty (150) tons per day, when permitted as a CDI processing facility.

- deleting Capitol Recycling, which has ceased to operate in the city of Oakland.

There are no changes to facilities operating outside the City of Oakland that are used to implement the selected programs identified in Oakland's Source Reduction and Recycling Element (SRRE).

NON-DISPOSAL FACILITY ELEMENT OBJECTIVES

The purpose of the NDFE is to identify and describe existing and/or planned Non-Disposal Facilities (NDFs) to be utilized by the City of Oakland in attaining the waste reduction goals identified in the City's SRRE. NDFs include transfer and processing stations, material recovery facilities (MRFs) that receive unsorted waste, and composting facilities. MRFs that receive sorted materials and other facilities that do not require County solid waste facility permits normally do not fall under this definition of NDFs.

A proposed new or expanded NDF in Oakland cannot be considered for development until it has been identified and described in the City's NDFE. Each proposed NDF must also comply with appropriate project-specific CEQA review, the land use permitting process, and the permit processes of various other federal, state, regional and countywide agencies. In addition, the Alameda County Waste Management Local Task Force must make a determination of conformance as to whether or not proposed new or expanded NDFs conform to the Countywide Element of County Integrated Waste Management Plan (CoIWMP).

The following section provides detailed information about CWR as identified in the Second Amendment to NDFE.

EXHIBIT 1

SECOND AMENDMENT
CITY OF OAKLAND NON-DISPOSAL FACILITY ELEMENT

CHANGES TO EXISTING NON-DISPOSAL FACILITIES WITHIN THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

ADD: COMMERCIAL WASTE & RECYCLING, LLC

Facility Name, Address, and Type
Commercial Waste & Recycling, LLC
725 Independent Road
Oakland, CA 94621

Commercial Waste Recycling (CWR) is a small volume Construction and Demolition Inert (CDI) Debris processing facility.

Type of Materials accepted for Diversion from Landfill Disposal
CWR is proposing to expand its CDI Debris processing capacity to a maximum of one-hundred and fifty (150) tons per day under the Construction and Demolition tier permitting regulations. CWR will continue to accept CDI Debris including but not limited to lumber, gypsum wallboard, cardboard and plant debris generated by construction and demolition work. CWR also will continue to receive clean wood and green waste generated from non-construction activities. Materials will be sorted and transferred to appropriate recycling facilities.

Anticipated Diversion Rate
CWR anticipates diverting sixty-five (65%) of all incoming materials. The remaining residue will be transferred to a landfill that implements further recycling and reuse.

Participating Jurisdictions
Alameda County jurisdictions including the City of Oakland and Contra Costa County jurisdictions.

Land Use Designation
The site is currently Zoned IG (General Industrial Zone Regulations), General Plan Designated as General Industrial. The IG zone allows for heavy industrial and manufacturing uses, transportation facilities, and warehousing and distribution.

Land Use Permit Status
CWR has met the City's zoning requirements for land use and is in compliance with the IG performance standards.

Facility Size
Facility size is approximately 28,800 square feet.

EXHIBIT 1

SECOND AMENDMENT
CITY OF OAKLAND NON-DISPOSAL FACILITY ELEMENT

Facility Capacity

The facility is expected to have up to one-hundred and fifty (150) tons per day processing capacity for CDI debris.

DELETE: CAPITOL COMPANIES (CAPITOL RECYCLING)

Capitol Companies (known as Capitol Recycling) is deleted from the City's NDFE as this company has ceased to operate in Oakland. This facility was permitted under the CDI tiered permit and accepted CDI materials for processing. The facility was located at 440-High Street Oakland, CA 94601.

THIRD AMENDMENT

This is the Third Amendment to the City of Oakland's Non-Disposal Facility Element (NDFE), which was approved in 1994, and amended in 2005 and 2010.

This Third Amendment to the NDFE describes changes only to facilities within the City of Oakland and includes:

- Adding Recology East Bay Organics Organic-Rich Materials Preprocessing Facility at the East Bay Municipal Utility District's Main Waste Water Treatment Plant

There are no changes to facilities operating outside the City of Oakland that are used to implement the selected programs identified in Oakland's Source Reduction and Recycling Element (SRRE).

NON-DISPOSAL FACILITY ELEMENT OBJECTIVES

The purpose of the NDFE is to identify and describe existing and/or planned Non-Disposal Facilities (NDFs) to be utilized by the City of Oakland in attaining the waste reduction goals identified in the City's SRRE. NDFs include transfer and processing stations, material recovery facilities (MRFs) that receive unsorted waste, and composting facilities. MRFs that receive sorted materials and other facilities that do not require County solid waste facility permits normally do not fall under this definition of NDFs.

A proposed new or expanded NDF in Oakland cannot be considered for development until it has been identified and described in the City's NDFE. Each proposed NDF must also comply with appropriate project-specific CEQA review, the land use permitting process, and the permit processes of various other federal, state, regional and countywide agencies.

The following section provides detailed information about Recology East Bay Organics as identified in the Third Amendment to NDFE.

THIRD AMENDMENT
CITY OF OAKLAND NON-DISPOSAL FACILITY ELEMENT

CHANGES TO EXISTING NON-DISPOSAL FACILITIES WITHIN THE CITY OF OAKLAND USED TO IMPLEMENT THE CITY OF OAKLAND'S SRRE PROGRAMS

ADD: RECOLOGY EAST BAY ORGANICS

Facility Name, Address, and Type
Recology East Bay Organics
Organic-Rich Materials Preprocessing Facility
EBMUD's MWWTP
2020 Wake Avenue
Oakland, CA 94607

The Organic-Rich Materials Preprocessing Facility will be utilized as an on-site preprocessing operation to remove non-digestible materials from source-separated food scraps in order to provide organic-rich feedstock directly to East Bay Municipal Utility District's anaerobic digester.

Type of Materials Accepted for Diversion from Landfill Disposal
The Preprocessing Facility will be designed to receive, process, and route up to 600 tons of organic-rich materials per day. These organic-rich materials include food scraps and a minimal amount of yard debris materials such as yard clippings and trimmings. The food scraps will consist of raw and cooked vegetables and animal materials. These materials will be source-separated, processed, and dispatched to EBMUD's adjacent Front-End Processing Facility for anaerobic digestion.

Anticipated Diversion Rate
The Preprocessing Facility is anticipated to divert approximately 80 to 90 percent of the incoming materials each operating day. Dependent on the characteristics of the material, the remainder will be dispatched to a Municipal Recycling Facility and/or landfill as appropriate. Materials diverted to a MRF would include any recyclables captured during processing.

Participating Jurisdictions
The Preprocessing Facility is anticipated to serve Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma Counties.

Land Use Designation
The City of Oakland General Plan Land Use designation for the site is "General Industry and Transportation". This classification supports a variety of uses including: heavy industrial and manufacturing uses, distribution and warehousing, food processing, heavy impact research, and other uses of a similar nature.

Land Use Permit Status

The current zoning for the project site is Industrial General (IG). The proposed use is classified as Industrial Transfer/Storage Facility under the City of Oakland Zoning Ordinance. However, the project site is located within the land use jurisdiction of the Port of Oakland, and requires approval of a Port of Oakland Development Permit which is currently under consideration. Land uses on surrounding properties include: wastewater treatment plant, vacant land, major highways, industrial uses, materials and container storage, trucking, and port operations. The closest residence is located over 3,000 feet from the Preprocessing Facility.

Environmental review and analysis per the requirements of the California Environmental Quality Act (CEQA) is complete, and a combined Program/Project Environmental Impact Report (EIR) for EBMUD's Main Wastewater Treatment Plant Land Use Master Plan was prepared and adopted by EBMUD Board of Directors on June 28, 2011 which included the Preprocessing Facility. As a separate and independent basis, adoption or updates to Non-Disposal Facility Elements are statutorily exempt from CEQA pursuant to Public Resources Code Section 41735(a).

Facility Size

Facility size is approximately 59,680 square feet.

Facility Capacity

The facility is expected to have up to six hundred (600) tons per day processing capacity for organic rich material.

Appendix 2

(CCR) Title 14, Division 7, Chapter 5, Article 3.2 §18221. 5 and §18221.6 and Chapter 3, Articles 6.1 through 6.35, §17406.1 through §17419.2

Chapter 3. Minimum Standards for Solid Waste Handling and Disposal

Article 6.1 | Article 6.2 | Article 6.3 | Article 6.35 | Article 6.4

Article 6.1. Siting and Design

Section: 17406.1 | 17406.2

Section 17406.1. Siting On Landfills.

(a) Operations and facilities or portions thereof, located atop fully or partially closed solid waste landfills shall meet postclosure land use requirements pursuant to Title 27, California Code of Regulations, section 21190.

(b) Operations and facilities or portions thereof, located on intermediate cover on a solid waste landfill shall locate operations areas on foundation substrate that is stabilized, either by natural or mechanical compaction, to minimize differential settlement, ponding, soil liquefaction, or failure of pads or structural foundations.

(c) Operations and facilities or portions thereof, located on intermediate cover on a solid waste landfill shall be operated in a manner not to interfere with the operations of the landfill or with the closure or postclosure maintenance of the landfill.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17406.2. General Design Requirements.

(a) The design of a new operation or facility shall utilize expert advice, as appropriate, from persons competent in engineering, architecture, landscape design, traffic engineering, air quality control, and design of structures.

(b) The design shall be based on appropriate data regarding the expected service area, anticipated nature and quantity of wastes to be received, climatological factors, physical settings, adjacent land use (existing and planned), types and number of vehicles anticipated to enter the operation or facility, adequate off-street parking facilities for transfer vehicles, drainage control, the hours of operation and other pertinent information. If the operation or facility is to be used by the general public, the design shall take account of safety features that may be needed to accommodate such public use.

(c) The operation or facility shall be designed in such a manner as to restrict the unloading area to as small an area as practicable, provide adequate control of windblown material, minimize the propagation or attraction of flies, rodents or other vectors and the creation of nuisances by reason of solid wastes being handled at the operation. Other factors which shall be taken into consideration are: dust control, noise control, public safety, and other pertinent matters related to the protection of public health at the operation or facility.

(d) In reviewing the design of a proposed operation or facility, the EA may require the applicant to describe how he or she has complied with applicable local and state requirements regarding odor control measures, personnel health and safety, and sanitary facilities.

(e) Solid waste storage containers shall be durable, easily cleanable, designed for safe handling, and constructed to prevent loss of wastes from the container during storage. If such a container is used to store garbage, other wet or liquid producing wastes, or wastes composed of fine particles, such container shall in all cases be non-absorbent and leak-resistant. Unloading areas shall be easily cleanable, designed for safe handling, and constructed to prevent loss of wastes.

Note:

Authority cited: SSections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Article 6.2. Operating Standards.

Sections: 17407.1 - 17407.5 | 17408.1 - 17408.8 | 17409.1 - 17409.6 | 17410.1 - 17410.4

Section 17407.1. Burning Wastes and Open Burning.

(a) If burning wastes are received at an operation or facility, they shall be separated from other wastes and deposited in a safe area, spread, and extinguished. A safe area is defined as being away from unloading, transfer, or processing areas, structures on adjacent properties and other fire hazard areas.

(b) Open burning of solid waste, except for the infrequent burning of agricultural wastes, silvicultural wastes, landclearing debris, diseased trees, or debris from emergency clean-up operations, or any other wastes as approved by local regulatory agencies, approved by the EA, local air district, and local fire department, is prohibited at all operations and facilities.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17407.2. Cleaning.

(a) Operations, facilities, and their equipment, boxes, bins, pits and other types of containers shall be cleaned using the following schedule, or at a lesser frequency approved by the EA, in order to prevent the propagation or attraction of flies, rodents, or other vectors:

(1) all operations and facilities shall be cleaned each operating day of all loose materials and litter;

(2) all operations or facilities that operate 24 hours per day must clean the operations or facilities at least once every 24 hours.

(b) The entrance and exit shall be cleaned at a frequency which prevents the tracking or off-site migration of waste materials.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17407.3. Drainage Control.

(a) Drainage at all operations and facilities shall be controlled to:

(1) minimize the creation of contact water;

(2) prevent to the greatest extent possible given existing weather conditions, the uncontrolled off-site migration of contact water;

(3) protect the integrity of roads and structures;

(4) protect the public health; and

(5) prevent safety hazards and interference with operations.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17407.4. Dust Control.

(a) The operator shall take adequate measures to minimize the creation, emission, or accumulation of excessive dust and particulates, and prevent other safety hazards to the public caused by obscured visibility. The operator shall minimize the unnecessary handling of wastes during processing to prevent the creation of excessive dust. Measures to control dust include, but are not limited to: reduced processing, periodic sweeping and cleaning, misting systems or ventilation control. One or more of the following may be an indication that dust is excessive:

(1) safety hazards due to obscured visibility; or

(2) irritation of the eyes; or

(3) hampered breathing;

(4) migration of dust off-site.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17407.5. Hazardous, Liquid, and Special Wastes.

(a) An operation or facility shall not intentionally accept or store hazardous wastes, including batteries, oil, paint, and special wastes, unless it has been approved to handle the particular waste by the appropriate regulatory agencies. Such approvals shall be placed in the operating record.

(b) At operations and facilities where unauthorized hazardous wastes are discovered, control measures as are necessary to protect public health, safety and the environment, such as elimination or control of dusts, fumes, mists, vapors or gases shall be taken prior to isolation or removal from the operation or facility,

(c) Liquid wastes and sludges shall not be accepted or stored at an operation or facility unless the operator has written approval to accept such wastes from the appropriate agencies and the EA. The EA shall authorize acceptance of these wastes only if the operation, facility, and the transfer vehicles are properly equipped to handle such wastes in a manner to protect public health, safety, and the environment.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17408.1. Litter Control.

Litter at operations and facilities shall be controlled, and routinely collected to prevent safety hazards, nuisances or similar problems and off-site migration to the greatest extent possible given existing weather conditions.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17408.2. Medical Wastes.

Medical waste, unless treated and deemed to be solid waste, which is regulated pursuant to the Medical Waste Management Act (commencing with section 117600 of the Health and Safety Code), shall not be accepted at an operation or facility, unless approved by the appropriate regulatory agency.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17408.3. Noise Control.

Noise shall be controlled to prevent health hazards and to prevent nuisance to nearby residents. Measures to control noise include but are not limited to: posting of warning signs that recommend or require hearing protection; separation by barriers that limit access to authorized personnel only; or, enclosures to reduce noise transmission. Compliance with specific provisions regarding noise control in a local land use approval, such as a conditional use permit or CEQA mitigation measures, shall be considered compliance with this standard.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17408.4. Non-Salvageable Items.

Drugs, cosmetics, foods, beverages, hazardous wastes, poisons, medical wastes, syringes, needles, pesticides and other materials capable of causing public health or safety problems shall not be salvaged at operations or facilities unless approved by

the local health agency and the EA.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17408.5. Nuisance Control.

Each operation and facility shall be conducted and maintained to prevent the creation of a nuisance. Compliance with specific provisions regarding nuisance control in a local land use approval, such as a conditional use permit or CEQA mitigation measures, shall be considered compliance with this standard.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17408.6. Maintenance Program.

All aspects of the operation or facility shall be maintained in a state of good repair. The operator shall implement a preventative maintenance program to monitor and promptly repair or correct deteriorated or defective conditions.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17408.7. Personnel Health and Safety.

