



California Environmental Protection Agency  
Department of Toxic Substances Control  
Series A Standardized Hazardous Waste Facility Permit

Facility Name and Location:  
Filter Recycling Services, Inc.  
180 West Monte Avenue  
Rialto, California 92316  
County of San Bernardino

Facility EPA ID No.: CAD982444481  
Effective Date: January 21, 2002  
Expiration Date: January 21, 2012

Facility Owner:  
Jon L. Bennett, Jr.  
180 West Monte Avenue  
Rialto, California 92316  
County of San Bernardino

Date Modified: **DRAFT**

Facility Operator:  
Filter Recycling Services, Inc.

Pursuant to California Health and Safety Code, Division 20, Chapter 6.5, this Series A Standardized Hazardous Waste Facility Permit is hereby issued to Filter Recycling Services, Incorporated for the operation of its Rialto, California facility.

The issuance of this permit, which consists of 69 pages and attachments, is subject to all the terms and conditions set forth herein.

\_\_\_\_\_  
Edward Nieto, P.E.  
Supervising Hazardous Substances Engineer I  
Used Oil and Tanks Team  
Office of Permitting

\_\_\_\_\_  
Date

**FILTER RECYCLING SERVICES, INCORPORATED  
STANDARDIZED HAZARDOUS WASTE FACILITY PERMIT**

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## **PART I - DESCRIPTION OF THE FACILITY**

### 1. OWNER

The owner of the facility is Jon L. Bennett, Jr.

### OPERATOR

The operator of the facility is Filter Recycling Services, Inc.

### PERMITTEE

The Permittee as used in this Standardized Permit means the owner and operator listed above.

### 2. LOCATION

The Permittee's facility (hereafter the Permittee's Facility or the Facility) is located at 180 West Monte Avenue, Rialto, in San Bernardino County, at latitude 34 degrees 3 minutes 34 seconds and longitude 117 degrees 22 minutes 51 seconds. The Facility is located on land that is zoned by the City of Rialto for heavy industrial land use. The Facility is not located in a designated flood zone. The Facility is located on Parcel 4 of Parcel Map 12364, as per Map recorded in Book 146, Pages 38 and 39 of Parcel Maps, in the Office of the County Recorder of San Bernardino, State of California.

### 3. OPERATIONS

#### (a) General description

In accordance with Health and Safety Code section 25201.6, this Standardized Permit is granted by the Department of Toxic Substances Control (DTSC) to Filter Recycling Services, Incorporated, EPA ID number CAD 982444481, for the purpose of authorizing the operation of a transfer, treatment, and storage facility.

Filter Recycling Services, Inc. (FRS) has operated at this location since 1990 and was granted Interim Status authorization in 1993 pursuant to Health and Safety Code section 25201.6. In 1993, FRS also applied to the DTSC for a Series A Standardized Hazardous Waste Facility Permit (Standardized Permit or Permit) authorizing the operation of a hazardous waste treatment and storage facility. DTSC issued the Standardized Permit to FRS on December 17, 2001. The Permit became effective January 22, 2002 and expired January 22, 2012. FRS has since submitted an application to renew its Permit. The 2002 Permit remains effective until DTSC makes a final decision on the FRS Permit renewal application.

FRS accepts multiple wastestreams (mostly contaminated containers of various types) and uses shredder/seperator units to generate metallic material which are sent to an offsite smelter for metal reclamation. During the shredding and separation process, hazardous wastes are generated and are sent offsite to authorized treatment or disposal facilities. FRS also uses the shredder/seperator to shred consumer products which the manufacturer requires to be certified destroyed. Hazardous wastes, including ignitable waste, are also generated when FRS runs aerosol cans through puncturing machines before putting the empty cans into the shredder/separators. Additionally, FRS accepts waste antifreeze and used oil that are bulked into larger containers to be sent to an offsite recovery facility.

The wastes accepted by the Facility are limited to wastes that are not fully regulated as hazardous wastes under the Resource Conservation and Recovery Act (RCRA) and federal regulations contained in Part 261, Title 40, Code of Federal Regulations. For example, these wastes would be considered RCRA hazardous wastes, but are exempted or excluded from federal facility permitting requirements only because these waste are Household Hazardous Waste (HHW) or generated by Conditionally Exempt Small Quantity Generators (CESQG). Additionally, FRS also accepts wastes that are regulated as hazardous wastes only in California. FRS also accepts non-hazardous wastes. The management of the non-hazardous wastes is not regulated under this Standardized Permit.

Accepted liquid wastes are either stored and shipped to an authorized hazardous waste facility, or combined with similar liquids and shipped to an authorized hazardous waste facility. Solid wastes are 1) stored and shipped to an authorized hazardous waste facility, 2) combined with similar solid wastes and shipped to an authorized hazardous waste facility, or 3) treated through shredding and separating equipment and the different separated wastes are shipped to either an authorized hazardous waste facility or a non-hazardous waste management facility.

A written assessment that was certified by an independent, qualified, professional engineer registered in California was completed for the containment systems. In this assessment, the engineer certified that the containment systems satisfy the requirements of sections 66264.175, 66264.193, 66270.15, and 66270.16 of Title 22 of the California Code of Regulations. Additionally, safe management practices, operating procedures, inspection programs, and the facility's contingency plan all ensure environmentally safe operations at the Facility.

(b) Listing of units regulated by this permit

**Note:** The units listed below are located in the Facility Plot Plan, which is attached hereto and incorporated by this reference as Attachment 1, Figure 2.

1. Shredder/Separator - (T1)

2. Shredder/Separator - Paint Waste (T2)
3. Drum Crusher/Bailer (T3)
4. Aerosol Can Puncturing (T4)
5. Aerosol Can Puncturing (T5)
6. [DELETED]
7. Container Decontamination (T7)
8. Waste Storage (Interior) (S1)
9. Waste Storage (Exterior) (S2)
10. Waste Storage (Interior Area 10) (S3)
11. Waste Storage Exterior South Area (S4)

4. STANDARDIZED PERMIT APPLICATION

The Standardized Permit Application dated March 23, 1994, including all submittals and responses to Notices of Deficiencies dated July 9, 1997 and September 30, 1997 and the Standardized Permit Application dated May 25, 2010 is hereafter referred to as the "Permittee's Standardized Permit Application." A list of all sections of the Permittee's Standardized Permit Application is attached as Attachment 3. The Permittee's Standardized Permit Application is, by this reference, made part of this Standardized Permit. In the event of any conflict between this Standardized Permit and the Permittee's Standardized Permit Application referenced herein, the provisions of the Standardized Permit shall be controlling.

5. REFERENCES AND TERMINOLOGY

All parts in this Standardized Permit are identified by Roman numerals. Unless explicitly stated otherwise, all cross-references to items in this Standardized Permit shall refer only to items occurring within the same part. All terms used in this Standardized Permit shall have the same meaning as those terms have in the California Health and Safety Code (H&SC), Division 20 and Title 22, California Code of Regulations (22, Cal. Code Regs.), Div. 4.5, unless expressly provided otherwise by this Standardized Permit.

6. EFFECT OF PERMIT

- (a) The Permittee shall comply with the provisions of Chapter 6.5 of Division 20 of the Health and Safety Code (H&SC) and Division 4.5 of Title 22 of the Cal. Code Regs., as well as all the terms and conditions of this Standardized Permit, and shall conduct all hazardous waste management activities and all Facility operations as they are described in the Permittee's Standardized Permit Application. The issuance of this Standardized Permit by the DTSC does not release the Permittee from any liability or duty imposed by federal or State statutes and regulations or local ordinances, except the obligation to obtain this Standardized Permit. In particular, the Permittee shall obtain the required permits required by other governmental agencies at the federal, State, and local levels under the applicable land use planning, zoning, hazardous waste, air quality, water quality, and solid waste management laws for the construction and/or operation of the

Facility. If there is overlap in the requirements imposed by any of the above permits, the most protective or stringent requirement as determined by DTSC, shall apply.

- (b) The Permittee is permitted to transfer, store, and treat hazardous waste in accordance with the conditions of this Standardized Permit as specified in Part II and Part III of this Standardized Permit. Any transfer, storage, and treatment of hazardous wastes not specifically authorized in Part II or not listed in Part III of this Standardized Permit is strictly prohibited.
- (c) The Permittee shall comply with the conditions of this Standardized Permit, the requirements of Chapter 6.5 of Division 20 of the H&SC, and with the regulations adopted by DTSC pursuant to Chapter 6.5 of Division 20 of the H&SC, including regulations which become effective after the issuance of the Standardized Permit.
- (d) Compliance with the terms of this Standardized Permit does not constitute a defense to any action brought under any other law governing protection of public health or the environment, including but not limited to one brought for any imminent and substantial endangerment to human health or the environment. Notwithstanding any term or condition in this Standardized Permit, DTSC may adopt or amend regulations which impose additional or more stringent requirements than those existing at the time this Standardized Permit was issued. DTSC may fully enforce both the Standardized Permit and all additional or more stringent requirements against the Permittee, regardless of the time of adoption of such additional or more stringent requirements.
- (e) Failure to comply with any terms or conditions set forth in this Standardized Permit in the time or manner specified herein will subject the Permittee to possible enforcement action, including but not limited to penalties pursuant to H&SC 25187.
- (f) In addition, failure to submit any information required in connection with this Standardized Permit, or falsification and/or misrepresentation of any submitted information, is grounds for termination of the Standardized Permit (22, Cal. Code Regs., section 66270.43).