The Injury, Illness, and Prevention Program (IIPP) shall be available for review by local and state inspectors during normal business hours. Nothing in this section is intended to make the EA responsible for enforcing the IIPP.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17408.8. Protection of Users.

An operation or facility shall be designed, constructed, operated, and maintained so that contact between the public and solid wastes is minimized. This may be accomplished through the use of railings, curbs, grates, fences, and/or spotters.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17409.1. Roads.

All on-site roads and driveways shall be designed and maintained to minimize the generation of dust and tracking of soil onto adjacent public roads. Such roads shall be kept in safe condition and maintained to allow vehicles utilizing the operation or facility to have reasonable all-weather access to the site.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17409.2. Sanitary Facilities.

The operator shall maintain all sanitary and hand-washing facilities in a reasonably clean and adequately supplied condition.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17409.3. Scavenging and Salvaging.

Each operation or facility shall meet the following requirements:

(a) scavenging shall be prohibited;

(b) salvaging of materials, such as metal, paper, glass and cardboard is permitted as an integral part of the operation, subject to conditions established by the EA, the local land use authority, or other approving agencies.

(c) salvaging activities shall be conducted in a planned and controlled manner and not interfere with other aspects of site operation. Activities shall be conducted so as not to interfere with expeditious entry and exit of vehicles delivering waste to the transfer or processing operation or facility. Salvaging activities conducted at a transfer/processing operation or facility shall be confined to specified, clearly identified areas of the operation or facility, and controlled to prevent health, safety or nuisance problems;

(d) storage of materials salvaged from solid wastes shall be ancillary to the activities of the operation or facility unless such storage is planned as an integral part of the operation. Materials salvaged on-site shall be stored away from other activity areas in specified, clearly identifiable areas as noted in the Facility Plan or Transfer/Processing Report. They shall be arranged to minimize risk of fire, health and safety hazard, vector harborage, or other hazard or nuisance, and limited to a specified volume and/or duration as described in the Enforcement Agency Notification, Facility Plan, or Transfer/Processing Report.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17409.4. Signs.

(a) For operations or facilities not open to the public, each point of access from a public road shall be posted with an easily visible sign indicating the operation or facility name and location of nearest public operation or facility.

(b) If the operation or facility is open to the public, there shall be an easily visible sign at all public entrances indicating the name of the operator, the operator's telephone number, schedule of charges, hours of operation, and a listing of the general types of materials which either (1) WILL be accepted, or (2) WILL NOT be accepted.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17409.5. Loadchecking.

(a) The operator of an attended operation or facility shall implement a loadchecking program to prevent the acceptance of waste which is prohibited by this Article. This program must include at a minimum:

(1) the number of random loadchecks to be performed;

(2) a location for the storage of prohibited wastes removed during the loadchecking process that is separately secured or isolated;

(3) records of loadchecks and the training of personnel in the recognition, proper handling, and disposition of prohibited waste. A copy of the loadchecking program and copies of the loadchecking records for the last year shall be maintained in the operating record and be available for review by the appropriate regulatory agencies.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17409.6. Parking.

Adequate off-street parking area(s) shall be provided, if necessary, for transfer vehicles. Compliance with specific provisions regarding adequacy of off-street parking in a local land use approval, such as a conditional use permit or CEQA mitigation measures, shall be considered compliance with this standard.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17410.1. Solid Waste Removal.

(a) All solid wastes shall be removed at the following frequencies or at an alternate frequency approved by the EA, in order to prevent the propagation or attraction of flies, rodents or other vectors:

(1) operations shall remove solid wastes accepted at the site within 7 days from the date of receipt;

(2) facilities shall remove solid waste accepted at the site within 48 hours from the time of receipt.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17410.2. Supervision and Personnel.

The operator shall provide adequate supervision and a sufficient number of qualified personnel to ensure proper operation of the site in compliance with all applicable laws, regulations, permit conditions and other requirements. The operator shall notify the EA in writing of the name, address and telephone number of the operator or other person responsible for the operation. A copy of the written notification shall be placed in the operating record.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17410.3. Training.

Personnel assigned to the operation or facility shall be adequately trained in subjects pertinent to site solid waste operations and maintenance, hazardous materials recognition and screening, use of mechanized equipment, environmental controls, emergency procedures and the requirements of this Article. A record of such training history shall be maintained and made available for inspection.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17410.4. Vector, Bird and Animal Control.

The operator shall take adequate steps to control or prevent the propagation, harborage and attraction of flies, rodents, or other vectors, and animals, and to minimize bird attraction.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17411. Repealed.
Section 17412. Repealed.
Section 17413. Repealed.

Article 6.3. Record Keeping Requirements.

Section: 17414 | 17414.1

Section 17414. Record Keeping Requirements.

Each operator shall meet the following requirements:

(a) each operator shall maintain records of incoming weights or volumes and outgoing salvage or residual weights or volumes in a form and manner approved by the EA. Such records shall be: submitted to the EA or CIWMB upon request; be adequate for overall planning and control purposes; and, be as current and accurate as practicable;

(b) all records required by this Article shall be kept by the operator in one location and accessible for three (3) years and shall be available for inspection by the EA and other duly authorized regulatory agencies during normal working hours.;

(c) the operator shall submit copies of specified records to the EA upon request or at a frequency approved by the EA;

(d) the operator shall maintain a daily log book or file of special occurrences encountered during operations and methods used to resolve problems arising from these events, including details of all incidents that required implementing emergency procedures. Special occurrences shall include but are not limited to: fires, injury and property damage, accidents, explosions, receipt or rejection of prohibited wastes, lack of sufficient number of personnel pursuant to section 17410.2, flooding, earthquake damage and other unusual occurrences. In addition, the operator shall notify the EA by telephone within 24 hours of all incidents requiring the implementation of emergency procedures, unless the EA determines that a less immediate form of notification will be sufficient to protect public health and safety and the environment;

(e) the operator shall record any written public complaints received by the operator, 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;

(f) the operator shall maintain a copy of the written notification to the EA and local health agency of the name, address and telephone number of the operator or other person(s) responsible for the operations as required by section 17410.2;

(g) the operator shall maintain records of employee training as required by section 17410.3;

(h) all transfer/processing operations and facilities shall maintain records as required by section 18809 et seq.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17414.1. Documentation of Enforcement Agency Approvals, Determinations, and Requirements.

Approvals, determinations, and other requirements the EA is authorized to make under this Subchapter shall be provided in writing to the operator and placed in the operating record by the operator.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Article 6.35. Additional Operating Requirements for Facilities Only.

Section: 17415.1 | 17415.2 | 17416.1 | 17416.2 | 17416.3 | 17418.1 | 17418.2 | 17418.3 | 17419.1 | 17419.2

Section 17415.1. Communications Equipment.

Each facility shall have adequate communication equipment available to site personnel to allow quick response to emergencies.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17415.2. Fire Fighting Equipment.

Each Facility shall have fire suppression equipment continuously available, properly maintained and located as required by the local fire authority.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17416.1. Housekeeping.

The operator shall provide adequate housekeeping for the maintenance of facility equipment and shall minimize accumulations of fuel drums, inoperable equipment, parts, tires, scrap, and similar items.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17416.2. Lighting.

The facility and/or equipment shall be equipped with adequate lighting, either through natural or artificial means, to ensure the ability to monitor incoming loads, effectiveness of operations, and public health, safety and the environment.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17416.3. Equipment.

Equipment shall be adequate in type, capacity and number, and sufficiently maintained to allow the facility to meet all requirements of Articles 6.3 and 6.35 of these standards.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17418.1. Site Security.

The facility shall be designed to discourage unauthorized access by persons and vehicles through the use of either a perimeter barrier or topographic constraints.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17418.2. Site Attendant.

A facility open to the public shall have an attendant present during public operating hours or the facility shall be inspected by the operator on a regularly scheduled basis as approved by the EA to ensure that it meets all of the requirements of Articles 6.2, 6.3 and 6.35.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17418.3. Traffic Control.

(a) Traffic flow through the facility shall be controlled to prevent the following:

(1) interference with or creation of a safety hazard on adjacent public streets or roads,

(2) on-site safety hazards, and

(3) interference with operations.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17419.1. Visual Screening.

The facility shall have appropriate treatment of areas open to public view to create and maintain an aesthetically acceptable appearance as approved by the local land use authority, or if none exist, in consultation with the EA. Compliance with specific provisions regarding visual screening in a local land use approval, such as a conditional use permit, or CEQA mitigation measures shall be considered compliance with this standard.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 17419.2. Water Supply.

A safe and adequate water supply for drinking and emergency use (i.e.: first aid) shall be available.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Article 6.4. Repealed

Title 14 Home

Last updated: CalRecycle regulations are updated continuously as changes are made and approved by the Office of Administrative Law.
Regulations http://www.calrecycle.ca.gov/Laws/Regulations/
Legal Office: LegalSec@CalRecycle.ca.gov (916) 327-0089

Chapter 5. Enforcement of Solid Waste Standards and Administration of Solid Waste Facility Permits; Loan Guarantees

Article 3.2. Reports of Facility Information

Section: 18221.5 | 18221.5.1 | 18221.6 | 18221.6.1 | 18222 | 18223 | 18223.5 | 18223.6 | 18224 | 18225 | 18226 | 18227

Section 18220. Repealed.

Section 18221. Repealed.

Section 18221.5. Facility Plan.

Each operator of a Medium Volume Transfer/Processing Facility, or Direct Transfer Facility that is required to obtain a Registration Permit, as set forth in sections 17403.4 and 17403.6 and Title 14, Division 7, Chapter 5.0, Article 3.0, (commencing with section 18100) shall, at the time of application, file a Facility Plan or "Plan" with the EA as required in section 17403.8 of this Title. In order to maintain the permit, the operator must file amendments as necessary to maintain the accuracy of the Facility Plan required in section 17403.8 of this Title. Such amendments, or lack thereof, may become the basis for changes in the permit or for revocation of the permit. A Plan shall contain the following:

(a) name(s) of the operator, owner, and the company they represent, if applicable;

(b) schematic drawing of the building and other structures showing layout and general dimensions of the operations area, including, but not limited to, unloading, storage, loading, and parking areas;

(c) descriptive statement of the manner in which activities are to be conducted at the facility;

(d) days and hours that the facility is to operate. If the hours of waste receipt differ from the hours of material processing, each set of hours may be stated. For facilities with continuous operations, indicate the start of the operating day for purpose of calculating amount of waste received per operating day. The operator may also indicate whether or not, and when, other activities, such as routine maintenance will take place, if those activities will occur at times other than those indicated above;

(e) total acreage contained within the operating area;

(f) facility design capacity including the assumptions, methods, and calculations performed to determine the total capacity;

(g) information showing the types and the daily quantities of solid waste to be received. If tonnage was figured from records of cubic yards, include the conversion factor used;

(h) description of the methods used by the facility to comply with each state minimum standard contained in sections 17406.1 through 17419.2;

(i) anticipated volume of quench or process water and the planned method of treatment, and disposal of any wastewater;

(j) description of provisions to handle unusual peak loading;

(k) description of transfer, recovery and processing equipment, including classification, capacity and the number of units;

(l) planned method for final disposal of the solid waste;

(m) planned method for the storage and removal of salvaged material;

(n) resume of management organization which will operate the facility.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 18221.5.1. In-Vessel Digestion Facility Plan

Each operator of a Medium Volume In-vessel Digestion Facility that is required to obtain a Registration Permit, as set forth in section 17896.12 and Title 14, Division 7, Chapter 5.0, Article 3.0, (commencing with section 18100) shall, at the time of application, file an In-vessel Digestion Facility Plan ("Plan") with the EA as required in section 17896.14 of this Title. In order to maintain the permit, the operator must file amendments as necessary to maintain the accuracy of the Plan. Such amendments, or lack thereof, may become the basis for changes in the permit or for revocation of the permit. The Plan shall contain the following:

(a) name(s) of the operator, owner, and the company they represent, if applicable;

(b) schematic drawing of the building and other structures showing layout and general dimensions of the operations area, including, but not limited to, unloading, storage, loading, and parking areas;

(c) descriptive statement of the manner in which activities are to be conducted at the facility;

(d) days and hours that the facility is to operate. If the hours of waste receipt differ from the hours of material processing, each set of hours may be stated. For facilities with continuous operations, indicate the start of the operating day for purpose of calculating amount of waste received per operating day. The operator may also indicate whether or not, and when, other activities, such as routine maintenance will take place, if those activities will occur at times other than those indicated above;

(e) total acreage contained within the operating area;

(f) facility design capacity including the assumptions, methods, and calculations performed to determine the total capacity;

(g) information showing the types and the daily quantities of solid waste to be received. If tonnage was figured from records of cubic yards, include the conversion factor used;

(h) description of the methods used by the facility to comply with each state minimum standard contained in sections 17896.17 through 17896.61;

(i) anticipated volume of quench or process water and the planned method of treatment, and disposal of any wastewater;

(j) description of provisions to handle unusual peak loading;

(k) description of transfer, recovery and processing equipment, including classification, capacity and the number of units;

(l) planned method for final disposal of the solid waste;

(m) planned method for the storage and removal of salvaged material;

(n) resume of management organization which will operate the facility;

(o) An Odor Impact Minimization Plan pursuant to section 17896.31 and, if applicable, an Odor Best Management Practice Feasibility Report and associated plan pursuant to section 17896.30.

Note:

Authority cited: Sections 40502, 43020 and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 18221.6. Transfer/Processing Report.

Each operator of a Large Volume Transfer/Processing Facility that is required to obtain a Full Solid Waste Facility Permit, as set forth in Title 27, Division 2, Subdivision 1, Chapter 4, Subchapter 3, Articles 2.0 - 3.2, (commencing with section 21570) shall, at the time of application, file a Transfer/Processing Report or "Report" with the EA as required in section 17403.9 of this Title. In order to maintain an existing permit, the operator must file amendments as required in section 17403.9 of this Title and re-title the document as a Transfer/Processing Report. Such amendments, or lack thereof, may become the basis for changes in the permit or for revocation of the permit. A Report shall contain the following:

(a) name(s) of the operator, owner, and the company they represent, if applicable;

(b) facility specifications or plans, to include: a site location map, a site map, and identification of adjacent land uses and distances to residences or structures that are nearby and are within 1000 feet of the facility property line;

(c) schematic drawing of the building and other structures showing layout and general dimensions of the operations area, including, but not limited to, unloading, storage, loading, and parking areas;

(d) descriptive statement of the manner in which activities are to be conducted at the facility;

(e) days and hours the facility is to operate. If the hours of waste receipt differ from the hours of material processing, each set of hours may be stated. For facilities with continuous operations, indicate the start of the operating day for purpose of calculating amount of waste received per operating day. The operator may also indicate whether or not, and when, other activities, such as routine maintenance will take place, if those activities will occur at times other than those indicated above;

(f) total acreage contained within the operating area;

(g) facility design capacity including the assumptions, methods, and calculations performed to determine the total capacity;

(h) information showing the types and the daily quantities of solid waste to be received. If tonnage was figured from records of cubic yards, include the conversion factor used;

(i) description of the methods used by the facility to comply with each state minimum standard contained in sections 17406.1 through 17419.2;

(j) anticipated volume of quench or process water, and the planned method of treatment, and disposal of any wastewater;

(k) description of provisions to handle unusual peak loading;

(l) description of transfer, recovery and processing equipment, including classification, capacity and the number of units;

(m) planned method for final disposal of the solid waste;

(n) planned method for the storage and removal of salvaged material;

(o) resume of management organization which will operate the facility;

(p) list of permits already obtained, and the date obtained or last revised.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020, and 43021, Public Resources Code.

Section 18221.6.1. In-Vessel Digestion Report.

Each operator of a Large Volume In-vessel Digestion Facility that is required to obtain a Full Solid Waste Facility Permit, as set forth in Title 27, Division 2, Subdivision 1, Chapter 4, Subchapter 3, Articles 2.0-3.2, (commencing with section 21570) shall, at the time of application, file an In-vessel Digestion Report ("Report") with the EA as required in section 17896.15 of this Title. In order to maintain an existing permit, the operator must file amendments as required in section 17896.15 of this Title and re-title the document as an In-vessel Digestion Report. Such amendments, or lack thereof, may become the basis for changes in the permit or for revocation of the permit. A Report shall contain the following:

(a) name(s) of the operator, owner, and the company they represent, if applicable;

(b) facility specifications or plans, to include: a site location map, a site map, and identification of adjacent land uses and distances to residences or structures that are nearby and are within 1000 feet of the facility property line;

(c) schematic drawing of the building and other structures showing layout and general dimensions of the operations area, including, but not limited to, unloading, storage, loading, and parking areas;

(d) descriptive statement of the manner in which activities are to be conducted at the facility;

(e) days and hours the facility is to operate. If the hours of waste receipt differ from the hours of material processing, each set of hours may be stated. For facilities with continuous operations, indicate the start of the operating day for purpose of calculating amount of waste received per operating day. The operator may also indicate whether or not, and when, other activities, such as routine maintenance will take place, if those activities will occur at times other than those indicated above;

(f) total acreage contained within the operating area;

(g) facility design capacity including the assumptions, methods, and calculations performed to determine the total capacity;

(h) information showing the types and the daily quantities of solid waste to be received. If tonnage was figured from records of cubic yards, include the conversion factor used;

(i) description of the methods used by the facility to comply with each state minimum standard contained in sections 17896.17 through 17896.61;

(j) anticipated volume of quench or process water, and the planned method of treatment, and disposal of any wastewater;

(k) description of provisions to handle unusual peak loading;

(l) description of transfer, recovery and processing equipment, including classification, capacity and the number of units;

(m) planned method for final disposal of the solid waste;

(n) planned method for the storage and removal of salvaged material;

(o) resume of management organization which will operate the facility;

(p) list of permits already obtained, and the date obtained or last revised;

(q) An Odor Impact Minimization Plan pursuant to section 17896.31 and, if applicable, an Odor Best Management Practice Feasibility Report and associated plan pursuant to section 17896.30.

Note:

Authority cited: Sections 40502, 43020 and 43021, Public Resources Code.
Reference: Sections 40053, 43020 and 43021, Public Resources Code.

Section 18222. Repealed.

Section 18223. Facility Plan For Medium Volume Construction and Demolition/Inert Debris Processing Facilities and Medium Volume C&D Wood Debris Chipping and Grinding Facilities.

(a) Each operator of a medium volume CDI debris processing facility or medium volume C&D wood debris chipping and grinding facility that is required to obtain a Registration Permit, as set forth in CCR, Title 14, Division 7, Chapter 3.0, Article 5.9, sections 17383.5 or 17383.3, and CCR, Title 14, Division 7, Chapter 5.0, Article 3.0, commencing at section 18100 et. seq., shall file with the EA, together with its application for a Registration Permit, a CDI Debris Processing Facility Plan or C&D Wood Debris Chipping and Grinding Plan, as applicable. The Plan shall contain the following:

(1) Names of the operator and owner, and the key employee responsible for operation of the site;

(2) Schematic drawing all buildings and other structures showing layout and general dimensions of the operations area, including, but not limited to, unloading, storage, loading, and parking areas;

(3) Descriptive statement of the manner in which activities are to be conducted at the facility;

(4) Days and hours that the facility is to operate. If the hours of debris receipt differ from the hours of material processing, each set of hours shall be stated. For facilities with continuous operations, indicate the start of the operating day for purpose of calculating amount of debris received per operating day. The operator may also indicate whether or not, and when, other activities, such as routine maintenance will take place, if those activities will occur at times other than those indicated above;

(5) Total acreage contained within the operating area;

(6) Facility design capacity including the assumptions, methods, and calculations performed to determine the total capacity;

(7) Information showing the types and the daily quantities of debris to be received. In any calculations necessary as part of the plan, amounts shall be figured in tons. If tonnage is figured from cubic yards, include the conversion factors used as approved by the EA;

(8) Estimates of the amount of residual to be generated on a monthly basis and the amount of material salvaged and/or recycled;

(9) Description of the methods used by the facility to comply with each State Minimum Standard required by CCR, Title 14, Division 7, Chapter 3.0, Article 5.9;

(10) Anticipated volume of quench or process water and the planned method of treatment, and disposal of any wastewater;

(11) Description of provisions to handle unusual peak loading;

(12) Description of transfer, recovery and processing equipment, including classification, capacity and the number of units;

(13) Planned method for final disposition of debris received at the facility, including but not limited to materials being transferred to other facilities or operations for further processing, recycled materials, and solid waste;

(14) Planned method for the storage and removal of salvaged material;

(15) Resume of management organization which will operate the facility;

(16) The operator shall record and retain records of any serious injury to the public occurring on-site and any complaint of adverse health effects to the public attributed to operations. Serious injury means any injury that requires inpatient hospitalization for a period in excess of 24 hours or in which a member of the public suffers a loss of any member of the body or suffers any degree of permanent disfigurement; and

(17) The operator shall retain a record of training and instruction completed in accordance with Article 6.2, section 17410.3.

(18) A copy of the operator's Injury and Illness Prevention Plan (as applicable under current law).

(19) Fire Prevention, Control and Mitigation Plan ("Plan") which contains the following:

(A) Description of the measures the operator will take to prevent fires and to control and extinguish fires at the site;

(B) Identification and description of the equipment the operator will have available (on site and readily available off-site) to control and extinguish fires;

(C) Description of the measures the operator will take to mitigate the impacts of any fire at the site to the public health and safety and the environment;

(D) Description of the arrangements the operator has made with the local fire control authority having jurisdiction to provide fire prevention, control and suppression;

(E) Discussion of the ability of the local fire control authority to suppress fires at the site in light of the authority's personnel, expertise and equipment, the availability of water, access to the site and to flammable materials on the site, the nature of flammable materials on site, the quantity and dimensions of materials on the site, and the potential for subsurface fires in accumulations of flammable materials on the site.

(F) Evidence that the operator has submitted the Plan to the local fire control authority for review and that the authority has found it to be in compliance with the authority's applicable requirements.

(b) The operator must file amendments as necessary to maintain the accuracy of the Plan. Such amendments may become the basis for revisions to the Registration Permit for the facility. Failure to submit timely amendments may be cause for suspension or revocation of the permit.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020, and 43021, Public Resources Code.

Section 18223.5. Facility Reports For Construction and Demolition/Inert or Inert Debris Facilities and Large Volume C&D Wood Debris Chipping and Grinding Facilities.

(a) Each operator of a large volume CDI debris processing facility or inert debris processing facility, or large volume C&D wood debris chipping and grinding facility that is required to obtain a Full Permit, as set forth in CCR, Title 14, Division 7, Chapter 3.0, Article 5.9, sections 17383.6 or 17383.8, or 17383.3 and 27, CCR, Division 2, Subdivision 1, Chapter 4, commencing with section 21450, shall file with the EA, together with its application for a Full Permit, a CDI Debris Processing Facility Report or Inert Debris Processing Facility Report, as applicable. The Report shall contain the following:

(1) Names of the operator and owner, and the key employee responsible for operation of the site;

(2) Schematic drawing all buildings and other structures showing layout and general dimensions of the operations area, including, but not limited to, unloading, storage, loading, and parking areas;

(3) Descriptive statement of the manner in which activities are to be conducted at the facility;

(4) Days and hours that the facility is to operate. If the hours of debris receipt differ from the hours of material processing, each set of hours shall be stated. For facilities with continuous operations, indicate the start of the operating day for purpose of calculating amount of debris received per operating day. The operator may also indicate whether or not, and when, other activities, such as routine maintenance will take place, if those activities will occur at times other than those indicated above;

(5) Total acreage contained within the operating area;

(6) Facility design capacity including the assumptions, methods, and calculations performed to determine the total capacity;

(7) Information showing the types and the daily quantities of debris to be received. If tonnage is figured from cubic yards, include the conversion factors used;

(8) In any calculations necessary as part of the plan, amounts shall be figured in tons. If tonnage is figured from cubic yards, include the conversion factors used as approved by the EA;

(9) Description of the methods used by the facility to comply with each State Minimum Standard required by CCR, Title 14, Division 7, Chapter 3.0, Article 5.9, commencing at section 17380;

(10) Anticipated volume of quench or process water and the planned method of treatment, and disposal of any wastewater;

(11) Description of provisions to handle unusual peak loading;

(12) Description of transfer, recovery and processing equipment, including classification, capacity and the number of units;

(13) Planned method for final disposition of debris received at the facility, including but not limited to materials being transferred to other facilities or operations for further processing, recycled materials, and solid waste;

(14) Planned method for the storage and removal of salvaged material;

(15) Resume of management organization which will operate the facility;

(16) List of permits already obtained, and the date obtained or last revised;

(17) The operator shall record and retain records of any serious injury to the public occurring on-site and any complaint of adverse health effects to the public attributed to operations. Serious injury means any injury that requires inpatient hospitalization for a period in excess of 24 hours or in which a member of the public suffers a loss of any member of the body or suffers any degree of permanent disfigurement; and

(18) The operator shall retain a record of training and instruction completed in accordance with Article 6.2, section 17410.3.

(19) A copy of the operator's Injury and Illness Prevention Plan (as applicable under current law).

(19) Fire Prevention, Control and Mitigation Plan ("Plan") which contains the following:

(A) Description of the measures the operator will take to prevent fires and to control and extinguish fires at the site;

(B) Identification and description of the equipment the operator will have available (on site and readily available off-site) to control and extinguish fires;

(C) Description of the measures the operator will take to mitigate the impacts of any fire at the site to the public health and safety and the environment;

(D) Description of the arrangements the operator has made with the local fire control authority having jurisdiction to provide fire prevention, control and suppression;

(E) Discussion of the ability of the local fire control authority to suppress fires at the site in light of the authority's personnel, expertise and equipment, the availability of water, access to the site and to flammable materials on the site, the nature of flammable materials on site, the quantity and dimensions of materials on the site, and the potential for subsurface fires in accumulations of flammable materials on the site.

(F) Evidence that the operator has submitted the Plan to the local fire control authority for review and that the authority has found it to be in compliance with the authority's applicable requirements.

(b) The operator must file amendments as necessary to maintain the accuracy of the Report. Such amendments may become the basis for revisions to the Full Permit for the facility. Failure to submit timely amendments may be cause for suspension or revocation of the permit.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 40053, 43020, and 43021, Public Resources Code.

Section 18223.6. Disposal Facility Plan.

Each operator of an Inert Debris Type A Disposal Facility that is required to obtain a Registration Permit pursuant to Title 14 CCR, section 17388.4 shall, at the time of application, file a Disposal Facility Plan with the EA. In order to maintain the permit, the operator must file amendments as necessary to maintain the accuracy of the Plan. Such amendments, or lack thereof, may become the basis for changes in the permit or for revocation of the permit. A Disposal Facility Plan shall contain the following:

(a) Name(s) of the operator, owner, and the company they represent, if applicable;

(b) Scaled schematic drawing of the building and other structures showing layout and general dimensions of the operations area, including but not limited to, unloading, storage, loading, and parking areas;

(c) Descriptive statement of the manner in which activities are to be conducted at the facility;

(d) Days and hours of operation. If the hours of waste receipt differ from the hours of material processing, each schedule may be stated. For facilities with continuous operations, indicate the start of the operating day for the purpose of calculating the amount of waste received per operating day. The operator may also indicate whether or not, and when, other activities such as routine maintenance will take place, if those activities will occur at times other than those indicated above;

(e) Total acreage contained within the operating or disposal areas;

(f) Facility design capacity, including the assumptions, methods, and calculations performed to determine the total capacity;

(g) Information indicating the types and daily quantities of waste or debris to be received. If tonnage is determined from records of cubic yardage, include the conversion factor used in the calculation;

(h) Description of methods used by the facility to comply with each State Minimum Standard;

(i) Anticipated volume of quench or process water and the planned method of treatment and disposal of any wastewater;

(j) Description of provisions to handle unusual peak loading;

(k) Description of transfer, recovery and processing equipment, including classification, capacity and the number of units.

(l) Planned method for final disposal of the solid waste;

(m) Planned method for the storage and removal of salvaged material.

(o) Resume of management organization that will operate the facility.

(p) A description of road building and seasonal tipping pad design.

(q) A description of a program to prevent the acceptance of unapproved materials and hazardous wastes.

(r) A description of the planned method of storage and removal of prohibited wastes.

(s) A copy of the operator's Injury and Illness Prevention Plan (as applicable under current law).

Note:

Authority cited: Sections 40502, 43020, 43021, and 48007.5, Public Resources Code.
Reference: Sections 40053, 43020 43021, and 48007.5, Public Resources Code.

Section 18224. Report of Contaminated Soil Disposal Site Information.

Each operator of a contaminated soil disposal facility that is required to obtain a Standardized Solid Waste Facilities Permit, as set forth in section 17362.3, shall, at the time of application, file a Report of Contaminated Soil Disposal Site Information with the enforcement agency. A Report of Contaminated Soil Disposal Site Information shall contain the following:

(a) A descriptive statement of the manner in which the operation is to be conducted at the site.

(b) Information showing the types and concentrations of chemical constituents, and the quantities of contaminated soil to be received.

(c) A schematic drawing of the facility showing layout and general dimensions of the operations area, including, but not limited to, unloading, storage, disposal, and parking.

(d) A description of the proposed methods used to control litter, nuisances, odors, noise impacts, dust, and other public health and safety and environmental hazards.

(e) Indication of the approximate total acreage contained within the operations area and either the total estimated capacity in tons indicating in place densities assumed, or the capacity in cubic yards. Also include a projection of the life expectancy of the site based on current and/or anticipated loadings.

(f) The general location of the proposed disposal site shown on a map of at least the scale size equivalent to a 1:24,000 USGS topographical quadrangle. Such map shall show points of access to the site.

(g) A plot plan which delineates the legal boundaries for which clear title is held by the applicant and/or any parcels which are leased. Copies of lease agreements shall be submitted and substantiation shall be shown that the disposal site owner is cognizant of the disposal operations and the responsibilities assigned to the site owner by the standards.

(h) Identification on the plot plan of the specific limits of the existing and planned disposal area(s) showing relationships to the property boundary lines and adjacent land uses surrounding the site, distances to the nearest structures shall be identified.

(i) A description of the sequence of development stages of the disposal site facility, giving tentative implementation schedules for development, usage, site completion and closure. Describe the extent of change which will occur in areas which will be excavated for the placement of contaminated soil.

(j) A map showing the existing topographical contours of the property and proposed final elevations of the completed disposal site.