7. COMPLIANCE WITH CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

DTSC prepared a Negative Declaration in accordance with CEQA (Public Resources Code, section 21000, et seq.) and the State guidelines thereunder.

8. FACILITY HISTORY

The Permittee has operated at this location since 1990, and was issued a Standardized Permit Interim Status, Series B, in 1993. DTSC issued a Standardized Hazardous Waste Facility Permit for FRS on December 17, 2001 that was appealed by interested parties. The permit decision was stayed and FRS continued to operate the Facility under the terms

and conditions of the December 29, 1997 Consent Order entered into by DTSC and FRS. On October 23, 2006, DTSC rescinded the stay of the Permit decision. FRS was issued a Series A, Standardized Permit, effective January 21, 2002 that has an expiration date of January 21, 2012.

9. CLOSURE COST ESTIMATE

The Closure Cost Estimate, as approved by DTSC on June 1, 2009, is \$317,343.00.

## PART II - SPECIAL CONDITIONS

1. The Permittee is prohibited from any treatment and storage activities not specifically described in Part III of this Permit.
2. Hazardous waste shall not be land disposed at the Facility, whether temporarily or permanently.
3. The Permittee shall not store hazardous waste in excess of one calendar year from the time such waste was first stored.
4. In the event any cracks, gaps or tears are detected in the secondary containment of Unit #8 through #11, repairs shall be initiated as soon as possible and completed within seven (7) days of discovery of the problem. The Permittee shall notify DTSC within twenty-four (24) hours whenever cracks, gaps or tears are found and notify DTSC in writing within seven (7) days of discovery of the problem delineating what was done to correct the problem.
5. The following plans required for the Standardized Permit and certified for use by the Permittee in accordance with Health and Safety Code, section 25201.6(c)(4) shall be maintained at the Facility at all times until Facility closure is completed, certified by an independent professional engineer registered in California and approved by DTSC, and shall be made available to local, State, and federal agencies upon request:
  - (a) Contingency Plan and Emergency Preparedness.
  - (b) Facility Management Practices.
  - (c) Facility Siting Information.
  - (d) Inspection Plan.
  - (e) "Land Ban" Compliance.
  - (f) Manifesting.
  - (g) Personnel Training.
  - (h) Reporting.
  - (i) Security Plan.
  - (j) Waste Analysis Plan.
  - (k) Operating Records.
6. This Permit authorizes operation of the Facility units and activities listed in Part III subject to the conditions specified herein. The Permittee shall not treat or store hazardous wastes in any unit other than those specified in Part III. Any modifications to the designated units or permitted activities require a written request and written approval of DTSC in accordance with the permit modification procedures set forth in Title 22, California Code of Regulations, sections 66270.41 and 66270.42.

7. The Permittee shall, as a specified condition of this Standardized Permit, comply with waste discharge requirements issued by the Regional Water Quality Control Board, and any conditions imposed pursuant to section 13227 of the Water Code.
8. For the purpose of calculating fees for this "Series A Standardized Permit" Facility pursuant to Health and Safety Code, section 25201.6(a)(1), the total influent volume is greater than 100,000 pounds per calendar month.
9. This Standardized Permit is hereby granted subject to the condition that all the requirements of Health and Safety Code, Division 20, Chapter 6.5, all applicable provisions of Title 22, California Code of Regulations, Division 4.5, and all terms and conditions of this Standardized Permit are complied with. If the aforesaid conditions are not met this Standardized Permit may be revoked and other authorized enforcement action may be taken at the discretion of DTSC.
10. Deleted.
11. Deleted.
12. The Permittee shall not stack: 5-gallon containers more than five (5) containers high; 20 gallon containers more than three (3) containers high; 30 gallon containers more than (3) containers high; or 55-gallons drums more than two (2) drums high within Unit # 8 through #11. Cubic yard boxes and liquid totes shall not be stacked more than 2 high. All other containers shall not be stacked.
13. The Permittee shall maintain a minimum aisle space of three (3) feet within Unit #8 through #11 to allow for access of emergency equipment and personnel.
14. All ignitable and reactive wastes shall be stored in the designated Ignitable Waste Storage Areas (IWSA) within Unit #8, #9, and #11 as identified in the Facility Plot Plan (Attachment 1, Figure 1). The IWSA shall be delineated with a 6" red painted border.
15. The Permittee is authorized to receive, transfer, store or treat only the hazardous wastestreams specified in Table 1 of this Permit. A wastestream must meet the conditions specified in Table 1 that are applicable to that wastestream to be authorized. The wastestream must meet the applicable common name, waste codes (US EPA and/or California Waste Code) and process identified as generating the waste (referred to as "Process Generating Waste" in Table 1) to be authorized.
16. The Permittee shall not accept for storage or treatment aerosol cans with illegible labels or no labels.
17. The Permittee shall not accept for storage or treatment aerosol cans containing chlorofluorocarbon or pesticides.

18. The Permittee shall not conduct treatment, as defined in Health and Safety Code section 25123.5 and Title 22, California Code of Regulations section 66260.10, used oil and oily wastewaters. Prohibited treatment for these wastes includes, but is not limited to, gravity separation of used oil, waste oil and oily water, or blending/mixing of different weights of these wastestreams for recycling purposes.
19. The Permittee shall conduct all loading and unloading operations within the boundary of the Facility. Transport vehicles, including the tractor and trailer, must be within the boundary of the Facility at all times during loading and unloading operations.
20. For the purpose of calculating the permitted maximum capacity limitations for storage and for secondary containment, all containers in the authorized units are assumed to be full, and all hazardous waste that is stored or located in an authorized unit shall be included in the calculation for that unit, including any hazardous waste that is covered by the transfer facility exemption pursuant to California Code of Regulations, title 22, section 66263.18.
21. The Permittee's shall only conduct exempt transfer activities (i.e., storage less than 10 days) pursuant to California Code of Regulations, title 22, section 66263.18 in the Waste Storage (Exterior) (S2) unit (Unit #9) and Waste Storage Exterior South Area (S4) unit (Unit #11), as shown in the Facility Plot Plan (Attachment 1, Figure 2).
22. The Permittee shall ensure that the exhaust fans and air pollution control equipment (electrostatic precipitator) are turned on and are operating properly during operation of treatment units Unit #1, Unit #2, Unit #3, Unit #4, Unit #5, and Unit #7.
23. The Permittee shall ensure that all containers and transport vehicles containing ignitable wastes remain entirely within the designated IWSA, as identified in the Facility Plot Plan (Attachment 1, Figure 2), at all times.
24. All ignitable wastes, including any ignitable wastes from exempted transfer activities, shall be managed, handled, or stored at least 50 feet from the property line.

### **PART III – FACILITY UNITS**

#### **UNIT #1: SHREDDER/SEPARATOR (T1)**

#### **TYPE OF UNIT: TREATMENT**

#### **WASTE CODE AND TYPE:**

U.S. EPA Hazardous Waste No.: NONE  
California Waste Code: 141, 162, 171, 172, 181, 211, 213, 214, 221, 222, 223, 232, 241, 252, 271, 272, 281, 291, 311, 331, 343, 352, 461, 513, 551, 561, 571, 581, 591, 612, 613

**PERMITTED WASTE STREAMS:** 4, 5, 7, 8, 10-18, 20-28, 33, 34, 36, and 38 in Table 1.

#### **COMMON NAME OF WASTE:**

Containers that once contained or may still have a residual quantity of the following waste: Oil Debris [4], Oil Contaminated Absorbents [10], Solid Grease [11], Liquid Grease [12], Solidified Petroleum Tank Residuals (non RCRA) [13], Paint Debris [14], Paint Filters [15], Paints (latex based) [17], Paints (oil based) [18], Resin [21], Glues [22], Soaps (liquid) [23], Soaps (solid) [24], Oil Contaminated Asphalt Debris [25], Sand and Bead Blasting Residue (non RCRA) [26], Machining Grinding Residue (non RCRA) [27], Metal Polishing Debris (non RCRA) [28], Inks (liquid) [33], Ink (solid) [34], Other Spent Catalyst [36], Pharmaceutical Waste [38], and Spent Oil Aerosol Cans [5], Used Oil Filters [7], Oil Contaminated Containers [8], Paint Contaminated Containers [16], Spent Paint Aerosol Cans [20].

**HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE:** Toxicity

#### **LOCATION OF UNIT:**

This Unit is located in the northeast corner of the Facility building, and identified as Unit #1 in Facility Plot Plan (Attachment 1, Figure 2).

#### **PHYSICAL DESCRIPTION OF UNIT:**

This Unit is a steel structured mechanical machine comprised of conveyor belts connecting a shredder, a granulator (a second shredder), a magnetic separator, a rotary press and several liquid collection pans. Hoppers and bins are used to collect the separated components of the waste streams. The physical descriptions of each of the components of the Unit are described below.