(k) If known, a description of the uses of the site after termination of disposal operations, including the time frame for implementation of such use.

(l) Resume of management organization which will operate the disposal site.

(m) Compilation of the conditions, criteria, and requirements established by the various approval agencies having jurisdiction over the disposal site.

(n) A listing of permits already obtained and the date obtained or last revised.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 43020 and 43021, Public Resources Code.

Section 18225. Nonhazardous, Nonputrescible, Industrial Solid Waste Codisposal Plan.

With an application for a permit, the operator of a facility shall file a Nonhazardous, Nonputrescible, Industrial Solid Waste Codisposal Plan with the EA, as required in section 17369(b) of Article 5.7. In order to maintain the permit, the operator must file amendments as necessary to maintain the accuracy of the facility Plan required in section 17369(b). Such amendments, or lack thereof, may become the basis for revocation of the permit. A Plan shall contain the following information, and may be derived from the Operation Plan approved by DTSC:

(a) name(s) of the operator and owner:

(b) scaled schematic drawing of the operations area, including but not limited to the active codisposal unit(s), and any DTSC/RWQCB approved closed waste management units, which contain nonhazardous, nonputrescible, industrial solid waste codisposed with hazardous waste;

(c) days and hours of operation for the disposal of nonhazardous, nonputrescible, industrial solid waste. For facilities with continuous operations, indicate the start of the operating day for the purpose of calculating the amount of nonhazardous, nonputrescible, industrial solid waste received per operating day.

(d) total acreage contained within the operating codisposal unit(s);

(e) unit design capacity;

(f) The operator of a facility shall demonstrate to the EA, pursuant to Title 27 California Code of Regulations section 20918, that there is no potential for adverse impacts on public health and safety or the environment based on a projection of methane gas generation. This information shall be certified in writing by a registered civil engineer or registered geologist.

(g) The operator shall demonstrate evidence of acceptable closure and postclosure maintenance plans by providing written verification of compliance with DTSC, Title 22, Chapter 14 or Chapter 15, closure and postclosure maintenance plan requirements, if applicable, as they may be amended from time to time.

(h) Notwithstanding anything to the contrary in Title 27, California Code of Regulations, Division 2, Chapter 6 (commencing with Section 22200), the operator shall demonstrate evidence of acceptable closure and postclosure maintenance cost, and operating liability financial assurance mechanisms by providing written verification of compliance with DTSC, Title 22, Division 4.5, Chapter 14, Article 8 (commencing with Section 66264.140) financial assurance requirements, or Chapter 15, Article 8 (commencing with Section 66265.140), if applicable, as the may be amended from time to time.

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Section 40053, 43020, and 43021, Public Resources Code.

Section 18226. Report of Nonhazardous Ash Disposal Site Information.

(a) Each operator of a nonhazardous ash disposal/monofill facility that is required to obtain a Standardized Solid Waste Facility Permit, as set forth in section 17377.3, shall, at the time of application, file a Report of Nonhazardous Ash Disposal Site Information with the enforcement agency. A Report of Nonhazardous Ash Disposal Site Information shall contain all of the information required in Title 27, California Code of Regulations, section 21600 with the exception of subsections: (b)(3)(A), (b)(4)(E), and (b)(8)(B).

Note:

Authority cited: Sections 40502, 43020, and 43021, Public Resources Code.
Reference: Sections 43020 and 43021, Public Resources Code.

Section 18227. Report of Composting Site Information.

Each operator of a compostable material handling facility that is required to obtain a Compostable Materials Handling Facility Permit, as specified in Title 27, California Code of Regulations, Division 2, Subdivision 1, Chapter 4, Subchapter 1 and Subchapter 3, Articles 1, 2, 3, and 3.1 (commencing with section 21450), or a Registration Permit for a Vegetative Food Material Composting Facility, as specified in Title 14, California Code of Regulations, Division 7, Chapter 5.0, Article 3.0 (commencing with section 18104) shall, at the time of application, file a Report of Composting Site Information with the EA as required by section 17863 of this Title. A Report of Composting Site Information shall contain the following.

(a) A description of the processes to be used, including estimated quantities of feedstocks, additives, and amendments.

(b) A descriptive statement of the operations conducted at the facility.

(c) A schematic drawing of the facility showing layout and general dimensions of all processes utilized in the production of compost including, but not limited to, unloading, storage, processing, parking, and loading areas.

(d) A description of the proposed methods used to control leachate, litter, odors, dust, rodents, and insects, for example, how the operator will store, process and incorporate food material and vegetative food material into windrows or static piles, timeframes for inclusion of material, collection and containment of leachate, passive and active vector controls, methods to monitor effectiveness of control measures..

(e) A description of the proposed emergency provisions for equipment breakdown or power failure.

(f) A description of the storage capacity, feedstock pile sizes, and anticipated maximum and average length of time compostable materials will be stored at the facility.

(g) A description of compostable materials handling equipment used at the facility including type, capacity, and number of units.

(h) Anticipated annual operation capacity for the facility in cubic-yards.

(i) A description of provisions to handle unusual peak loadings.

(j) A description of the proposed method for storage and final disposal of nonrecoverable or nonmarketable residues.

(k) A description of the water supplies for process water required.

(l) Identification of person(s) responsible for oversight of facility operations.

(m) A description of the proposed site restoration activities, in accordance with section 17870.

(n) An Odor Impact Minimization Plan pursuant to section 17863.4 and, if applicable, an Odor Best Management Practice Feasibility Report and associated plan pursuant to section 17863.4.1. The EA may require the operator to revise the Odor Impact Minimization Plan and, if applicable, the Odor Best Management Practice Feasibility Report and associated plan if the operator proposes to accept new feedstock, such as food material or vegetative food material..

Note:

Authority cited: Sections 40502, 43020, 43021 and 43209.1, Public Resources Code.
Reference: Sections 43020, 43021 and 43209.1, Public Resources Code.

Article 3.3. Repealed

Article 3.4. Repealed

Title 14 Home

Last updated: CalRecycle regulations are updated continuously as changes are made and approved by the Office of Administrative Law.
Regulations http://www.calrecycle.ca.gov/Laws/Regulations/
Legal Office: LegalSec@CalRecycle.ca.gov (916) 327-0089

Appendix 3

Injury and Illness Prevention Plan (IIPP)

CALIFORNIA WASTE SOLUTIONS

INJURY & ILLNESS PREVENTION PROGRAM

September 15, 2011

Updated 09/07/12
Updated 09/28/17
Updated 11/28/17

OVERVIEW

A. PURPOSE

To establish an Injury and Illness Prevention Program to be used to identify, correct and control any hazards or unsafe conditions.

1. An identified person or persons responsible for implementing the program.
2. An inspection program or system to identify and evaluate workplace and worksite hazards on an ongoing basis.
3. Establish methods and procedures for correcting unsafe or unhealthful conditions in a timely matter.
4. A safety training program to ensure that training is provided, both general training to cover basic hazards to all places of employment and specific training to cover hazards that are unique to each employee's work assignment.
5. A system to communicate with employees about safety and health matters and to encourage feedback on safety concerns from them.
6. An enforcement and disciplinary system to ensure that employees comply with company safety and health rules and regulations.
7. A procedure to investigate occupational injuries and illnesses.
8. The employer must keep appropriate records of steps taken to implement and maintain the program.

B. REFERENCE

- California Code of Regulations, Title 8, Section 3203.

In California every employer has a legal obligation to provide and maintain a safe and healthful workplace for employees, according to the California Occupational Safety and Health Act of 1973, Title 8 (T8), of the California Code of Regulations (CCR), requires every California employer to have an effective Injury and Illness Prevention Program in writing that must be in accord with T8 CCR Section 3203 of the General Industry Safety Orders

C. MANAGEMENT SAFETY POLICY STATEMENT - IIPP

Accidents are caused, they do not just happen. Therefore, we believe that nearly all accidents are preventable. Because accidents are both preventable and wasteful, we want all employees to join with us and participate in an aggressive, effective and continuing accident prevention and control program. To the best of our ability, we provide the best equipment, the safest facilities, and necessary people to accomplish all our tasks safely and economically. The real power behind production without accidents is personal concern and motivation. We expect each manager, supervisor, and every single employee to participate in the program. The prevention of accidents is not someone else's concern, it is our concern and it is your concern. We expect manager and/or supervisors to provide prompt and aggressive investigation of accidents and near misses, to determine their causes. We expect personal and prompt corrective action to be taken after each accident. Further, periodic safety inspections will be made of each work area to determine what corrective actions must be taken to insure a safe and healthful working environment.

Each employee is, directly responsible for, and in control of, his personal safety both on and off the job. To promote the individual safety of each of us and those with whom we come in contact with, rules and regulations must be adhered to.

We expect each employee, from our most senior to our newest trainee, to comply with these regulations at all times. These safety regulations are designed with but one objective in mind, to keep from getting hurt and to avoid hurting others.

The price of accidents and injuries in human suffering and in dollars and cents is high - and rising! It can only be stopped and reduced if everyone knows, accepts and fully carries out accident prevention as his/her own personal responsibility.

The successful operation of California Waste Solutions will depend not only on sales and service, but also how safely each job is performed. There is no job so important – nor any service so urgent – that can't we take time to work safely. I consider the safety of our personnel to be of prime importance, and I expect your full cooperation in making our program effective.

Sincerely,

Kristina Duong
Executive Director
California Waste Solutions

D. RESPONSIBILITIES FOR SAFETY AND HEALTH

All employees of California Waste Solutions facilities are responsible for working safely and maintaining a safe and healthful work environment. Additionally, Glen Hulsenberg, Operations Manager, has the responsibility and authority for implementing the provisions of this program.

1. MANAGERS AND SUPERVISORS:

a. Management duties include:

b. Familiarize themselves with the safety program and ensure its effective implementations.

c. Be aware of all safety considerations when introducing a new process, procedure, machine or material to the workplace.

d. Give maximum support to all programs and ensure its effective implementation.

e. Actively participate in safety committees as required.

f. Review serious accidents to ensure that proper reports are completed and appropriate action is taken to prevent repetition.

g. Mangers communicate safety program objectives to supervisory personnel.

h. Providing adequate personnel and timely resources to conduct activities safely.

i. Complete Incident and Injury Reports and submit them to the Safety Manager on the day of the accident.

j. Conduct and document employee observations monthly, submit to Site Manager.

k. Conduct and document Safety Meetings in conjunction with Safety Environmental Manager.

l. Enforce Safety Rules and Regulations.

m. Ensure that employees are provided with personal protective equipment such as hard hats, safety vests, dust masks, ear plugs, safety glasses, gloves, etc.

n. Maintain working knowledge of all safety programs applicable to your operations.

o. Notify the Safety Manager of any emergency, injury or incident immediately.

p. Discipline employees for violation of Safety Rules and unsafe acts.

q. Maintain the facility in an orderly and safe manner.

r. Maintain tools and equipment in good condition.

2. SAFETY ENVIRONMENTAL MANAGER:

The Safety Environmental Manager's duties are to:

a. Act as Emergency Coordinator for the facility.

c. Brief the supervisors on their specific responsibilities related to safety.

d. Ensure that health and safety requirements are met.

e. Review all completed Accident Reports and initial.

f. Review all Employee Observations.

g. Review Tailgate Safety Meetings.

h. Oversee the monthly Safety Training.

i. Serve as overall Program Administrator.

j. Ensure that formal facility inspections are conducted on a monthly basis.

k. Ensure that Safety Meetings and Training sessions are conducted on a monthly basis.

l. Periodically conduct Employee Observations.

m. Review all supervisor Employee Observations.

n. Maintain the OSHA 300 log and its related workers compensation documentation.

3. EMPLOYEES

a. Safely complete on-site tasks outlined by the Supervisors, in a safe manner.

b. Comply with company, state and federal safety rules, regulations, and guidelines.

c. Notify the Supervisor or Safety Environmental Manager of any unsafe condition, incident or injury immediately.

d. Wear appropriate safety equipment as required.

e. Maintain equipment in good condition, with all safety guards in place when in operation.

f. Conduct all inspections required for equipment before use and after use

g. Encourage co-workers to work safely.

h. Report unsafe acts and conditions to the supervisor.

E. IDENTIFICATION OF WORKPLACE HAZARDS

1. Monthly Facility Inspections

a. Facility Inspections will be conducted on a minimum of once per month using a Self-Inspection Checklist.

b. All identified hazards will be documented.

c. A work order or task assignment will be issued to ensure that the hazard is corrected.

d. Work orders or other supporting documentation for corrected deficiencies will be attached to the original facility inspection form and filed.

2. Employee Observations

a. Employee observations will be conducted regularly by the Safety Environmental Manager, Operations Manager and supervisors.

b. Observations will be documented in writing.

c. Items such as fire extinguisher, backup alarms, daily equipment inspections, will be checked during select observations.

d. Results of observations will be discussed with the observed employee as soon as possible. Both the safe and unsafe items will be reviewed.

e. Completed Safety Observations will be submitted to the Safety Environmental Manager.

3. New Matters

The Managers will arrange for an inspection and investigation of any new substance, process, procedure, or equipment introduced into the workplace. The Managers will

also arrange for an inspection and investigation, whenever California Waste Solutions is made aware of a new or previously unrecognized hazard.

4. Employee Reporting of Hazards

Employees are required to immediately report any unsafe condition or hazard that they discover in the workplace to their supervisor. Employees are encouraged to report unsafe conditions or acts in order to assure a safe work environment for everyone.

II. COMMUNICATING WITH EMPLOYEES ON SAFETY AND HEALTH ISSUES

A. MONTHLY SAFETY MEETINGS (see monthly training calendar)

Safety Meetings will be conducted once per month and will be documented by the Managers/Supervisors or Safety Environmental Manager. During these meetings the following items will be discussed.

1. Causes of recent accidents, injuries, or near misses and the methods adopted by the company to prevent similar incidents in the future.
2. Results of Self-Inspection Checklists for the month.
3. Any health or safety training issues that need updating.

B. TAILGATE SAFETY MEETINGS

Tailgate Safety Meetings will be held as necessary, by each employee's immediate supervisor. Tailgate Safety Meetings will be documented. Topics typically covered will be:

1. Safety and health issues specific to that department;
2. Reinforcement of current safe work practices; and
3. The opportunity for employees to bring up any health and safety issues.

C. POSTING

Posters will routinely be placed around the facility and on bulletin boards promoting safety.

D. ANONYMOUS NOTIFICATION PROCEDURES

Employees who wish to inform the company of workplace hazards may also do so anonymously by sending a written note or anonymous phone call to any member of the management team. The Safety Environmental Manager will investigate all such reports in a prompt and thorough manner.

Additionally, any employee who reports a safety concern to the company may do so without the fear of repercussions for raising the safety concern.

III. ENFORCEMENT OF THE SAFETY PROGRAM

A. DISCIPLINARY SYSTEM

It is the intent of the Company to operate in a safe, orderly and productive manner. To accomplish these objectives, it has become necessary to establish disciplinary measures for those few individuals who fail to comply with Company or agency safety rules or regulations.

Violation of the Company Rules and Regulations is contrary to the best interest of the Company and its employees. Depending on the severity of the offense, the frequency of unrelated offenses and the employee's overall work performance, the company may elect to implement any level of disciplinary action, up to and including termination. Each infraction is reviewed on a case by case basis and may include disciplinary actions such as verbal warnings, written warnings, suspensions, demotions or terminations. We believe that if employees are conscientious, honest, careful and orderly, the company Rules and Regulations will not pose a hardship to anyone and additionally will result in a safe work environment.

All disciplinary measures will be documented.

Management safety performance will be evaluated in the following matters:

a. Repeated safety rule violation by their department employees.
b. Failure to provide adequate training prior to job assignment.
c. Failure to complete employee observation or facility inspections

d. Failure to report accidents and provide medical attention to employees injured at work.
e. Failure to control unsafe conditions or work practices.
f. Failure to maintain good housekeeping standards and cleanliness in their departments.

IV. SAFETY AND HEALTH TRAINING

Awareness of potential health and safety hazards, as well as knowledge of how to control such hazards, is critical to maintaining a safe and healthful work environment and in preventing injuries and illnesses in the workplace. California Waste Solutions is committed to instructing all employees in safe and healthful work practices. To achieve this goal, California Waste Solutions will provide training to each employee with regard to general safety procedures and with regard to any hazards or safety procedures specific to that employee's work assignment.

A. WHEN TRAINING OCCURS

Training will be provided as follows:

1. Upon hiring.
2. Whenever an employee is given a new job assignment for which training has not previously been provided.
3. Whenever the Company is made aware of a new or previously unrecognized hazard.
4. Whenever the any level of Management believes that additional training is necessary.
5. During the regularly scheduled monthly safety training sessions. Refer to Appendix B for summaries of training and meeting topics.

B. TRAINING OF SUPERVISORS

Supervisors and Managers are trained in the following ways:

1. Safety Meetings: All Managers and supervisors are required to attend all safety meetings.
2. Manager/Supervisor Meetings: Refer to Appendix B for summaries

of training and meeting topics.

C. AREAS OF TRAINING

Employees at each California Waste Solution facility will receive initial training covering a variety of topics which are presented in order to provide a new employee with an awareness of facility hazards, safeguards and safety rules and regulations. Each California Waste Solution facility provides regularly schedules safety training to cover Cal/OSHA required programs such as Hazard Communication, Lockout/Tag out, etc. Additionally, specialized training topics such as First Aid/CPR, lift truck certification, etc. will also be provided to employees as needed.

D. DOCUMENTATION OF TRAINING

Training will be documented for all attendees. Supervisors and managers will periodically observe employees to ensure that they are performing their duties in accordance with the training provided to them. All training documentation will be kept in the personnel training file.

V. ACCIDENT INVESTIGATION

A. COMPANY POLICY

All work related accidents will be investigated in a timely manner. Minor incidents and near misses will be investigated as well as serious accidents. A near miss is an incident which, although not serious in its self, could have resulted in a serious injury or significant property damage. All accidents will be recorded.

B. RESPONSIBILITY FOR ACCIDENT INVESTIGATION

Accidents will be investigated by the employee's immediate Supervisor and reviewed as a team approach. The accident review board process may include the Safety Environmental Manager, initial accident response personnel, supervisor, and/or a third person. If necessary, the Safety Environmental Manager will assist the supervisor in the initial investigation. The Operations/facility Manager and the Safety Environmental Manager will review all investigations and further investigate the incident if deemed necessary.

C. PROCEDURES FOR INVESTIGATION OF ACCIDENTS

All accidents, whether injury related or not will be investigated by the employee's supervisor. Said supervisor will complete his investigation and report within 24 hours of the occurrence. The report will be submitted to the Safety Environmental Manager for review and further investigation. Cases involving recordable injuries will be submitted to the workers compensation carrier. All accident records will be filed at the facility and will be available for inspection. Refer to Appendix C for accident/exposure investigation procedures.

D. CORRECTING THE HAZARD AND PREVENTING REOCCURRENCES

The purpose of an effective Injury and Illness Prevention Program is to take a proactive approach to injury prevention. All incidents are therefore investigated, not to seek to blame an individual but to determine the root cause of the incident and attempt to correct any deficiencies which may lead to another occurrence. Safety deficiencies which are identified shall be tracked to completion. All accidents/near misses will be discussed during Monthly Safety Meetings in order to further educate employees on site specific situations and to promote safer work habits.

VI. RECORDKEEPING AND POSTING REQUIREMENTS

Records that document the implementation of the IIPP will be maintained by the Safety Manager. The following records will be maintained for the period indicated, at a minimum:

- The Written IIPP.....Indefinitely
- OSHA Log 300 Forms.....5 Years
- Inspection Forms.....1 Year
- Investigation Forms.....1 Year (5 years, Log 300)
- General Training Records.....Duration of Employment
- Training Rosters.....3 Years
- Safety Meeting Rosters.....3 Years
- Misc. Safety Training Records.....3 Years
- Medical & Exposure Records.....Employment+30 Years

VII. INJURY AND ILLNESS PREVENTION PROGRAM REVIEW

The Injury and Illness Prevention Program will be reviewed annually by the Safety Environmental Manager, Operations Managers & Human Resources. Said managers will verify the effectiveness of each element of the program. Changes will be made as needed and said changes shall be communicated to management and to all affected employees.

APPENDIX A

Management List

Glen Hulsenberg	510-832-8111 Ext 218	Operations Manager, Environmental Health & Safety Manager
Johnny Duong	510-832-8111 Ext 205	Chief Operations Officer

Emergency services contact

OTHER AGENCIES, UTILITIES AND RESPONSE SUPPORT PROVIDERS:

Office of Emergency Services	800-852-7550
U.S. Coast Guard National Response Center	800-424-8802
Poison Center:	800-876-4766
Telephone: SBC	800-750-2355 or 611
Gas / Electric/ PG&E	800-743-5000
EPA:	916-255-3617
Regional Air Quality Management District	415-771-6000
Environmental / Spill Clean Up Evergreen Environmental	1-800-972-5284
San Jose Fire Department Haz Materials Unit	(408) 277-4444
San Jose Fire Prevention Bureau	(408) 277-4444
Cal-OSHA	(510) 622-3009

Refer any media contact to Johnny Duong, (510) 832-8111 Ext 205, JohnnyDuong@calwaste.com.
No employee is authorized to speak to any media source.

APPENDIX B
TRAINING SUMMARY AND MEETING TOPICS

APPENDIX C

ACCIDENT/EXPOSURE INVESTIGATION PROCEDURES

California Waste Solutions Accident and Injury Reporting Policy

Purpose: This policy is designed to establish a standard by which all involved parties will understand their duties and responsibilities.

Scope: This policy will address the role, duties, and responsibilities of those employees involved in or investigating any accident, injury, or property claim. All managers, supervisors, dispatchers, union and non-union employees are to adhere to this policy.

Accident, Injury, or Property Claim Responsibility

A. Drivers or Mechanics

- Immediately report any accident, injury, or property claim to dispatch, facility manager or supervisor, or shop office. The employee shall provide the following information.
- The nature and location of the injury.
- Route and truck number
- Are there injuries, if so the number?
- Is an ambulance needed?
- Location
- Do not discuss the accident with anyone other than a Company representative.
    - *If no Company representative is on scene, be polite and inform the officer you would rather wait until a Company representative is present before discussing the accident.*
- <u>Do not leave the scene until you are released by the police or a Company representative.</u>
- Do not move the vehicle until you are instructed to so, by either the Police or a Company representative.
    - *If it absolutely necessary for the vehicle to be moved prior to the police or Company representative contact a supervisor for permission. Mark the tires location with either chalk, crayon, or whatever is handy.*
    - At the completion of the work day the employee is to return to the office and complete the required paperwork, unless otherwise instructed by a company representative.

B. Dispatcher Responsibility

- Upon notification of either an accident or property claim the dispatcher is to, immediately, contact the employee's immediate supervisor or the Safety Manager; if neither person is available contact any supervisor. If that fails contact the Operation Manager.
- If outside support is requested, i.e. Police, Fire, or PG&E the dispatcher is to contact the appropriate agency and provide the location of the incident and any other information requested.
- If the dispatcher is approached by an employee, who request an incident report, the dispatcher is to ascertain the name of the employee's immediate supervisor and advise him/her that the employee is requesting an incident report.
- The dispatcher shall instruct the employee to remain in dispatch until released by the employee's immediate supervisor or any Company management representative, who has been given the responsibility or authority to release the employee.
- If the dispatcher has been given authority to release the employee he/she shall place the incident into the respective supervisor's mailbox.

C. Supervisor / Manager

- Upon notification of an accident, injury, or property claim, the supervisor shall respond to the scene and thoroughly investigate and document the findings in an accident/injury report as well as all other associated reports.
- In the event of any accident, injury, or property claim, the Safety Manager shall be notified.
- In the event of any vehicle accident the Safety Manager shall be notified.
    - The Safety Manager shall notify the Chief Operation Officer and/or Executive Director.
- In the event of an accident where the there is an injury, vehicle towed from the scene, or where the CWS driver is cited the driver shall be taken in for a Post-Accident drug screen.
- The supervisor shall ensure the employee completes the Employee Incident report.
    - The Investigation Report, any photographs, and the Employee Incident Report shall be forwarded to the Safety Department within 24 hours of the incident.
- A copy of the report shall be sent to the Safety Manager within 24 hours of the incident.
- An Accident Review Board (ARB) shall be convened with seven (7) days of the original incident, unless there are exceptional circumstances preventing the ARB from being held.
    - The ARB shall contain the following management personnel:
        - Facility or Operation Manager
        - Safety Manager
        - Investigation Supervisor or Manager

Appendix 4

Emergency Contact List and Key Resumes

Emergency Contact List

Name	**Title**	**Contact Number** (Operations Hours)	**Contact Number** (Non-Operations Hours)
Glen Hulsenberg	Operations Manager, Environmental Health & Safety Manager	510-832-8111 Ext 218	408-393-6032
Johnny Duong	Chief Operations Officer	510-832-8111 Ext 205	510-772-0337

Glen W Hulsenberg

4375 Latimer Avenue
San Jose, CA 95130
(408) 374-7198
Cell (408) 813-5760
glenhulsenberg@comcast.net

Objective: Seeking a Management position in which I can be an integral part of the Corporation expanding Sales and Operations, while focusing on Customer Service and the overall success of the Corporation.

Experience:

Waste Management of Alameda County — Oakland, California
Territory Sales Manager — March 2010 to July 2011

- Conferred with company officials to develop methods and procedures to increase sales, expand markets, and promote business growth.
- Respond to written, telephone and in person requests for Sales opportunities within the CAL Bay Market Area
- Researched, presented, recommended equipment needs and pricing structures to Company Officials to support business growth across the entire Market Area

Waste Management of Alameda County — Oakland, California
District Manager - Hollister Disposal/Salinas Transfer Station — October 2008 to March 2010

- Executed operations for Hauling (Residential, Commercial and Transfer Station). Responsible for daily, monthly reporting to Corporate and Government Agencies.
- Hired, trained, and evaluated personnel on a monthly and annual basis.
- Directed, Supervised employees engaged in Sales, Inventory Control, reconciling cash receipts, and performing specific services for the district.
- Trained and managed 26 Drivers, 5 Office Staff, 3 Route Managers and 4 Mechanics and achieved significant improvements in their productivity.
- Prepared sales and inventory reports for management and budget departments.
- Attended company meetings to exchange product information and coordinated work activities with other departments.
- Kept records pertaining to purchases, sales, requisitions, payroll and compliance.
- Coordinated sales promotion activities, and prepared merchandise displays and advertising copy.
- Planned, prepared work schedules, and assigned employees to specific duties.
- Restructured to successfully improved the Port-o-let Line of Business, thus becoming a profitable contributor for the Market Area

Waste Management — Oakland, California
Service Machine Manager — September 2007 to October 2008

Responsible for improving overall Customer Service and increasing JD Power Scores. Conducted weekly and Monthly meetings with all departments and Senior Management.

Waste Management — Oakland, California
Route Manager — October 2005 to September 2007
Responsible for ensuring success by establishing and maintaining performance and productivity metrics while controlling operational costs. The Route Manager reviews Safety and Service on a daily basis while coordinating the flow between all departments to ensure the highest level of Customer Service. Route Managers conduct Safety Briefings, Observation Behavior Assessments as well as conduct constructive coaching sessions.

American Airlines — San Francisco, California
Customer Service Manager - SFO Ramp Services — February 2004 to September 2005
Duties included operational responsibility for Freight, Priority Parcel Service and U.S. Mail; included budget development and review, productivity improvements, addressed facility and ground equipment issues, while ensuring regulatory compliance. Facilitated discussions and communication with union, non-union, and management work groups, reviewed corrective action and set operational procedures. Provided leadership to cargo management by one-on-one and group meetings. Participated in joint sales calls and interfaced with customers to resolve service issues. Worked with airport departments to ensure cargo products are properly handled. Coordinated with USDA, U.S. Customs, US Postal Service, FAA, TSA, OSHA, and other governmental agencies.

American Airlines — San Francisco, California
Customer Service Manager - Cargo Services — February 2003 to February 2004

American Airlines — San Jose, California
Manager Cargo Services — February 2000 to February 2003

American Airlines — San Francisco, California
Cargo Services - Instructor, Lead Agent, Agent, Fleet Service Clerk — April 1979 to February 2000

Education:

West Valley Jr. College — Saratoga, California
1979

References: Available upon request

JOHNNY DUONG

1055 65th Street
Oakland, CA 94608
(510)772-0337

OBJECTIVE

Seeking a management position in a recycling/solid waste company where I can utilize my unique background and experience from overseas shipping logistics to managing global marketing for recyclable materials.

EXPERIENCE

2003-2006 California Waste Solutions, Inc. Oakland, CA

Logistics Manager

- Managed Logistics Company (U.S. Freight Systems) with a fleet of 50 trucks
- Worked directly with Sacramento County with scheduling and fulfillment of recyclables being serviced on a permitted strict schedule through challenging conditions and weather.
- Worked on the export shipping and with the California Highway Patrol over the road regulations and upkeep.
- Established accounts nationwide providing strategic and efficient ways to improve cost and effective logistical goals.

2006-2017 California Waste Solutions, Inc. Oakland, CA

Director of Marketing

- Increased demand for recyclables globally; focusing on China as the leading consumer.
- Certified by SWANA for Managing a Sub Title D Landfill
- Managed all aspects of a landfill from water treatment, Methane Conversion to Daily Operations.
- Launced a Sourcing Firm that sources recyclables nationwide which are difficult to recyle and created new markets that did not exist before this initiative.
- Market 50K tons monthly of all types of recyclables from fiber, metals, to plastics into untapped markets globally.
- Vast knowledge with the shifting export and import industries with the changing economies across the continent.
- Involved in daily operations along with critical strategy and real time execution.