	<u>Length</u>	<u>Width</u>	<u>Height</u>
1st Feed Elevating Conveyor	31' 2 3/4"	3' 8 3/8"	15' 5"
Shredder	5' 11"	14' 7 1/4"	9' 10 1/8"
2nd Elevating Conveyor	31' 2 3/4"	3' 8 3/8"	15' 5"
Granulizer (2nd shredder)	13' 10"	4' 1"	7' 6"

3rd Elevating Conveyor	14' 11"	2' 1/8"	11'
Vibrator Conveyor	11' 2"	1' 10"	2' 7"
	<u>Length</u>	<u>Width</u>	<u>Height</u>
Magnetic Separator	6'	2' 1/2"	1' 2 1/2"
4th Elevating Conveyor	14' 11"	2' 1/8"	11'
Rotary Press	12'	2' 1/8"	8'
<b><u>Collection units</u></b>			
Metal Hopper (1 cubic yard)	5' 7"	3' 5 1/2"	3' 4"
Debris Hopper (1 cubic yard)	5'	5'	3' 4"
Drip Pans (150 gals)	5'	4'	1' 1"



T1 Back

**ACTIVITY TYPE:** Physical Shredding and Magnetic Separation Process

**ACTIVITY DESCRIPTION:**

This Unit is used to process small containers (less than 12 inches in diameter) by shredding the container and separating the shredded container from any residual materials that were in the containers. The containers are emptied or only have a residual amount of material in them. This Unit is also used to process small containers of consumer products that the manufacturer requires to be certified destroyed.

The treatment process consists of a series of shredding and physical processes to separate the liquid, magnetic, and non-magnetic solids fractions of the incoming wastes. The two shredding devices reduce the physical size to allow better separation of solid fractions. The shredding

process also allows the release and collection of any entrained liquids in the incoming wastes. The magnetic separator is used to remove the majority of magnetic solids. The waste is manually placed on the input conveyor belt and the machine separates the incoming waste into three distinct waste streams: waste oil, metals scrap, and solid debris.

**TREATMENT CAPACITY:** 6,000 pounds per hour

**SPECIAL CONDITIONS:**

1. The Permittee shall ensure that all containers to be processed are emptied to the extent practicable before processing.
2. This Unit shall only process containers having a diameter of 12 inches or less.
3. This Unit shall only process empty containers, or containers that once contained or that have a residual quantity of the following waste streams identified in Table 1: 4, 5, 7, 8, 10-15, 16, 17, 18, 20-28, 33, 34, 36, and 38.
4. The Permittee shall process used oil filters separately from other wastestreams in this Unit.
5. All drip pans shall be emptied before and after processing, and at a minimum on a daily basis.
6. The Permittee shall check all drip pans prior to processing in this Unit to ensure that adequate collection capacity is available.
7. The Permittee shall process all aerosol cans in Unit #5 prior to processing in this Unit.
8. The Permittee may also process small containers of consumer products, as defined in Title 15 of the United States Code, Section 2052(a)(5), which the manufacturer of the consumer product requires to be certified destroyed, provided all the following conditions are met:
  - a. The containers of consumer products once contained or may still have a residual quantity of the following identified in waste streams 11, 12, 17, 18, 21-24, 33 and 34 in Table 1.
  - b. The Permittee shall process all containers of consumer products separately from other wastestreams in this Unit;
  - c. The Permittee shall empty all drip pans before and after processing of the containers of consumer products;
  - d. The Permittee shall manage all residues from processing containers of consumer products as hazardous waste; and  
The Permittee shall include a copy of the certificate of destruction given to the manufacturer or generator in the operating log.

**UNIT #2: SHREDDER/SEPARATOR - PAINT WASTE (T2)**

**TYPE OF UNIT: TREATMENT**

**WASTE CODE AND TYPE:**

U.S. EPA Hazardous Waste No.: NONE  
 California Waste Code: 211, 213, 214, 291, 352, 461, 512, 513 and 612

**PERMITTED WASTE STREAMS:** 14-18, 20 in Table 1

**COMMON NAME OF WASTE:** Paint Debris [14], Paint Filters [15], Paint Contaminated Containers [16], Paints (latex based) [17], Paints (oil based) [18], Spent Paint Aerosol Cans [20]

**HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE:** Toxicity

**LOCATION OF UNIT:**

This Unit is located in the center of the Facility Building, and identified as Unit #2 in Facility Plot Plan (Attachment 1, Figure 2).

**PHYSICAL DESCRIPTION OF UNIT:**

This Unit is a steel structured mechanical machine and is comprised of conveyor belts connecting a shredder, a magnetic separator, several liquid collection pans, and several solid debris and scrap metal collection bins. Hoppers are used to collect the separated wastes. The physical descriptions of each of the components of the Unit are described below.

	Length	Width	Height
1st Feed Elevating Conveyor	8' 6"	2' 1/2"	7'
Shredder	8' 6"	2' 4 1/2"	7'
2nd Elevating Conveyor	14' 11"	2' 1/8"	11'
Centrifuge	5' 8"	3' 2"	8' 3"
3rd Elevating Conveyor	7'	2' 8"	6' 6"
Level Conveyor	11' 2"	1' 10"	2' 7"
Magnetic Separator	6'	2' 1/2"	1' 2 1/2"
<b><u>Collection units</u></b>			
Drip Pans (150 gals)	5'	4'	1' 1"
Metal Hopper (1 yard)	5' 7"	3' 5 1/2"	3' 4"
Debris Hopper (1 yard)	5'	5'	3' 4"



**ACTIVITY TYPE:** TANK TREATMENT: Physical Shredding and Magnetic Separation Process

**ACTIVITY DESCRIPTION:**

This Unit treats paint debris, paint filters, and paint contaminated containers. Additionally, emptied aerosol paint cans generated from the aerosol can puncturing unit (Unit #4) are treated in this Unit.

The treatment process consists of a series of shredding and physical processes to separate the liquid, magnetic and non-magnetic solids fractions of the incoming wastes. The shredding device simply reduces the physical size to allow better separation of solid fractions. The shredding process also allows the release and collection of any entrained liquids in the incoming wastes. The magnetic separator is used to remove the majority of magnetic solids. The centrifuge is used to separate liquids from the solid debris.

**TREATMENT CAPACITY:** 1,111 pounds per hour

**SPECIAL CONDITIONS:**

1. The Permittee shall check all drip pans prior to processing in this Unit to ensure that adequate collection capacity is available.
2. All drip pans shall be emptied after processing, and at a minimum on a daily basis.
3. All paint aerosol cans shall be processed through Unit#4 prior to processing in this Unit.

**UNIT #3: DRUM CRUSHER/BAILER (T3)**

**TYPE OF UNIT:** TREATMENT

**WASTE CODE AND TYPE:**

U.S. EPA Hazardous Waste No.: NONE

California Waste Code: 181, 221, 222, 223, 232, 241, 291, 311, 331, 343, 352, 461, 511, 512, 513, 551, 571, 581, 591, 612, 613

**PERMITTED WASTE STREAMS:** 4, 6, 8, 10, 11, 14-16, 20 in Table 1.

**COMMON NAME OF WASTE:** Oily Debris [4], Spent Oil Aerosol Cans [6], Oil Contaminated Containers [8], Oil Contaminated Absorbents [10], Solid Grease [11], Paint Grease [14], Paint Filters [15], Paint Contaminated Containers [16], Spent Paint Aerosol Cans [20]

**HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE:** Toxicity

**LOCATION OF UNIT:** The Drum Crusher/Bailer unit is located in the north end of the Facility building, and identified as Unit #3 in the Facility Plot Plan (Attachment 1, Figure 2).

**PHYSICAL DESCRIPTION OF UNIT:**

Steel structured, hydraulically driven machine, 36” by 71” that can accept material up to 6’ in length. This Unit is used to crush and bale materials. This Unit has both crusher and baler capabilities.



**ACTIVITY TYPE:** TREATMENT: Drum crushing and baling

**ACTIVITY DESCRIPTION:**

This Unit is a hydraulic driven machine which is used to crush empty and cleaned metal containers for scrap value recycling or disposal off-site. It is also used to bale other solid materials, such as wood, plastic containers, rags, and cardboard. The metal containers and other solid debris are manually placed in the crusher. This Unit takes approximately 45 seconds per cycle for treating two containers. A single operator loads the container, activates the crusher, and unloads the crushed container in order to prevent the accidental activation of the Unit by a second operator.

**TREATMENT CAPACITY:** 4,050 pounds per hour

**SPECIAL CONDITIONS:**

1. The Permittee shall process all containers in Unit #7 prior to being crushed in this Unit, except for containers that will be disposed of as hazardous waste.

**UNIT #4: AEROSOL CAN PUNCTURING - PAINTS (T4)**

**TYPE OF UNIT:** TREATMENT

**WASTE CODE AND TYPE:**

U.S. EPA Hazardous Waste No.: D001 (exempted), D003 (exempted)  
California Waste Code: 181, 331, 513, 612

**PERMITTED WASTE STREAMS:** 19 and 20 in Table 1

**COMMON NAME OF WASTE:** Paint Aerosol Cans [19] and Spent Paint Aerosol Cans [20]

**HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE:** Reactivity,  
Toxicity

**LOCATION OF UNIT:**

This Unit is located near the center of the Facility building within the IWSA and is identified as Unit #4 in the Facility Plot Plan (Attachment 1, Figure 2).

**PHYSICAL DESCRIPTION OF UNIT:**

Aerosol can puncturing machine, manufactured by Aerosolv. The puncturing machine is attached to a 55-gallon drum. The Unit, Aerosolv® consists of one puncturing unit, one combination filter and an anti-static wire. Overall weight of unit is less than 10 pounds. This is a portable unit.



**ACTIVITY TYPE:** TREATMENT: Aerosol can puncturing

**ACTIVITY DESCRIPTION:**

This Unit consists of a portable device used to puncture aerosol cans containing paint waste received at the Facility. The Unit causes the contents of the aerosol cans to be released and the liquids are collected in a 55-gallon drum. The emptied cans are processed through the Shredder/Separator Unit #2 for scrap metal recovery. The Unit is operated in the IWSA within the Facility Building. The IWSA is marked with a 6" red painted border. Aerosol vapors are filtered by a coalescing cartridge and activated carbon to minimize emissions and capture the volatile organic compounds (VOCs) from the punctured cans.

The puncturing unit is attached to the 2-inch bung of the drum. The combination filter is attached to the 3/4-inch bung of the drum. A six foot anti-static wire is attached to ground in Unit #10. An aerosol can is placed upside down in the puncturing unit. The press of the unit is lowered manually, causing a nonsparking carbide-tipped pin to pierce the dome of the can. The contents of the aerosol can are released by the puncturing and collected at the bottom of the 55-gallon drum.

The purpose of the combination filter is to capture the propellant and entrained liquid in the propellant from the aerosol cans. The bottom portion of the filter coalesces the liquids and forms

them into droplets. These droplets are collected in the reservoir of the bottom portion of the filter. The liquid collected in the reservoir is drained into the drum by opening the drain valve on the bottom of the filter. The propellant travels through the bottom portion and is absorbed by the activated carbon cartridge portion of the filter.

**DESIGN CAPACITY:** 45 pounds per hour

**SPECIAL CONDITIONS:**

1. The Permittee shall only operate this Unit in the area designated as the IWSA within the main Facility Building.
2. The Permittee shall not operate this Unit unless all of the following occurs: 1) the puncturing unit is securely connected to the 2-inch bung hole, 2) the grounding wire is connected to a ground, 3) the coalescing device and carbon filter are securely connected to the 3/4-in bung hole, and 4) the Lower Explosive Limit (LEL)/hydrocarbon meter is on and operating properly.
3. The Permittee shall monitor for organic vapors at the immediate outlet of the activated carbon cartridge and shall immediately replace the activated carbon cartridge with a new activated carbon cartridge when carbon breakthrough occurs. A four-in-one gas meter shall be used during the processing. The alarm shall be factory set at 1% LEL (lower explosion limit).
4. This Unit shall not process more than 200 cans in an hour.

**UNIT #5: AEROSOL CAN PUNCTURING - OIL (T5)**

**TYPE OF UNIT:** TREATMENT

**WASTE CODE AND TYPE:**

U.S. EPA Hazardous Waste No.: D001 (exempted), D003 (exempted)  
California Waste Code: 181, 223, 331, 513, 612

**PERMITTED WASTE STREAMS:** 5 and 6 in Table 1

**COMMON NAME OF WASTE:** Oil Aerosol Cans [5] and Spent Oil Aerosol Cans [6]

**HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE:**

Reactivity, Toxicity

**LOCATION OF UNIT:**

The Aerosol Can Puncturing (Oil) Unit is located in the Facility Building (near center), and identified as Unit #5 in Facility Plot Plan (Attachment 1, Figure 2).

### **PHYSICAL DESCRIPTION OF UNIT:**

Aerosol can puncturing machine, manufactured by American Gas Products, that attaches to a 55-gallon drum. The Unit is J-7 CAN-EMITOR and consists of one puncturing unit, one two-part filter, and a hose kit/drum adaptor.



**ACTIVITY TYPE:** TREATMENT: Aerosol Can Puncturing

### **ACTIVITY DESCRIPTION:**

This Unit is first attached to a work bench. The aerosol cans are placed upright in the Unit. The upper chamber is lowered and an automatic locking device secures the upper chamber to the lower chamber. The operator pulls down on a handle which causes a piercing rod to puncture the aerosol can. The handle is returned to the upright position to extract the tool from the aerosol can. The locking device is released by the operator and the aerosol can is removed.

The Unit has two chambers- upper cover and lower cover - with an outlet pipe at the bottom. An automatic locking device maintains the two chambers connection integrity when the aerosol can is punctured. Additionally an o-ring seal between the two chambers prevents leakage of liquids and propellants. The outlet pipe of the Unit is attached to the 2-inch bung on a 55-gallon steel closed drum by the hose kit /drum adaptor. The dual purpose filter is attached to the 3/4-inch bung of the drum. A six foot anti-static wire is attached to ground. The dual purpose filter is used to capture the propellant and entrained liquid in the propellant from the aerosol cans. The bottom portion of the filter coalesces the liquids and forms them into droplet. These droplets are collected in the reservoir of the bottom portion of the filter. The collected liquid in the reservoir

is drained into the drum by opening the drain valve on the bottom of the filter. The propellant travels through the bottom portion and is absorbed by the activated carbon cartridge portion of the filter.

**DESIGN CAPACITY:** 45 pounds per hour

**SPECIAL CONDITIONS:**

1. The Aerosol Can Puncturing – Oils unit (T5) shall only be operated in the area designated as the IWSA within the Facility's Building.
2. The Permittee shall not operate this Unit unless all of the following occurs: 1) puncturing Unit is securely connected to the 2 inch bung hole, 2) the grounding wire is connected to a ground, 3) the coalescing device and carbon filter is connected to the 3/4-inch bung hole, and 4) the Lower Explosive Limit (LEL)/hydrocarbon meter is on and operating properly.
3. The Permittee shall monitor for organic vapors at the immediate outlet of the activated carbon cartridge in this Unit and shall immediately replace the activated carbon cartridge with a new activated carbon cartridge when carbon breakthrough occurs. The alarm shall be factory set at 1% LEL (lower explosion limit).
4. This Unit shall not process more than 200 cans in an hour.

**UNIT #6: OILY-WATER STORAGE TANK (T6)**

Oily water storage tank is now identified and included as a container in Unit #8.

**UNIT #7: CONTAINER DECONTAMINATION (T7)**

**TYPE OF UNIT:** TREATMENT

**WASTE CODE AND TYPE:**

U.S. EPA Hazardous Waste No.: NONE  
California Waste Code: 162, 181, 221, 222, 223, 232, 241, 291, 343, 352, 511, 512, 513, 551, 571, 581, 591, 612, 613

**PERMITTED WASTE STREAMS:** 4, 8, 14, 16, 25, and 36 in Table 1

**COMMON NAME OF WASTE:** Oily Debris [4], Oil Contaminated Containers [8], Paint Debris [14], Paint Contaminated Containers [16], Oil Contaminated Asphalt Debris [25], Other Spent Catalyst [36]

**HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE:** Toxicity

**LOCATION OF UNIT:** The Container Decontamination unit is located in the North West Area of the Facility Building, and identified as Waste Process Unit 7 in the Facility Plot Plan (Attachment 1, Figure 2).



**PHYSICAL DESCRIPTION OF UNIT:**

The Unit has a length of 48 inches, a width of 29 inches and a height of 46 inches.

**ACTIVITY TYPE:** TREATMENT: Container Decontamination

**ACTIVITY DESCRIPTION:**

This Unit is operated manually by an operator using a high pressure washer. The Hot Water Pressure Washer (Manufacturer: All American, Model: EH-4030GDO) discharges at a maximum pressure of 3000 psi and a maximum temperature of 210°F. The pressure washer has 50 feet of high pressure wire-braid hose connected to a manually triggered gun. The pressure control is adjusted by turning the handle on the gun. The Unit is powered by an 11-horsepower gas engine.

The decontamination occurs as a batch process. A batch of containers is placed within the bermed Unit #10 and decontaminated. All rinsate wastewater [42] is captured in the bermed sump area or in the decontaminated container and transferred into a 55-gallon drum or the larger storage containers for subsequent off-site management. The batch of containers is replaced by a new batch of containers to be decontaminated.

**TREATMENT CAPACITY:** 2,250 pounds per hour

**SPECIAL CONDITIONS:**

1. The Permittee shall connect the Hot Water Pressure Washer used in this Unit with an industrial hose to the water supply line located on the north wall of the Facility Building.
2. The Permittee shall immediately collect and manage all rinsate in the bermed area from this Unit after each use, and at a minimum on a daily basis. All rinsate shall be managed as hazardous waste unless on-site testing demonstrates that the waste is non-hazardous.
3. This Unit shall not process more than 50 containers in an hour.

**UNIT #8: WASTE STORAGE (INTERIOR) (S1)**

**TYPE OF UNIT: SECONDARY CONTAINMENT AND STORAGE**

**WASTE CODE AND TYPE:**

U.S. EPA Hazardous Waste No.: D001 (exempted), D003 (exempted)

California Waste Code: 123, 133, 134, 135, 141, 151, 162, 171, 172, 181, 211, 213, 214, 221, 222, 223, 231, 232, 241, 252, 261, 271, 272, 281, 291, 311, 321, 322, 331, 342, 343, 352, 411, 421, 431, 441, 451, 461, 471, 491, 511, 512, 513, 521, 531, 541, 551, 561, 571, 581, 591, 611, 612, 613, 614

**PERMITTED WASTE STREAMS: 1-53 in Table 1**

**COMMON NAME OF WASTE:**

Used Oil [1], Waste Oil [2], Oily Water [3], Oil Debris [4], Oil Aerosol Cans [5], Spent Oil Aerosol Cans [6], Used Oil Filters [7], Oil Contaminated Containers [8], Hydrocarbon Contaminated Soil (non-RCRA) [9], Oil Contaminated Absorbents [10], Solid Grease [11], Liquid Grease [12], Solidified Petroleum Tank Residuals (non-RCRA) [13], Paint Debris [14], Paint Filters [15], Paint Contaminated Containers [16], Paints (latex based) [17], Paints (oil based) [18], Paint Aerosol Cans [19], Spent Paint Aerosol Cans [20], Resin [21], Glues [22], Soaps (liquid) [23], Soaps (solids) [24], Oil Contaminated Asphalt Debris (non-RCRA) [25], Sand and Bead Blasting Residue [26], Machining Grinding Residue [27], Metal Polishing Debris [28], Metal Polishing Compounds [29], Clarifier Sludge [30], Clarifier Filter Cake [31], Anti-freeze [32], Ink (liquid) [33], Ink (solid) [34], Asbestos [35], Other Spent Catalyst [36], Water/Gasoline [37], Pharmaceutical Waste [38], Treated Wood Waste [39], Off Specification Waste Oil [40], Specification Waste Oil [41], Waste Water [42], Oil Water [43], Scrap Metal [44], Paint Sludge [45], Oil Contaminated Debris [46], Paint Contaminated Debris [47], Carbon Filters [48], Aerosol Oil Residue [49], Aerosol Paint Residue [50], Lab Pack [51], Water/Gasoline [52], Recovered Gasoline [53]

**HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE:**

Toxicity, Ignitability, Reactivity

**LOCATION OF UNIT:** This Unit is located in the Facility Building, and identified as Unit 8 in the Facility Plot Plan (Attachment 1, Figure 2).