EDUCATION

1999-2003 University of Davis, California Davis, California

Managerial Economics

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Appendix 5

Preventative Maintenance Schedule

PM Schedule 10th St Plant

Employee Signature _____ Date _____

All Equipment before any repair must comply with LOCK OUT / TAG OUT

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Antonio/Patrick	**Balers** Check wire tires / clean tracks / check all hyd hoses for leaks	**Balers** Check wire tires / clean tracks / check all hyd hoses for leaks **Inspect by Antonio**	**Balers** Check wire tires / clean tracks / check all hyd hoses for leaks	**Balers** Check wire tires / clean tracks / check all hyd hoses for leaks **Inspect by Antonio**	**Balers** Check wire tires / clean tracks / check all hyd hoses for leaks	**Schedule repairs**
Patrick	**Air Compressors** blow out filters and motors check oil level	**Air Compressors** blow out filters and motors	**Air Compressors** blow out filters and motors	**Air Compressors** blow out filters and motors check oil level	**Air Compressors** blow out filters and motors	**Schedule repairs**
Screen Cleaners	**B H S** Clean and inspect shafts and bearings check discand chains **Inspect by Antonio**	**B H S** Clean and inspect shafts and bearings check disc	**B H S** Clean and inspect shafts and bearings check discand chains **Inspect by Antonio**	**B H S** Clean and inspect shafts and bearings check disc	**B H S** Clean and inspect shafts and bearings check disc and chains and grease bearings **Inspect by Antonio**	**Schedule repairs**
Patrick	**Baler # 2** Check wire tires / clean tracks / check all hyd hoses for leaks	**Baler # 2** Check wire tires / clean tracks / check all hyd hoses for leaks	**Baler # 2** Check wire tires / clean tracks / check all hyd hoses for leaks	**Baler # 2** Check wire tires / clean tracks / check all hyd hoses for leaks	**Baler # 2** Check wire tires / clean tracks / check all hyd hoses for leaks	**Schedule repairs**
Screen Cleaners	**Polishing Deck** Clean shafts and bearings	**Polishing Deck** Clean shafts and bearings and check chains **Inspect by Antonio**	**Polishing Deck** Clean shafts and bearings	**Polishing Deck** Clean shafts and bearings and check chains **Inspect by Antonio**	**Polishing Deck** Clean shafts and bearings	**Schedule repairs**
Screen Cleaners	**Glass Machine** Clean out screen and inspect to make sure no jams or clogs develop **Inspect by Antonio**	**Glass Machine** Clean out screen and inspect to make sure no jams or clogs develop	**Glass Machine** Clean out screen and inspect to make sure no jams or clogs develop	**Glass Machine** Clean out screen and inspect to make sure no jams or clogs develop **Inspect by Antonio**	**Glass Machine** Clean out screen and inspect to make sure no jams or clogs develop	**Schedule repairs**

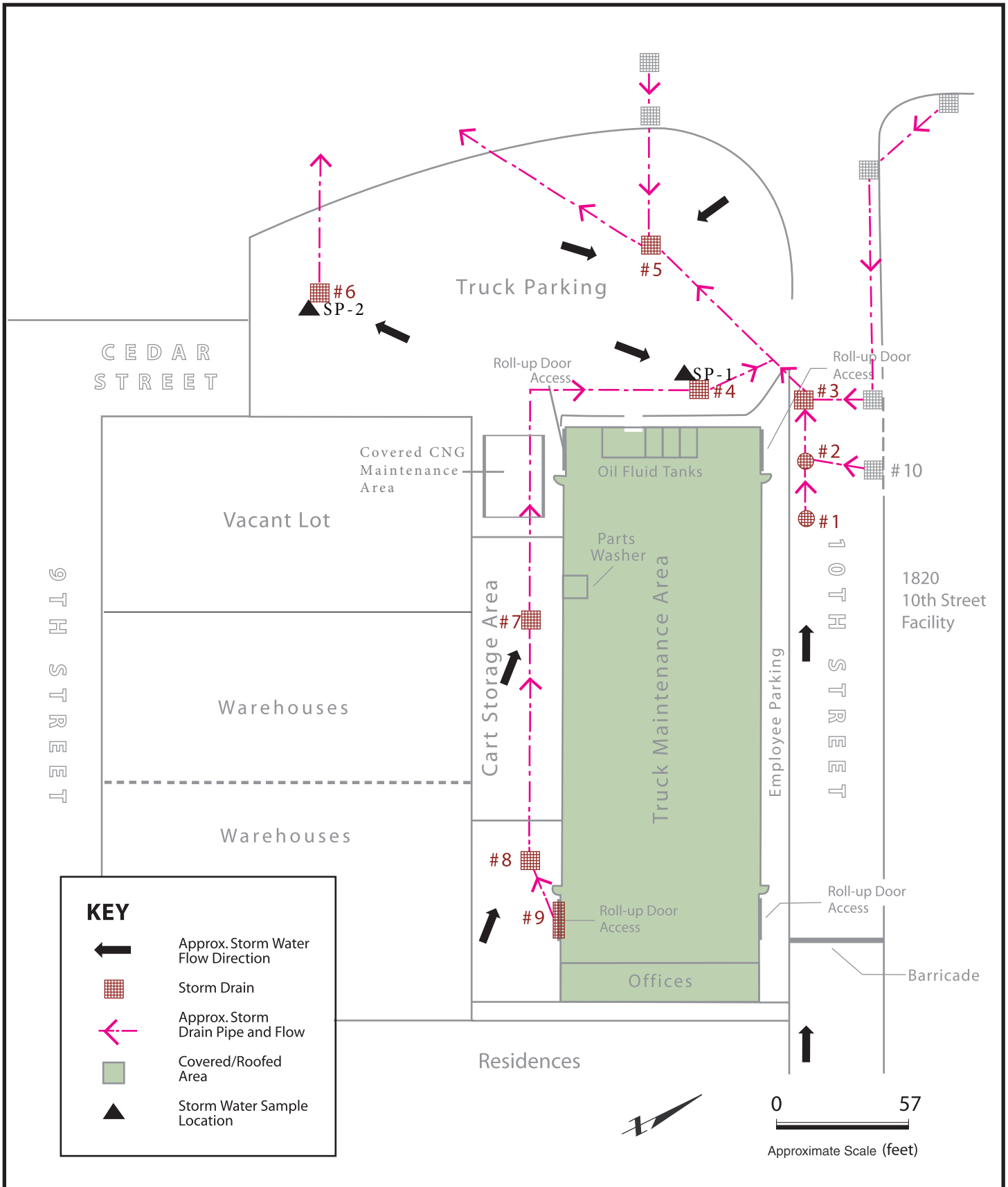
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Patrick	**Tin Magnet** Clean and inspect tin magnet, blow out motor **Inspect by Antonio**	**Tin Magnet** Clean and inspect tin magnet, blow out motor	**Tin Magnet** Clean and inspect tin magnet, blow out motor **Inspect by Antonio**	**Tin Magnet** Clean and inspect tin magnet, blow out motor	**Tin Magnet** Clean and inspect tin magnet, blow out motor	**Schedule repairs**
Patrick	**Eddy Current** Blow out motors, inspect belt, clean	**Eddy Current** Blow out motors, inspect belt, clean	**Eddy Current** Blow out motors, inspect belt, clean	**Eddy Current** Blow out motors, inspect belt, clean	**Eddy Current** Blow out motors, inspect belt, clean	**Schedule repairs**
Patrick / Antonio	**Air Blower** **M-15,16,17,18,19** Clean and inspect Inspect Tube	**Air Blower** **M-15,16,17,18,19** Clean and inspect Inspect Tube	**Air Blower** **M-15,16,17,18,19** Clean and inspect Inspect Tube	**Air Blower** **M-15,16,17,18,19** Clean and inspect Inspect Tube	**Air Blower** **M-15,16,17,18,19** Clean and inspect Inspect Tube	**Schedule repairs**
Patrick	**All Motors** Check and blow out motors **Inspect by Antonio**	**All Motors** Check and blow out motors	**All Motors** Check and blow out motors	**All Motors** Check and blow out motors **Inspect by Antonio**	**All Motors** Check and blow out motors and check gear box oil levers	**Schedule repairs**
Patrick & Antonio	**C-1** Clean belly pans and inspect	**C -14** Clean belly pans and inspect	**C - 16** Clean belly pans and inspect	**C - 17** Clean belly pans and inspect	**M - 7** Clean belly pans and inspect	**Schedule repairs**
Screen Cleaners	**Screen- 3** Clean shafts and bearings and check chains	**Screen- 3** Clean shafts and bearings and check chains **Inspect by Antonio**	**Screen- 3** Clean shafts and bearings and check chains	**Screen- 3** Clean shafts and bearings and check chains	**Screen- 3** Clean shafts and bearings and check chains **Inspect by Antonio**	**Schedule repairs**
Patrick	**HOPPER # 1 -2 -3-4** Clean out screen and inspect to make sure no jams or clogs develop		**HOPPER # 1 -2 -3-4** Clean out screen and inspect to make sure no jams or clogs develop		**HOPPER # 1 -2 -3-4** Clean out screen and inspect to make sure no jams or clogs develop	**Schedule repairs**
Patrick		**Container Bunkers** **Inspect, by Antonio**		**Container Bunkers** **Inspect, by Antonio**		

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Patrick & Antonio	**C-1,2,4,5 and S-3** Inspect, clean and lube and Grease bearing	**C-5A 5B,6,7,8** Inspect, clean and lube and Grease bearing	**C-9,10,11,12, C- 1** Inspect, clean and lube and Grease bearing	**C,13,14,15,16** Inspect, clean and lube and Grease bearing	**C-17,18,19,20,M-7** Inspect, clean and lube and Grease bearing	**Schedule repairs**

Align Belts and check lacings as necessary Monday trough Friday

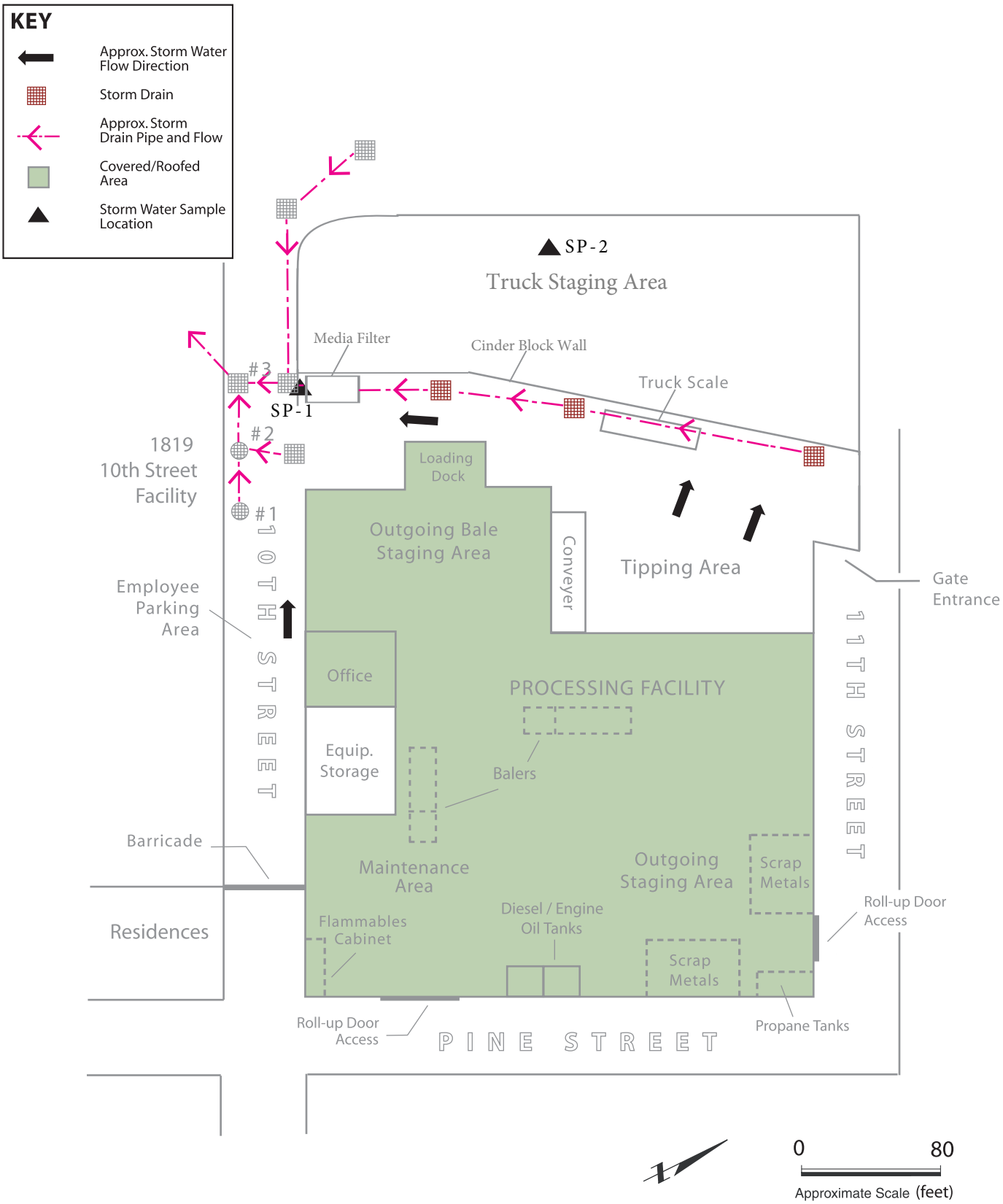
Appendix 6

Storm Water Treatment System



Yorke ENGINEERING, LLC
www.YorkeEngr.com

Storm Water Drainage and Sample Location Map
California Waste Solutions
1819 10th Street Facility
Oakland, CA



Yorke ENGINEERING, LLC
www.YorkeEngr.com

Storm Water Drainage and Sample Location Map
California Waste Solutions
1820 10th Street Facility
Oakland, CA

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Appendix 7

Historical Operating Data

10th Street Recycling Facility DAILY INBOUND TONNAGE REPORT (TONS)
JAN 2016 - DEC 2016

Date	10th St MRF		
	Cities, Vendors	Intra-Load	Total
01/02/16	20.62	91.22	**111.84**
01/04/16	226.14	14.97	**241.11**
01/05/16	286.40	129.38	**415.78**
01/06/16	170.28		**170.28**
01/07/16	176.88		**176.88**
01/08/16	169.04		**169.04**
01/11/16	138.29		**138.29**
01/12/16	113.88		**113.88**
01/13/16	161.83		**161.83**
01/14/16	136.84		**136.84**
01/15/16	143.44		**143.44**
01/16/16	2.04		**2.04**
01/18/16	154.36		**154.36**
01/19/16	180.04		**180.04**
01/20/16	159.07		**159.07**
01/21/16	192.82		**192.82**
01/22/16	130.13		**130.13**
01/25/16	153.87		**153.87**
01/26/16	131.45		**131.45**
01/27/16	148.30		**148.30**
01/28/16	148.19		**148.19**
01/29/16	143.35		**143.35**
01/30/16	1.48		**1.48**
02/01/16	137.14		**137.14**
02/02/16	125.94		**125.94**
02/03/16	177.86		**177.86**
02/04/16	135.55		**135.55**
02/05/16	151.71		**151.71**
02/08/16	135.71		**135.71**
02/09/16	143.56		**143.56**
02/10/16	158.34		**158.34**
02/11/16	157.22		**157.22**
02/12/16	149.14		**149.14**
02/15/16	125.47		**125.47**
02/16/16	135.64		**135.64**
02/17/16	163.55		**163.55**
02/18/16	149.62		**149.62**
02/19/16	127.78		**127.78**
02/20/16	1.19		**1.19**
02/22/16	158.69		**158.69**
02/23/16	116.20		**116.20**
02/24/16	145.10		**145.10**
02/25/16	137.51		**137.51**
02/26/16	123.81		**123.81**
02/29/16	144.36		**144.36**
03/01/16	120.13		**120.13**
03/02/16	132.94		**132.94**
03/03/16	159.07		**159.07**
03/04/16	122.71		**122.71**
03/05/16	1.99		**1.99**
03/07/16	143.79		**143.79**
03/08/16	130.45		**130.45**
03/09/16	171.83		**171.83**
03/10/16	126.82		**126.82**
03/11/16	132.96		**132.96**
03/14/16	152.27		**152.27**
03/15/16	120.66		**120.66**
03/16/16	148.60		**148.60**
03/17/16	137.12		**137.12**
03/18/16	133.50		**133.50**
03/19/16			
03/21/16	144.37		**144.37**
03/22/16	123.89		**123.89**
03/23/16	160.07		**160.07**
03/24/16	152.18		**152.18**
03/25/16	131.55		**131.55**
03/28/16	138.84		**138.84**
03/29/16	133.29		**133.29**
03/30/16	124.49		**124.49**
03/31/16	175.52		**175.52**
04/01/16	127.59		**127.59**
04/02/16			
04/04/16	135.28		**135.28**
04/05/16	146.12		**146.12**