**PHYSICAL DESCRIPTION OF UNIT:**

This Unit consists of a poured concrete slab with two coats of sealant. The Unit's secondary containment consists of a concrete berm 4 inches high and 6 inches wide to separate the Unit from the offices located in the Facility Building. An overberm with a height of 4 inches and a width of 8 inches over a 4-foot rise is located on the southwest entrance of the Facility Building. The rest of the Unit is bounded by the walls of the Facility Building. Part of the IWSA (where aerosol can puncturing will occur and ignitable/reactive wastes are stored) is located in this Unit. The IWSA shall be delineated with a 6" red painted border.

The following containers are stored in this Unit:

Drum Containers\* - 31,680 gallons  
Shredder Catch Pans - 750 gallons

ROC #1 (blue) – 6,000 gallons (Diameter 8 ft × Length 16 ft)  
ROC #2 (blue) – 4,200 gallons (Height 4.3 ft × Width 7.9 ft × Length 16 ft)  
ROC #3 (black) – 4,200 gallons (Height 4.3 ft × Width 7.9 ft × Length 16 ft)

There are designated locations where these roll-off containers (ROC) must be located. ROC #1 shall be located near the north end of the Facility. ROC #2 shall be located near the west side of the building, south of the container decontamination area. ROC #3 shall be located east of decontamination area. See Attachment 1, Figure 2.

\* Limitation based on secondary containment certification calculation. Other containers can be substituted for the 55 gallons drums.

**ACTIVITY TYPE: SECONDARY CONTAINMENT AND CONTAINER STORAGE**

**ACTIVITY DESCRIPTION:**

This Unit consists of a storage area with secondary containment. This Unit includes the hazardous waste storage area, located within the Facility Building, and the IWSA. The main hazardous waste storage area is marked for storing separate waste streams and is used to stage wastes into the treatment processes and/or into consolidation containers. Wastes in containers can be stored or the contents can be transferred into other containers, including the ROCs, or consolidated into tanker trucks for offsite shipment. Tank trailer to tank trailer transfer activities may occur in this area unless the waste stream is ignitable. The collected wastes are bulked, stored and shipped to an offsite hazardous waste facility.

**STORAGE CAPACITY:** 46,830 gallons

**Dimension:** 9,445 ft<sup>2</sup>

**SPECIAL CONDITIONS:**

1. The Permittee shall not store more than 31,680 gallons (excluding the 6,000-gallon container, the two 4,200-gallon containers, and catch pans) within this Unit.
2. Any partially-filled container shall be considered a full container for purposes of calculating the total volume for this Unit.
3. The maximum capacity of any tank truck and/or tank trailer in this Unit shall be no more than 8,000 gallons and there shall be no more than two tank trucks and/or tank trailers in this Unit at any one time.
4. The Permittee shall not place ignitable waste into the ROCs.
5. The Permittee shall not transfer ignitable waste from small containers, i.e., buckets, drums, or totes, into tankers or tank trailers in this Unit.
6. The Permittee shall not store hazardous waste streams other than Used Oil [1], Oily Water [3], Antifreeze [32], Off Specification Waste Oil [40], Specification Waste Oil [41], Waste Water [42] and Oily Water [43] in ROCs.
7. Deleted.
8. The Permittee may use a forklift to move drums of ignitable waste from Unit #9 or Unit #11 to this Unit and vice versa.
9. The following conditions are applicable to waste stream 37 (water/gasoline):
  - a. The Permittee shall only accept waste stream 37 (water/gasoline) if it is from a CESQG or is HHW and it is clearly identified as such on the approved profile sheet;
  - b. The Permittee shall not receive waste stream 37 (water/gasoline) from any generator based upon any claims that it is excluded as a commercial chemical product;
  - c. The Permittee shall receive and sample waste stream 37 (water/gasoline) in accordance with its approved Waste Analysis Plan and the following conditions:
    - i. A separate waste profile shall be completed for each generator (profiles for “various or numerous stations” are not acceptable) and must be signed

- by the actual generator's representative, and not an employee and/or representative of the Permittee, or any of its affiliated businesses. This actual generator signatory requirement extends to annual waste profile updates as well;
- ii. The waste profiles shall be approved only if the proper shipping name and flash point data (as determined by used the Pensky-Martens Closed-Cup Tester, EPA Test Method 1010A or other test method approved by DTSC) is identified and consistent with that shipping name;
  - iii. The actual flash point (up to 200 °F), percentage of water, solids and organics shall be determined and documented in the Facility Operating Records for each container of water contaminated with gasoline that is received; and
  - iv. The Permittee shall note any and all manifest discrepancies in all applicable Facility Operating Records, including but not limited to load acceptance sheets, lab sheets, manifests, and load rejection notices as required by this Permit, the regulations and/or the Stipulation for Settlement and Entry of Judgment (Case No. SCVSS 74779);
- d. The Permittee shall not consolidate or mix waste stream 37 (water/gasoline) with any other waste streams from any large quantity generators.
10. Ignitable waste streams stored in this Unit shall be limited to paints, aerosols, water/gasoline and recovered gasoline (waste streams 19, 20, 37, 52 and 53).
11. Reactive waste streams stored in this Unit shall be limited to aerosols only (wastestreams 5, 6, 19, and 20).

**UNIT #9: WASTE STORAGE (EXTERIOR) (S2)**

**TYPE OF UNIT: SECONDARY CONTAINMENT AND STORAGE**

**WASTE CODE AND TYPE:**

U.S. EPA Hazardous Waste No.: D001 (exempted), D003 (exempted)

California Waste Code: 123, 133, 134, 135, 141, 151, 162, 171, 172, 181, 211, 213, 214, 221, 222, 223, 231, 232, 241, 252, 261, 271, 272, 281, 291, 311, 321, 322, 331, 342, 343, 352, 411, 421, 431, 441, 451, 461, 471, 491, 511, 512, 513, 521, 531, 541, 551, 561, 571, 581, 591, 611, 612, 613, 614

**PERMITTED WASTE STREAMS:** 1-53 in Table 1

**COMMON NAME OF WASTE:**

Used Oil [1], Waste Oil [2], Oily Water [3], Oil Debris [4], Oil Aerosol Cans [5], Spent Oil Aerosol Cans [6], Used Oil Filters [7], Oil Contaminated Containers [8], Hydrocarbon Contaminated Soil (non-RCRA) [9], Oil Contaminated Absorbents [10], Solid Grease [11], Liquid Grease [12], Solidified Petroleum Tank Residuals (non-RCRA) [13], Paint Debris [14],

Paint Filters [15], Paint Contaminated Containers [16], Paints (latex based) [17], Paints (oil based) [18], Paint Aerosol Cans [19], Spent Paint Aerosol Cans [20], Resin [21], Glues [22], Soaps (liquid) [23], Soaps (solids) [24], Oil Contaminated Asphalt Debris (non-RCRA) [25], Sand and Bead Blasting Residue [26], Machining Grinding Residue [27], Metal Polishing Debris [28], Metal Polishing Compounds [29], Clarifier Sludge [30], Clarifier Filter Cake [31], Anti-freeze [32], Ink (liquid) [33], Ink (solid) [34], Asbestos [35], Other Spent Catalyst [36], Water/Gasoline [37], Pharmaceutical Waste [38], Treated Wood Waste [39], Off Specification Waste Oil [40], Specification Waste Oil [41], Waste Water [42], Oil Water [43], Scrap Metal [44], Paint Sludge [45], Oil Contaminated Debris [46], Paint Contaminated Debris [47], Carbon Filters [48], Aerosol Oil Residue [49], Aerosol Paint Residue [50], Lab Pack [51], Water/Gasoline [52], Recovered Gasoline [53]

**HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE:** Toxicity, Ignitability, Reactivity

**LOCATION OF UNIT:**

This Unit is located south of the Facility Building, and identified as Unit #9 in the Facility Plot Plan (Attachment 1, Figure 2).



**PHYSICAL DESCRIPTION OF UNIT:**

This Unit is an asphalt area. The secondary containment is established by four separate barriers. The west end is bounded by a concrete retaining wall. The south end of the Unit is bounded by a 6-inch curb. The east end of the Unit is bounded by an eleven-inch over berm. The north end of the Unit is bounded by a 6-inch curb for the first 75 feet from the east. The rest of the north end is bounded by the Facility Building wall and an over berm at the entrance of the Facility Building. This Unit is located south of the Facility Building and consists of one area for container storage and another area for roll-off bins.

The IWSA shall be delineated with 6” red painted border.

The following containers are stored in this Unit:

Drum Containers – 21,360 gallons

Roll-off Container (ROC) ROC #4 4,200-gallons

Roll-off Bins (ROB) [3 – 40 cubic yards] (ROB #1, ROB #2, and ROB #3) – no more than 120 cubic yards

55-gallons	392(max)*	21,560 gal	Steel, Polyethylene, Fiber
30-gallons			Steel, Polyethylene, Fiber
5 - gallons			Steel, Polyethylene, Fiber
20 -gallons			Fiber
110-gallons			Steel
85-gallons			Steel
95-gallons			Polyethylene
250-gallons			Galvanized Steel w/ Polyethylene Inner
1 Cubic yard			Cardboard
1 Cubic yard			Polyethylene Lined and Fabric

Total Volume in Containers: 25,560 gallons

\* Limitation based on secondary containment certification calculation. Other containers can be substituted for the 55 gallons drums.

**ACTIVITY TYPE: SECONDARY CONTAINMENT AND CONTAINER STORAGE**

**ACTIVITY DESCRIPTION:**

In this Unit, FRS inspects and verifies incoming wastes. This Unit is also used as a standby waste staging area. Three solid debris roll-off bins are located in this Unit and each bin is used to consolidate a specific type of waste, such as metal scrap, contaminated soil, solid paint related debris, oil related debris, and miscellaneous solid waste. Solid hazardous wastes in containers that are received at FRS are placed in the receiving/shipping area for inspection and sorting. The waste in containers may then be loaded into the consolidation bins using a bucket type loader (see Special Condition 13). Other solid hazardous waste containers may be consolidated by dumping/pouring directly into the consolidation bins using a forklift. This Unit includes a 4,200 gallon liquid roll-off container for liquid waste storage and consolidation. Transfer into this container can take place by pouring, pumping, or tank truck offloading. The liquid wastes pass through a filter and, after gravity separation, the waste streams are vacuumed into a tanker truck for management at off-site facilities. Wastes in containers can be stored or the contents can be transferred into other containers or consolidated into tanker trucks for offsite shipment. Tanker truck and container washout activities take place in this area, with all washout material contained and collected for management at off-site facilities. Tank trailer to tank trailer transfer activities

may occur in this area. The exterior area is entirely roofed and bermed for secondary containment.

**STORAGE CAPACITY:** 49,560 gallons

**DIMENSION:** 6,090 ft<sup>2</sup>

**SPECIAL CONDITIONS:**

1. The Permittee shall not store more than 180 cubic yards of non-liquid wastes (hazardous and nonhazardous) at any one time in this Unit.
2. The Permittee shall not place a roll-off container larger than 4,200 gallons in this Unit.
3. The Permittee shall not store more than 21,560 gallons of liquid waste in this Unit.
4. Truck-to-truck bulk liquid transfer activities may take place between multiple vehicles in Unit #9 or between vehicles located in Unit #9 and Unit #11.
5. Truck-to-truck bulk liquid transfer activities shall only occur for hazardous wastes that FRS is authorized to receive and has received at its Facility.
6. Any partially-filled container shall be considered a full container when calculating the total volume for this Unit, including tank trucks or tank trailers.
7. Within 24 hours of the end of a storm, the Permittee shall collect and drum all rainwater accumulated in this Unit and shall manage all such rainwater as hazardous waste unless testing demonstrates that it is nonhazardous. All results from the testing of this waste stream shall be maintained as part of it's the Facility Operating Record.
8. The maximum capacity for any tank truck or tank trailer shall be no more than 8,000 gallons and there shall be no more than three tank trucks or tank trailers in this Unit at any one time. Tanker truck and container washout activities may take place in this Unit. The Permittee shall collect and containerize all washout material for management at off-site facilities in a timely manner after conducting such activities. All results from the testing of this waste stream shall be maintained as part of the Facility Operating Record.
9. Vacuum trucks may be used for consolidation of liquid wastes from containers for management at off-site facilities.
10. The Permittee shall not store within this Unit more than 180 cubic yards of solid waste (non-hazardous and hazardous).
11. Bulking of liquid wastes shall be conducted in the same order as the wastes are received at the Facility.
12. Solid hazardous wastes shall not be unloaded or placed on directly on the ground. All solid hazardous waste transfer shall occur directly from one container into another container. No solid waste transfer shall occur if visible emissions or clouds of dust are created, or likely to be created, during transfer of the waste.
13. All tank trailers, tankers and/or tank trucks with inbound loads shall be stored in this Unit or Unit #11 immediately upon arrival at the Facility.
14. All tank trailers, tankers and/or tank trucks with outbound or consolidated loads shall be stored in this Unit or Unit #11 prior to being shipped from the Facility.

15. The Permittee shall not receive or make arrangements to receive or accept any bulk liquid or bulk solid loads if there is insufficient capacity to store all bulk solid and liquid containers with the inbound and outbound wastes in this designated storage area or Unit #11. All bulk solid and bulk liquid containers with inbound and/or outbound hazardous waste must be stored in this designated storage area or Unit #11, provided that the total volume of all containers in this Unit does not exceed 49,560 gallons.
16. The following conditions are applicable to waste stream 37 (water/gasoline):
  - a. The Permittee shall only accept waste stream 37 (water/gasoline) if it is from a CESQG or is HHW and it is clearly identified as such on the approved profile sheet;
  - b. The Permittee shall not receive waste stream 37 (water/gasoline) from any generator based upon any claims that it is excluded as a commercial chemical product;
  - c. The Permittee shall receive and sample waste stream 37 (water/gasoline) in accordance with its approved Waste Analysis Plan and the following conditions:
    - i. A separate waste profile shall be completed for each generator (profiles for “various or numerous stations” are not acceptable) and must be signed by the actual generator’s representative, and not an employee and/or representative of the Permittee, or any of its affiliated businesses. This actual generator signatory requirement extends to annual waste profile updates as well;
    - ii. The waste profiles shall be approved only if the proper shipping name and flash point data (as determined by used the Pensky-Martens Closed-Cup Tester, EPA Test Method 1010A or other test method approved by DTSC) is identified and consistent with that shipping name;
    - iii. The actual flash point (up to 200 °F), percentage of water, solids and organics shall be determined and documented in the Facility Operating Records for each container of water contaminated with gasoline that is received; and
    - iv. The Permittee shall note any and all manifest discrepancies in all applicable Facility Operating Records, including but not limited to load acceptance sheets, lab sheets, manifests, and load rejection notices as required by this Permit, the regulations and/or the Stipulation for Settlement and Entry of Judgment (Case No. SCVSS 74779);
  - d. The Permittee shall not consolidate or mix waste stream 37 (water/gasoline) with any other waste streams from any large quantity generators.
17. Upon receipt, the Permittee shall move any containers or transport vehicles containing ignitable wastes into the IWSA within Unit #9 or Unit #11 in preparation for unloading.
18. During loading and unloading operations, the Permittee shall ensure that all containers and transport vehicles containing ignitable wastes remain entirely within the IWSA in Unit #9 or Unit #11.
19. The Permittee shall properly ground all containers and transport vehicles prior to any transfer, loading, or unloading operations involving ignitable or potentially ignitable liquids.

20. Ignitable waste streams stored in this Unit shall be limited to paints, aerosols, water/gasoline, and recovered gasoline (waste streams 19, 20, 37, 52 and 53).
21. Reactive waste streams stored in this Unit shall be limited to aerosols (wastestreams 5, 6, 19, and 20).

**UNIT #10: WASTE STORAGE (INTERIOR AREA 10) (S3)**

**TYPE OF UNIT: SECONDARY CONTAINMENT AND STORAGE**

**WASTE CODE AND TYPE:**

U.S. EPA Hazardous Waste No.: NONE

California Waste Code: 123, 133, 134, 135, 141, 151, 162, 181, 211, 213, 214, 221, 222, 223, 231, 232, 241, 252, 261, 271, 272, 281, 291, 311, 331, 342, 343, 352, 451, 461, 471, 491, 512, 513, 531, 541, 551, 561, 571, 612, 614

**PERMITTED WASTE STREAMS:** 1-36, and 38-47 in Table 1

**COMMON NAME OF WASTE:**

Used Oil [1], Waste Oil [2], Oily Water [3], Oily Debris [4], Oil Aerosol Cans [5], Spent Oil Aerosol Cans [6], Used Oil Filters [7], Oil Contaminated Containers [8], Hydrocarbon Contaminated Soil (Non RCRA) [9], Oil Contaminated Absorbents [10], Solid Grease [11], Liquid Grease [12], Solidified Petroleum Tank Residuals (non RCRA) [13], Paint Debris [14], Paint Filters [15], Paint Contaminated Containers [16], Paints (latex based) [17], Paints (oil based) [18], Paint Aerosol Cans [19], Spent Paint Aerosol Cans [20], Resin [21], Glues [22], Soaps (liquid) [23], Soaps (solid) [24], Oil Contaminated Asphalt Debris (non RCRA) [25], Sand and Bead Blasting Residue (non RCRA) [26], Machining Grinding Residue (non RCRA) [27], Metal Polishing Debris [28], Metal Polishing Compound [29], Clarifier Sludge (non RCRA) [30], Clarifier Filter Cake (Non RCRA)[31], Anti-freeze [32], Ink (liquid) [33], Ink (solid) [34], Asbestos [35], Other Spent Catalyst [36], Pharmaceutical Waste [38], Treated Wood Waste [39], Off Specification Waste Oil [40], Specification Waste Oil [41], Waste Water [42], Oily Water [43], Scrap Metal [44], Oil Contaminated Debris [46], Paint Contaminated Debris [47].