Date	10th St MRF		
	Cities, Vendors	Intra-Load	Total
04/06/16	119.58		**119.58**
04/07/16	151.76		**151.76**
04/08/16	119.95		**119.95**
04/11/16	140.50		**140.50**
04/12/16	112.30		**112.30**
04/13/16	140.27		**140.27**
04/14/16	154.22		**154.22**
04/15/16	126.29		**126.29**
04/18/16	128.15		**128.15**
04/19/16	139.27		**139.27**
04/20/16	138.11		**138.11**
04/21/16	128.77		**128.77**
04/22/16	126.51		**126.51**
04/25/16	125.88		**125.88**
04/26/16	122.97		**122.97**
04/27/16	155.55		**155.55**
04/28/16	151.22		**151.22**
04/29/16	112.98		**112.98**
05/02/16	140.70		**140.70**
05/03/16	127.23		**127.23**
05/04/16	158.71		**158.71**
05/05/16	130.03		**130.03**
05/06/16	127.15		**127.15**
05/09/16	125.08		**125.08**
05/10/16	126.47		**126.47**
05/11/16	146.68		**146.68**
05/12/16	139.50		**139.50**
05/13/16	119.19		**119.19**
05/16/16	144.15		**144.15**
05/17/16	120.47		**120.47**
05/18/16	143.34		**143.34**
05/19/16	127.03		**127.03**
05/20/16	118.81		**118.81**
05/23/16	124.03		**124.03**
05/24/16	121.51		**121.51**
05/25/16	153.88		**153.88**
05/26/16	150.91		**150.91**
05/27/16	122.35		**122.35**
05/30/16	124.79		**124.79**
05/31/16	119.64		**119.64**
06/01/16	139.09		**139.09**
06/02/16	148.20		**148.20**
06/03/16	120.83		**120.83**
06/06/16	135.05		**135.05**
06/07/16	131.58		**131.58**
06/08/16	141.12		**141.12**
06/09/16	142.87		**142.87**
06/10/16	123.66		**123.66**
06/13/16	154.81		**154.81**
06/14/16	116.29		**116.29**
06/15/16	146.45		**146.45**
06/16/16	132.57		**132.57**
06/17/16	133.30		**133.30**
06/18/16	1.38		**1.38**
06/20/16	125.15	23.12	**148.27**
06/21/16	117.93	15.50	**133.43**
06/22/16	160.22		**160.22**
06/23/16	142.83	46.00	**188.83**
06/24/16	114.32		**114.32**
06/27/16	136.23	16.77	**153.00**
06/28/16	260.94		**260.94**
06/29/16	130.52		**130.52**
06/30/16	146.01		**146.01**
07/01/16	117.96		**117.96**
07/04/16	111.74		**111.74**
07/05/16	117.29		**117.29**
07/06/16	138.91		**138.91**
07/07/16	143.72		**143.72**
07/08/16	124.83		**124.83**
07/11/16	127.84		**127.84**
07/12/16	121.30		**121.30**
07/13/16	144.11		**144.11**
07/14/16	131.65		**131.65**
07/15/16	115.75		**115.75**
07/18/16	124.78	45.88	**170.66**
07/19/16	132.55	22.49	**155.04**
07/20/16	120.64		**120.64**
07/21/16	141.57	66.36	**207.93**

Date	10th St MRF		
	Cities, Vendors	Intra-Load	Total
07/22/16	113.34	22.93	**136.27**
07/23/16		91.19	**91.19**
07/25/16	126.33	68.21	**194.54**
07/26/16	111.81		**111.81**
07/27/16	132.97		**132.97**
07/28/16	132.70		**132.70**
07/29/16	113.60		**113.60**
08/01/16	128.99		**128.99**
08/02/16	117.90		**117.90**
08/03/16	125.79		**125.79**
08/04/16	123.11		**123.11**
08/05/16	129.44		**129.44**
08/08/16	131.73		**131.73**
08/09/16	121.31		**121.31**
08/10/16	122.25		**122.25**
08/11/16	121.11		**121.11**
08/12/16	127.42		**127.42**
08/15/16	140.67		**140.67**
08/16/16	122.76		**122.76**
08/17/16	133.36		**133.36**
08/18/16	124.55		**124.55**
08/19/16	132.17		**132.17**
08/22/16	147.75		**147.75**
08/23/16	120.91		**120.91**
08/24/16	136.30		**136.30**
08/25/16	134.56		**134.56**
08/26/16	124.68		**124.68**
08/29/16	142.30		**142.30**
08/30/16	132.10		**132.10**
08/31/16	135.47		**135.47**
09/01/16	122.77		**122.77**
09/02/16	116.03		**116.03**
09/05/16	123.90		**123.90**
09/06/16	118.76		**118.76**
09/07/16	129.10		**129.10**
09/08/16	122.24		**122.24**
09/09/16	138.95		**138.95**
09/12/16	144.65		**144.65**
09/13/16	133.60		**133.60**
09/14/16	137.69		**137.69**
09/15/16	125.41		**125.41**
09/16/16	178.74	21.95	**200.69**
09/19/16	150.33		**150.33**
09/20/16	164.91		**164.91**
09/21/16	151.88	22.37	**174.25**
09/22/16	138.12		**138.12**
09/23/16	163.62		**163.62**
09/26/16	176.70		**176.70**
09/27/16	150.45		**150.45**
09/28/16	138.43		**138.43**
09/29/16	139.29		**139.29**
09/30/16	167.52		**167.52**
10/03/16	157.69		**157.69**
10/04/16	151.71		**151.71**
10/05/16	162.56		**162.56**
10/06/16	157.06		**157.06**
10/07/16	178.08		**178.08**
10/10/16	136.74		**136.74**
10/11/16	109.05		**109.05**
10/12/16	120.96		**120.96**
10/13/16	125.78		**125.78**
10/14/16	138.39		**138.39**
10/17/16	144.01		**144.01**
10/18/16	176.42		**176.42**
10/19/16	145.56		**145.56**
10/20/16	153.74		**153.74**
10/21/16	130.94		**130.94**
10/24/16	145.21		**145.21**
10/25/16	141.53		**141.53**
10/26/16	145.90		**145.90**
10/27/16	151.06		**151.06**
10/28/16	150.82		**150.82**
10/31/16	149.68		**149.68**
11/01/16	127.64		**127.64**
11/02/16	136.62		**136.62**
11/03/16	119.95		**119.95**
11/04/16	131.16		**131.16**
11/07/16	144.12		**144.12**

Date	10th St MRF		
	Cities, Vendors	Intra-Load	Total
11/08/16	169.58		**169.58**
11/09/16	136.55		**136.55**
11/10/16	150.12		**150.12**
11/11/16	161.22		**161.22**
11/14/16	155.82		**155.82**
11/15/16	144.79		**144.79**
11/16/16	143.66		**143.66**
11/17/16	133.76		**133.76**
11/18/16	154.33		**154.33**
11/21/16	178.64		**178.64**
11/22/16	154.49		**154.49**
11/23/16	154.27		**154.27**
11/25/16	170.11		**170.11**
11/26/16	87.36		**87.36**
11/28/16	173.62		**173.62**
11/29/16	159.47		**159.47**
11/30/16	170.38		**170.38**
12/01/16	146.01		**146.01**
12/02/16	151.33		**151.33**
12/05/16	144.56		**144.56**
12/06/16	161.87		**161.87**
12/07/16	140.98		**140.98**
12/08/16	141.29		**141.29**
12/09/16	150.19		**150.19**
12/10/16			
12/12/16	149.83		**149.83**
12/13/16	140.33		**140.33**
12/14/16	130.76		**130.76**
12/15/16	140.08		**140.08**
12/16/16	160.79		**160.79**
12/19/16	137.44		**137.44**
12/20/16	129.84		**129.84**
12/21/16	118.35		**118.35**
12/22/16	127.83		**127.83**
12/23/16	127.25		**127.25**
12/26/16	126.05		**126.05**
12/27/16	133.98		**133.98**
12/28/16	128.69		**128.69**
12/29/16	135.13		**135.13**
12/30/16	38.00		**38.00**

10th Street Recycling Facility OUTBOUND RESIDUE REPORT (TONS)
JAN 2016 - DEC 2016

Date	10th St MRF
01/05/16	
01/07/16	22.22
01/08/16	22.48
01/09/16	
01/11/16	62.45
01/13/16	
01/14/16	
01/16/16	21.21
01/18/16	88.36
01/19/16	
01/20/16	
01/23/16	
01/25/16	68.79
01/26/16	21.69
01/27/16	
01/28/16	
02/01/16	19.51
02/02/16	63.81
02/03/16	23.33
02/04/16	
02/05/16	
02/08/16	
02/09/16	44.94
02/10/16	43.12
02/11/16	19.76
02/12/16	16.64
02/13/16	40.07
02/15/16	42.85
02/16/16	41.80
02/17/16	40.73
02/18/16	46.15
02/19/16	45.15
02/20/16	43.13
02/22/16	45.58
02/23/16	43.49
02/24/16	44.51
02/25/16	40.95
02/26/16	43.43
02/27/16	43.20
02/29/16	44.93
03/01/16	43.65
03/02/16	44.32
03/03/16	38.31
03/04/16	44.61
03/05/16	43.70
03/07/16	44.52
03/08/16	43.35
03/09/16	17.93
03/10/16	20.54
03/11/16	17.38

Date	10th St MRF
03/12/16	
03/14/16	
03/15/16	42.80
03/16/16	22.22
03/17/16	21.90
03/18/16	21.08
03/19/16	
03/21/16	21.76
03/22/16	41.77
03/23/16	41.50
03/24/16	40.81
03/25/16	40.55
03/26/16	
03/28/16	43.55
03/29/16	20.93
03/30/16	22.73
03/31/16	22.13
04/01/16	22.73
04/02/16	
04/04/16	65.66
04/05/16	40.29
04/06/16	41.62
04/07/16	42.39
04/08/16	21.77
04/11/16	21.69
04/12/16	18.54
04/13/16	21.21
04/14/16	20.51
04/15/16	
04/18/16	18.59
04/19/16	18.18
04/20/16	19.76
04/21/16	19.97
04/22/16	
04/25/16	41.09
04/26/16	18.01
04/27/16	20.77
04/28/16	20.77
04/29/16	21.40
05/02/16	19.29
05/03/16	
05/04/16	21.16
05/05/16	21.85
05/06/16	
05/07/16	43.37
05/10/16	
05/11/16	
05/12/16	
05/13/16	
05/14/16	21.31
05/16/16	21.78
05/17/16	
05/18/16	
05/20/16	

Date	10th St MRF
05/21/16	42.58
05/24/16	
05/25/16	
05/26/16	
05/27/16	
05/28/16	42.50
05/31/16	
06/01/16	
06/02/16	21.43
06/03/16	20.91
06/04/16	42.30
06/06/16	43.43
06/07/16	65.93
06/08/16	43.52
06/09/16	68.01
06/10/16	65.74
06/11/16	44.21
06/13/16	45.41
06/14/16	42.92
06/15/16	43.14
06/16/16	43.49
06/17/16	22.32
06/18/16	21.79
06/20/16	44.18
06/21/16	43.33
06/22/16	20.56
06/23/16	20.40
06/24/16	22.43
06/25/16	21.23
06/27/16	
06/28/16	
07/06/16	
07/07/16	
07/09/16	22.59
07/11/16	21.72
07/12/16	
07/14/16	
07/15/16	
07/16/16	43.35
07/18/16	42.54
07/20/16	41.42
07/21/16	
07/22/16	22.55
07/23/16	21.40
07/25/16	42.95
07/26/16	44.05
07/28/16	20.82
07/29/16	39.79
08/01/16	21.70
08/02/16	20.52
08/03/16	43.61
08/04/16	
08/05/16	
08/08/16	43.18

Date	10th St MRF
08/09/16	21.07
08/10/16	
08/11/16	
08/15/16	21.39
08/16/16	21.72
08/17/16	20.94
08/18/16	
08/22/16	43.14
08/23/16	43.69
08/25/16	
08/26/16	
08/29/16	43.26
08/30/16	43.65
08/31/16	
09/01/16	43.57
09/06/16	21.63
09/07/16	
09/08/16	
09/12/16	43.45
09/13/16	21.82
09/14/16	
09/15/16	21.63
09/19/16	22.20
09/20/16	22.24
09/22/16	
09/23/16	
09/24/16	21.30
09/26/16	
09/28/16	
09/29/16	63.31
09/30/16	21.57
10/03/16	66.92
10/06/16	
10/07/16	
10/10/16	66.48
10/12/16	
10/14/16	23.23
10/17/16	64.66
10/20/16	
10/21/16	
10/24/16	41.87
10/25/16	21.84
10/27/16	
10/28/16	
10/29/16	
10/31/16	22.80
11/01/16	59.44
11/02/16	18.55
11/04/16	
11/05/16	
11/07/16	
11/08/16	
11/11/16	
11/18/16	

Date	10th St MRF
11/19/16	
11/21/16	
11/22/16	
11/23/16	
11/26/16	
11/29/16	
11/30/16	
12/01/16	
12/02/16	
12/03/16	
12/05/16	
12/06/16	
12/07/16	
12/08/16	
12/09/16	
12/10/16	
12/13/16	
12/14/16	
12/16/16	
12/17/16	
12/20/16	
12/21/16	
12/22/16	
12/23/16	
12/26/16	
12/29/16	
12/30/16	

Appendix 8

Load Check Program

Load Check Program

for

California Waste Solutions
Wood Street Recycling Facility
3300 Wood Street
Oakland, CA 94608

or

10th Street Recycling Facility
1820 10th Street
Oakland, CA 94607

Prepared for:

CALIFORNIA WASTE SOLUTIONS, INC.
www.californiawastesolutions.com
1820 10th Street, Oakland, CA 94607 USA Phone: 510.832.8111 Fax: 510.832.8206
1005 Timothy Drive, San Jose, CA 95133-1043 USA Phone 408.292.0830 Fax 408.292.0833

Prepared by:

TOTAL COMPLIANCE MANAGEMENT

Sacramento, California

July 31, 2017

PREFACE

Because of the increased awareness regarding the potential health risks associated with the disposal of prohibited, hazardous, and polychlorinated biphenyl (PCB) wastes at solid waste disposal or transfer facilities, Federal and State regulations have required random checks of incoming loads.