**HAZARDOUS CONSTITUENT OR CHARACTERISTIC OF WASTE:** Toxicity

**LOCATION OF UNIT:** This Unit is located in the northwest corner of the Facility Building, and identified as Unit #10 in the Facility Plot Plan (Attachment 1, Figure 2).

**PHYSICAL DESCRIPTION OF UNIT:**



This Unit consists of a poured concrete slab with two coats of sealant and consists of a total area of 514 square feet. The Unit is shaped as a square with 22.67-foot sides. The secondary containment is bounded by a 6-inch berm on two of the sides. The Facility Building's walls bound the secondary containment on the other two sides.

The following containers are stored in this Unit:

55-gallons	96(max)*	5,280 gal	Steel, Polyethylene, Fiber
30-gallons			Steel, Polyethylene, Fiber
5-gallons			Steel, Polyethylene, Fiber
20-gallons			Fiber
110-gallons			Steel
85-gallons			Steel
95-gallons			Polyethylene
250-gallons			Galvanized Steel w/ Polyethylene Inner
1 Cubic yard			Cardboard
1 Cubic yard			Polyethylene Lined and Fabric

Total Volume in Containers: 5,280 gallons

\* Limitation based on secondary containment certification calculation. Other containers can be substituted for the 55 gallons drums.

**ACTIVITY TYPE: SECONDARY CONTAINMENT AND CONTAINER STORAGE**

**ACTIVITY DESCRIPTION:**

This Unit is used for additional storage of waste in containers.

**STORAGE CAPACITY:** 5,280 gallons

**SPECIAL CONDITIONS:**

1. Any partially filled container shall be considered a full container for the total volume calculations for this Unit.
2. The Permittee shall not store ignitable waste in this Unit.
3. The Permittee shall not use this Unit for storage when drum washing is occurring.

**UNIT #11 – WASTE STORAGE EXTERIOR UNIT – SOUTH AREA (S4)**

**TYPE OF UNIT: SECONDARY CONTAINMENT STORAGE AND TRUCK-TO-TRUCK TRANSFER AND BULK LIQUID CONTAINER STORAGE**

**WASTE CODE AND TYPE:**

U.S. EPA Hazardous Waste No.: D001 (exempted), D003 (exempted)

California Waste Code: 123, 133, 134, 135, 141, 151, 162, 171, 172, 181, 211, 213, 214, 221, 222, 223, 231, 232, 241, 252, 261, 271, 272, 281, 291, 311, 321, 322, 331, 342, 343, 352, 411, 421, 431, 441, 451, 461, 471, 491, 511, 512, 513, 521, 531, 541, 551, 561, 571, 581, 591, 611, 612, 613, 614

**PERMITTED WASTE STREAMS:** 1-53 in Table 1

**COMMON NAME OF WASTE:**

Used Oil [1], Waste Oil [2], Oily Water [3], Oily Debris [4], Oil Aerosol Cans [5], Spent Oil Aerosol Cans [6], Used Oil Filters [7], Oil Contaminated Containers [8], Hydrocarbon Contaminated Soil (Non RCRA) [9], Oil Contaminated Absorbents [10], Solid Grease [11], Liquid Grease [12], Solidified Petroleum Tank Residuals (non RCRA) [13], Paint Debris [14], Paint Filters [15], Paint Contaminated Containers [16], Paints (latex based) [17], Paints (oil based) [18], Spent Paint Aerosol Cans [20], Resin [21], Glues [22], Soaps (liquid) [23], Soaps (solid) [24], Oil Contaminated Asphalt Debris (non RCRA) [25], Sand and Bead Blasting Residue (non RCRA) [26], Machining Grinding Residue (non RCRA) [27], Metal Polishing Debris (non RCRA) [28], Metal Polishing Compounds [29], Clarifier Sludge (non RCRA) [30], Clarifier Filter Cake (Non RCRA) [31], Anti-freeze [32], Inks (liquid) [33], Ink (solid) [34], Asbestos [35], Catalyst [36], Water/Gasoline [37], Pharmaceutical Waste [38], Treated Wood Waste [39], Off Specification Waste Oil [40], Specification Waste Oil [41], Waste Water [42], Oily Water [43], Scrap Metal [44], Paint Sludge [45], Oil Contaminated Debris [46], Paint Contaminated Debris [47], Carbon Filters [48], Aerosol Oil Residue [49], Aerosol Paint Residue [50], Lab Pack [51], Water/Gasoline [52], Recovered Gasoline [53].

**LOCATION OF UNIT:**

This Unit is located south of Unit 9, outside the Facility Building, and identified as Unit #11 in the Facility Plot Plan (Attachment 1, Figure 2).

**PHYSICAL DESCRIPTION OF UNIT:**

This Unit is designated for receiving incoming containers from transport vehicles, truck-to-truck bulk liquid transfer, and solid waste roll-off bin, and end-dump storage. The IWSA shall be delineated with a 6" red painted border.

The following containers are stored in this Unit:

- Drum Containers - 30,000 gallons
- Tanker/Trucks [4] - 32,000 gallons
- Roll-off Bin - ROB #4 - 40 cubic yards
- End-Dump Trailer - 20 cubic yards

**DIMENSION:** 57' × 85'



**ACTIVITY TYPE:** S01 - Container Storage

**ACTIVITY DESCRIPTION:**

This Unit is used for loading and off-loading of wastes to be received at and shipped from the Facility. This will take place by transport vehicles being parked in this area and backed up to the receiving/shipping area. Containers will be loaded and off-loaded using forklifts and drum-grabbers, pallets or by hand truck and lift gates. Solid debris bins and end-dump trailers will be stored and loaded using forklifts and by bucket type loaders. Tank trucks or tank trailers can be connected for truck-to-truck transfer of bulk liquids.

**STORAGE CAPACITY:** 64,000 gallons

**SPECIAL CONDITIONS:**

1. Any partially-filled container shall be considered a full container for the total volume calculations for this Unit, including any containers which are "in-transit" and being held in a trailer or truck destined for another facility.
2. Truck-to-truck bulk liquid transfer activities may take place between vehicles in this Unit or between vehicles located in Unit #9 (S2) and this Unit.
3. Within 24 hours of the end of a storm, the Permittee shall collect and drum all rainwater accumulated in this Unit and shall manage all rainwater as hazardous wastes unless testing demonstrates that it is non-hazardous. All results from the testing of this waste stream shall be maintained as part of the Facility Operating Record.
4. The Permittee shall not store within this Unit more than 160 cubic yards of solid waste (non-hazardous and hazardous).
5. The maximum capacity of each tank truck or tank trailer shall be no more than 8,000 gallons and there shall be no more than four tank trucks or tank trailers in this Unit at any one time.
6. The Permittee shall not store within this Unit more than 32,000 gallons of liquid waste in tank trucks or tank trailers.
7. Tanker truck washout activities may take place in this Unit. The Permittee shall contain and collect all washout material for management at off-site facilities in a timely manner after conducting such activities. All results from the testing of this waste stream shall be maintained as part of the Facility Operating Record.
8. Tank vacuum vehicles can be used for consolidation of waste from containers for management at off-site facilities.
9. The Permittee shall provide a roof over this Unit within six months of the effective date of this permit modification in accordance with all applicable legal requirements and local building codes.
10. The Permittee shall not store liquid waste in this Unit until the secondary containment system has been constructed and written approval is received from DTSC.
11. Solid hazardous wastes shall not be unloaded or placed on directly on the ground. All solid hazardous waste transfer shall occur directly from one container into another container. No solid waste transfer shall occur if visible emissions or clouds of dust are created, or likely to be created, upon transfer of the waste.
12. All tank trailers, tankers and/or tank trucks with inbound loads shall be stored in this area or Unit #9 immediately upon arrival at the Facility.

13. All tank trailers, tankers and/or tank trucks with outbound or consolidated loads shall be stored in this Unit prior to being shipped from the Facility.
14. The Permittee shall not receive or make arrangements to receive or accept any bulk liquid or bulk solid loads if there is insufficient capacity to store all bulk solid and liquid containers with inbound and outbound wastes in this designated storage area or Unit #9.
15. The following conditions are applicable to waste stream 37 (water/gasoline):
  - a. The Permittee shall only accept waste stream 37 (water/gasoline) if it is from a CESQG or is HHW and it is clearly identified as such on the approved profile sheet;
  - b. The Permittee shall not receive waste stream 37 (water/gasoline) from any generator based upon any claims that it is excluded as a commercial chemical product;
  - c. The Permittee shall receive and sample waste stream 37 (water/gasoline) in accordance with its approved Waste Analysis Plan and the following conditions:
    - i. A separate waste profile shall be completed for each generator (profiles for “various or numerous stations” are not acceptable) and must be signed by the actual generator’s representative, and not an employee and/or representative of the Permittee, or any of its affiliated businesses. This actual generator signatory requirement extends to annual waste profile updates as well;
    - ii. The waste profiles shall be approved only if the proper shipping name and flash point data (as determined by used the Pensky-Martens Closed-Cup Tester, EPA Test Method 1010A or other test method approved by DTSC) is identified and consistent with that shipping name;
    - iii. The actual flash point (up to 200 °F), percentage of water, solids and organics shall be determined and documented in the Facility Operating Records for each container of water contaminated with gasoline that is received; and
    - iv. The Permittee shall note any and all manifest discrepancies in all applicable Facility Operating Records, including but not limited to load acceptance sheets, lab sheets, manifests, and load rejection notices as required by this Permit, the regulations and/or the Stipulation for Settlement and Entry of Judgment (Case No. SCVSS 74779).
  - d. The Permittee shall not consolidate or mix waste stream 37 (water/gasoline) with any other waste streams from any large quantity generators.
16. Upon receipt, the Permittee shall move any containers or transport vehicles containing ignitable wastes into the IWSA within Unit #9 or Unit #11 in preparation for unloading.
17. During loading and unloading operations, the Permittee shall ensure that all containers and transport vehicles containing ignitable wastes remain entirely within the IWSA within Unit #9 or Unit #11.
18. The Permittee shall properly ground all containers and transport vehicles prior to any transfer, loading, or unloading operations involving flammable or potentially flammable liquids.