This Load Checking Program has been prepared for the California Waste Solutions (CWS) for use at their Recycling Facility (RF) operations in order to minimize potential harm to human health and the environment from hazardous substances or wastes. This document will serve as a statement of the operator's procedures to identify, segregate, handle, store, and dispose of hazardous substances or wastes encountered during facility operations.

1.0 INTRODUCTION

In recent years, the hazards posed by the intentional and unintentional disposal of prohibited, hazardous, and polychlorinated biphenyl (PCB) wastes in nonhazardous solid waste stream have become the subject of increasing concern. The repercussions of careless disposal practices include worker injuries and illness, fires and explosions in collection vehicles and in facilities, and contamination of air and ground water.

This Load Checking Program for the RF is designed to identify prohibited, hazardous, and PCB wastes at the load checking area to prevent their presence at the site. Specific elements of the program include:

- Inspection of incoming loads,
- Training of the facility personnel in prohibited, hazardous, and PCB wastes recognition and handling procedures,
- Reporting incidents of unlawful disposal to specific agencies

The details of the Load Checking Program are presented in Sections 2 through 4.

2.0 DESCRIPTION OF ACCEPTABLE AND PROHIBITED WASTES

This section describes types of wastes that can be accepted at the facility. In addition, the characteristics of hazardous wastes are described.

2.1 Permissible Wastes

The facility will only accept the following materials:

2.1.1 Mixed Recyclables
Mixed recyclables consist of plastic, metal, and paper recovered from CWS collection programs as well as like programs for other regional entities. This source-separated material is collected from commercial and residential programs.

2.2 Prohibited Wastes

The facility does not accept municipal solid waste or green materials. Prohibited wastes include hazardous, designated, and liquid wastes. The following is a listing of prohibited wastes to assist the onsite trained personnel for proper identification.

- All Liquids (acids, bases, solvents, thinners, etc.)
- Asbestos
- Auto Batteries
- Paint (both water and oil base)
- Pesticides
- Anitfreeze
- Gas Cylinders
- Gasoline or other Liquid Fuels
- Mercury, elemental
- Fluorescent Tubes
- Radioactive Materials
- Wood Preservatives (Creosote or PCP's)
- Detergent
- Explosives
- Petroleum Products, Oil
- Any Liquids or Gasses contained in cylinders or drums
- PCBs (Polychlorinated Biphenyls)

Hazardous wastes are defined as those wastes that exhibit any of the criteria set forth in CCR Title 22. The criteria for identification of Hazardous and Extremely Hazardous Waste include toxiCWS (Sections 66696 and 66699), ignitability (Section 66702), reactivity (Section 66705), and corrosivity (Section 66708). In addition, those materials considered hazardous wastes according to the Resource Conservation and Recovery

Act (RCRA), 42 U.S.C. 6901 et seq. also are considered hazardous wastes under state law (California Health and Safety Code, Sections 25143.2 and 25159.5).
To help personnel perform effective load checking duties, they must understand what makes wastes hazardous.

Wastes are hazardous if they have any of the following properties:

- Flammable or ignite easily
- Corrode metal or burn skin
- React with other substances
- Poisonous or toxic
- Build-up in the environment or do not biodegrade
- Infectious or cause disease
- Other materials determined to be hazardous.

Examples of hazardous wastes containing these properties are as follows:

2.2.1 Toxic Wastes

Poisonous or toxic wastes are hazardous because they can cause illness or death if ingested, inhaled, injected, or absorbed through the skin. Short term effects can be skin bums or choking; long term effects can include damage to internal organs, cancer, and other health problems. The term toxic also refers to effects on animals and plants in the environment. Examples are:

- Liquids - pesticides and sanitizing chemicals, liquid industrial wastes containing metals and other chemical such as cyanide, formaldehyde (embalming fluid);
- Gases - chlorine, nitrogen, acetylene;
- Solids - sludges, waste inks, pesticides, cyanide compounds.

How to Identify Toxic Wastes:

Industrial Labels: "Corrosive," "Burned Hand Symbol," "Poison," "Oxidizer," “PIH” (Poison Inhalation Hazard Magenta sticker), “UN” plus four digit number on packaging.

2.2.2 Ignitable Wastes

Flammable materials are hazardous because they ignite easily and burn intensely. They can be liquids, solids, or gases. Examples are:

- Liquids - gasoline, paint thinners, strippers, degreasers and solvents, epoxy resin, glues and adhesives, rubber cement, waste ink.
- Gases - acetylene cylinders, hydrogen cylinders, propane and butane, liquefied gas bottles, some aerosol containers.
- Solids - aluminum phosphide, ammonium nitrate, Phosphorus, matches.

How to identify Flammable Materials:

Industrial Labels: "Flammable," "Ignitable," "Flame Symbol," "Oxidizer."

Types of Material: Fuels, solvents, and compressed gases.

2.2.3 Reactive Wastes

Reactive wastes are unstable or react with other materials to burn, explode, or give off fumes when mixed with water, air, or other materials. Examples are:

- Liquids - some metal plating chemicals like chromic acid, cyanide solutions, water-treatment chemicals for swimming pools.
- Gases - Oxygen
- Solids - explosives like dynamite, ammonium nitrate fertilizer, phosphorus, dry swimming pool chemicals, epoxy resins.

How to Identify Reactive Wastes:

Industrial Labels: "Oxidizer" "Organic Peroxide", "Explosive", "Dangerous', "Blasting Agents", "Reactive"

Words on Labels: "May react with other materials," "incompatible or unstable, " or " keep away from ... "

Types of Wastes: Suspicious liquid and dry substances including swimming pool chemicals.

2.2.4 Corrosive Wastes

Corrosive wastes are hazardous because they can dissolve metals and burn skin and eyes on contact. They include acids, bases, and other harsh chemicals such as bleach and cleaning components. Examples are:

- Liquids - acids, bases, metal-treating compounds, ammonia, laundry bleaches, and alkaline degreasers (restaurant cleansers).
- Gases - chlorine, ammonia, others.
- Solids - sodium hydroxide or lye, fertilizers, detergents.

How to identify Corrosive Wastes:

Industrial Labels: "Corrosive", "Burned Hand Symbol," precautionary words on labels such as "Danger", " Caution ", " Warning ", or " May be corrosive or irritate skin and eyes. "

Types of Wastes: Industrial metal cleaning products, suspicious liquid and dry granular material.

2.2.5 Non-Biodegradable Wastes

Non-Biodegradable wastes are hazardous because they build up in the environment and poison/injure plants and animals. Examples are:

- Liquids – PCB's, liquids containing some pesticides and metals, mercury.
- Solids -- Certain pesticides like DDT, utility poles treated with PCP, lead, and asbestos.

How to Identify Toxic Wastes Which Harm the Environment:

Industrial Labels: "Contains PCB's", pesticide labels; "Asbestos," light blue or clear plastic bags.

Types of Wastes: Electrical equipment, pesticides, utility poles, insulation material.

2.2.6 Infectious Wastes

Infectious or Disease Causing:

Infectious wastes are hazardous because of the germs/diseases they carry, and present a risk to handlers. Examples are:

- Hospital and clinic wastes
- Animal carcasses

How to Identify Infectious Materials:

Industrial Labels: Red infectious waste bags or red plastic sharps boxes with 3-sickle design, words such as "pathogenic," "mutagenic," or "teratogen."

2.2.7 Other Hazardous Wastes

Other Wastes Determined To Be Hazardous:

Certain other wastes are hazardous and require special treatment/handling. Examples are:

- Radioactive materials with yellow "radioactive" label.
- Waste lubricating oils except those contained in major appliances.
- Car and truck batteries.
- Water and oil base paint.

3.0 LOAD CHECKING PROGRAM

3.1 Objective

The objective of the load checking program is to detect attempts to dispose of prohibited wastes. The program developed for the RF has been structured to meet or exceed the requirements of Title 40 of the Code of Federal Regulations, Part 258, Subpart C, Section 258.20 (Subtitle D) and 14 CCR 17409.5.

3.2 Training

All applicable personnel are trained to identify prohibited wastes and properly handle unacceptable wastes. This training program is conducted for all new applicable employees and also conducted on an as needed basis. Any updated regulations for prohibited, hazardous, or PCB wastes will be disseminated to the employees immediately.

3.3 Waste Screening

Waste screening is a continuous function of personnel during operating hours. Incoming loads are visually observed by operations personnel and suspect waste is removed and properly identified. Waste identified as prohibited or hazardous is properly handled and removed from the site by CWS personnel or appropriately licensed handler for off-site recycling or disposal.

3.4 Load Checking

Loads will be checked upon delivery – a minimum of three per day while recyclables are arriving will be documented. The initial step in load checking occurs when the vehicle dumps its load into the transfer trailer, roll-off box, stockpile, or bunker. The collection vehicle driver or other trained personnel survey the load during and after discharge. All prohibited, hazardous, and PCB wastes are identified, logged, and properly managed or rejected. All individuals involved in the actual load checking will exercise caution to protect themselves, other employees and the public from hazardous and PCB waste materials. This includes, at a minimum, the wearing of gloves, boots and other protective clothing and not handling hazardous wastes if encountered. Although the intent of the Load Checking Program is to prevent the disposal of hazardous and PCB wastes, the safety of the employees is always the primary concern and goal.

The LEA will be notified of the identification, segregation, acceptance and disposition of any serious unlawful delivery of hazardous materials identified through the load checking process by contacting the Alameda County Department of Environmental Health at (510) 567-6790.

3.4.1 Type of Loads to be Screened

All loads are subject to the checking process.

3.4.2 Frequency of Checking

All incoming loads are continuously monitored by the attendant and spotters for the presence of hazardous waste. Loads will be checked upon delivery – a minimum of three times per day when recyclables are arriving will be documented.

3.4.3 Report of Findings

The Site Manager shall complete the "Load Check Inspection Record" and "Load Checking Log" to document the disposition of prohibited wastes in loads that are screened at this facility. This information is available to the County Local Enforcement Agency and other appropriate authorities for inspection.

4.0 METHODS FOR DETERMINING WASTE ACCEPTABILITY

4.1 Physical Assessment

One practical means for determining the acceptability of a suspicious waste is to examine a product label. Warning labels such as "harmful if inhaled," or "use only in a well-ventilated area" are often useful in identifying the waste type. In some cases, physical signs (odor, color) of the presence of a prohibited waste are detected. This observation often provides sufficient data to identify the waste. In physically assessing a waste load, the inspector may note an incompatibility in waste type that draws attention to the part of the load that seems out of place.

4.2 Disposition of Prohibited Wastes

If prohibited wastes are discovered as a result of any of the waste identification activities listed above, waste identified as prohibited or hazardous is properly handled and removed from the site by CWS personnel or appropriately licensed handler for off-site recycling or disposal.

APPENDIX A

SUBSTANCE IDENTIFICATION

Asbestos:
(Friable) Asbestos particles, when inhaled are considered hazardous. This product is most common in the form of insulation for electrical and heating products, but may also be found in various forms of heat protective clothing.

(Non-Friable) This material would normally be encountered in the form of transite pipe, siding from buildings and various forms of roofing materials. Care should be taken to minimize handling of this material. The material is rejected from acceptance at the facility.

Pesticides:
Pesticides are normally marked as such on the outside of the product container. An example of a common label is as follows:

RESTRICTED USE PESTICIDE
FOR RETAIL SALE TO AND APPLICATION ONLY BY CERTIFIED
APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION

Liquid pesticides are normally a brown amber color, similar to that of syrup. A listing of commonly found pesticides is included at the end of this section. This substance might be found in a solid, liquid or gaseous form, is a POISON and could be consumed by inhalation or through contact with the skin.

Antifreeze:
This is a liquid that is normally added to water to lower the freezing point. Other names for this product are Ethylene Glycol or Propylene Glycol. Common identification would be through product name such as "PRESTONE" or other product labeling. This substance is a POISON.

Gasoline:
This is a liquid that is commonly used as a fuel in internal combustion engines. Common identification would be in the form of a Red colored container labeled as "Gasoline." Substance identification may be difficult if not found in a labeled container. This substance is Highly Flammable.

Mercury:
Common uses of this substance are in barometers, thermometers, hydrometers, switches, pharmaceutical products, agricultural chemicals and certain paint products. It may be very difficult to detect the presence of this material unless it is clearly identified on a specific product label. It is normally found as a shiny silver liquid.

Radioactive Materials:
It will be very difficult to identify radioactive materials unless the product is labeled as such. A common source of radioactive materials is through medical treatment centers. All radioactive materials are required to have the standard radioactive placard identified as follows:

This placard is further identified on the "DOT CHART" contained in the appendix of this file.

Wood Preservatives:
Common products would consist of creosote or PCP. Pentachlorophenol (PCP) is normally used as a fungicide or wood preservative. These would normally enter the RF in the form of treated posts or utility poles or pilings. Substances may be difficult to identify in the product form unless labeled as such in a container. These substances would be rejected from landfilling due to their liquid properties. Product may also be found in the raw form as a white powder.

PCB's (Polychlorinated Biphenyls):
The most common use of this substance is in electrical transformers. This product has been banned from use in the United States since 1979. This product is found in electrical capacitors, mineral oils, cutting oils, adhesives, paint products, contaminated soils, electrical appliances, hydraulic machines and ballasts for fluorescent light assemblies. In summary, this product may be very difficult to detect unless identified on specific product labeling.

Attachments

California Waste Solutions
SOLID WASTE TRANSFER FACILITY

LOAD CHECK INSPECTION RECORD

Complete a form for each vehicle inspection.

DATE:_____

TIME: _____

LOAD INSPECTOR NAME: _____

HAULER/CUSTOMER NAME:_____

VEHICLE OR LICENSE NUMBER:_____

TYPE OF WASTE:_____

SOURCE OF WASTE:_____

If load does not have any hazardous material, please mark N/A (not applicable) under each section.

HAZARDOUS WASTE OBSERVED						
Description of Material	***Rejected or Abandoned***	***Liquid or Solid***	***Container Size***	***Volume of Container***	***Container Condition***	***Hazardous Class***

Comments_____

_____

_____

REFRIGERATOR
FREEZER
WASHER
DRYER
STOVE
OVEN
BOILER
WATER HEATER
TIRES
FLOURSCENT LIGHTS
LIGHT BULBS

UNKNOWN LIQUID
PAINT
BATTERY
GASOLINE
PESTICIDES
TREATED WOOD
OIL
SOAP
MICROWAVE
OTHER

Attachments

California Waste Solutions
RECYCLING FACILITY

EMPLOYEE TRAINING RECORD

THIS IS TO CERTIFY that I have on this day completed the company's Load Checking Inspection training program. I will be guided by these rules while in the employ of this Company.

I understand that it is a requirement of my employment that if I notice any waste material that may be a hazardous waste or PCB waste, or that could pose a potential danger to me or my fellow employees, I will immediately warn my fellow employees and notify a supervisor or the Facility Manager and obtain instructions.

_____ _____

Employee Name (Please Print) Employee Signature

_____

Date

Attachments

California Waste Solutions
RECYCLING FACILITY

LOAD CHECKING LOG

DATE	DELIVERY MATERIAL TYPE	HAZARDOUS MATERIALS (Y/N)	MATERIALS RECOVERED (if applicable)	EMPLOYEE NAME (printed)	SIGNATURE	COMMENTS
/ /						
/ /						
/ /						
/ /						
/ /						
/ /						
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/ /						
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