19. Within thirty (30) days of the effective date of this Standardized Permit, the Permittee shall provide secondary containment for this Unit in accordance with section 66264.175 of Title 22, of the California Code of Regulations.
20. Ignitable waste streams stored in this Unit shall be limited to paints, aerosols, water/gasoline, and recovered gasoline (waste streams 19, 20, 37, 52 and 53).
21. Reactive waste streams stored in this Unit shall be limited to aerosols (wastestreams 5, 6, 19, and 20).

## **PART IV - CORRECTIVE ACTION**

### 1. AUTHORITY

Section 25200.10 of the H&SC requires that any permit issued by DTSC must require corrective action for all releases of hazardous waste or constituents from any Solid Waste Management Unit (SWMU) or hazardous waste management unit at the Facility, regardless of when the release occurred.

Failure to comply with any term or condition set forth in Part IV of this Standardized Permit in the time or manner specified herein will subject the Permittee to possible enforcement action and penalties pursuant to H&SC section 25187.

In addition, failure to submit the information required in Part IV of the Standardized Permit, or falsification and/or misrepresentation of any submitted information, is grounds for termination of this Standardized Permit (H&SC section 25186, 22, Cal. Code Regs. section 66270.43).

### 2. STATEMENT OF PURPOSE

The corrective action objectives contained in Part IV of this Standardized Permit are provided to ensure that all threats to human health and/or the environment, resulting from the release or potential release of hazardous waste or hazardous constituents at the Permittee's Facility, are addressed in an expedient manner.

### 3. LIST OF SOLID WASTE MANAGEMENT UNITS WITH POTENTIAL CORRECTIVE ACTION

#### (a) Active Solid Waste Management Units (SWMUs)

(1) Shredder/Separator-Oil Waste (T1) [Unit #1]: Located in northwest portion of the Facility Building. The unit is identified as Waste Process Unit 1 in Attachment 1 and its location is shown in Attachment 1.

(2) Shredder/Separator-Paint Waste (T2) [Unit #2]: Located near the center of the Facility building. The unit is identified as Waste Process Unit 2 in Attachment 1 and its location is shown in Attachment 1.

(3) Drum Crusher/Bailer (T3) [Unit #3]: Located on the north wall of the Facility building. The unit is identified as Waste Process Unit 3 in Attachment 1 and its location is shown in Attachment 1.

(4) Aerosol Can Puncturing- Paints (T4) [Unit #4]: Located in Storage Area 12 within the Facility building. The unit is identified as Waste Process Unit 4 in Attachment 1 and its location is shown in Attachment 1.

(5) Aerosol Can Puncturing- Oils (T5) [Unit #5]: Located in Storage Area 12 within the Facility building. The unit is identified as Waste Process Unit 5 in Attachment 1 and its location is shown in Attachment 1.

(6) Oily-Water Storage Tank (T6) [Unit #6]: This Unit is included in Unit #8.

(7) Container Decontamination (T7) [Unit #7]: Located in Storage Area 10 within the Facility building. The unit is identified as Waste Process Unit 7 in Attachment 1 and its location is shown in Attachment 1.

(8) Waste Storage (Interior) (S1) [Unit #8]: Located within the Facility building. The unit is identified as Waste Storage Unit 1 in Attachment 1 and its location is shown in Attachment 1.

(9) Waste Storage (Exterior) (S2) [Unit #9]: Located south of the Facility building. The unit is identified as Waste Storage Unit 2 in Attachment 1 and its location is shown in Attachment 1.

(10) Waste Storage (Interior Area 10) (S3) [Unit #10]: Located in the northwest corner of the Facility building. The unit is identified as Waste Storage Unit 3 in Attachment 1 and its location is shown in Attachment 1.

(b) Closed or Inactive Solid Waste Management Units (SWMUs).  
NONE

(c) List of SWMUs which require interim measures.  
NONE

4. WORK TO BE PERFORMED

(a) The Phase I Environmental Assessment Checklist submitted to DTSC by the Permittee on September 30, 1997 indicated that no further investigation was warranted at the Permittee's Facility. A summary of SWMUs and Corrective Actions required is listed above. After reviewing the Phase I Environmental Assessment Checklist and the findings from DTSC's inspection of the facility, DTSC concurs with the Permittee's finding based upon the submitted information from the Permittee and inspection results. DTSC does not require the Permittee to conduct further investigation at this time based on the information submitted by the Permittee.

(b) DTSC may require that the Permittee conduct further investigation of the Facility if any of the following occurs:

- (1) DTSC determines that the information supplied in the Phase I Environmental Checklist is inaccurate, incomplete, falsified, or improperly completed.
  - (2) DTSC has reason to believe that the Permittee's Facility may be adversely affecting human health or the environment.
  - (3) The Permittee identifies an immediate or potential threat to human health and/or the environment, discovers new releases of hazardous waste and/or hazardous constituents, or discovers a new SWMU not previously identified.
- (c) If DTSC determines at a later time that further investigation is warranted, DTSC will modify Part IV of this Standardized Permit. The modifications will specify requirements that the Permittee shall complete as part of the required further investigation.
- (d) If, at any time, DTSC determines that modification of Part IV of this Permit is necessary, DTSC may initiate a modification of Part IV of the Permit according to the procedures in Title 22, Cal. Code Regs. sections 66270.41 and 66270.42.

5. POTENTIAL OR IMMEDIATE THREATS/NEWLY IDENTIFIED RELEASES/NEWLY IDENTIFIED SWMUs

- (a) In the event the Permittee identifies an immediate or potential threat to human health and/or the environment, discovers new releases of hazardous waste and/or hazardous constituents, or discovers a new SWMU not previously identified, the Permittee shall notify DTSC orally within 48 hours of discovery and notify DTSC in writing within ten (10) days of such discovery, summarizing the findings, including the immediacy and magnitude of any potential threat(s) to human health and/or the environment.
- (b) DTSC may require the Permittee to investigate, mitigate and/or take other applicable action to address any immediate or potential threats to human health and/or the environment from newly identified releases of hazardous waste and/or hazardous constituents, or newly identified SWMUs. Upon written request by DTSC, the Permittee shall submit to DTSC any required documents within the time specified by DTSC. The required documents shall be developed in a manner consistent with guidance to be provided by DTSC.
- (c) DTSC will review the required documents and notify the Permittee in writing of DTSC's approval or disapproval, including any comments and/or modifications. If DTSC determines that immediate action is required, DTSC may orally authorize the Permittee to act prior to DTSC's receipt or approval of any required workplans.

6. SAMPLING/ACCESS

(a) Sampling

- (1) The Permittee shall provide confirmatory samples to DTSC within the time requested by DTSC to determine if there is a threat to human health and/or the environment. The sampling shall be done in accordance with guidance that DTSC supplies to the Permittee.
- (2) The Permittee shall notify DTSC in writing at least fourteen (14) days prior to beginning any confirmatory sampling requested by DTSC. If the Permittee believes it must commence emergency confirmatory sampling without delay, the Permittee may seek emergency telephone authorization from DTSC's Permit Streamlining Branch Chief or, if the Branch Chief is unavailable, his/her designee to commence such activities immediately. At the request of DTSC, the Permittee shall provide or allow DTSC or its authorized representative to take split or duplicate samples of all samples collected by the Permittee pursuant to Part IV of this Permit.
- (3) The Permittee shall submit to DTSC upon request the results of all sampling and/or tests or other data generated by its employees, divisions, agents, consultants or contractors pursuant to this Standardized Permit.
- (4) Notwithstanding any other provisions of this Standardized Permit, DTSC retains all information gathering and inspection authority rights including enforcement actions related thereto, under the H&SC and any other applicable State or federal statutes or regulations.

(b) Access

- (1) DTSC, its contractors, employees, agents, and/or any U.S. EPA representatives are authorized to enter and freely move about the Facility pursuant to the entire Permit for the purposes of: interviewing Facility personnel and contractors, inspecting records, operating logs, and contracts relating to the Facility, reviewing progress of the Permittee in carrying out the terms of Part IV of the Permit, conducting such test, sampling, or monitoring as DTSC deems necessary, using a camera, sound recording, or other documentary-type equipment, verifying the reports and data submitted to DTSC by the Permittee, or confirming any other aspect of compliance with this Standardized Permit and Division 20, Chapter 6.5 of the H&SC. The Permittee shall provide DTSC and its representatives access at all reasonable times to the Permittee's Facility and any other property to

which access is required for implementation of any provision of this Standardized Permit and any provision of Division 20, Chapter 6.5 of the H&SC and shall allow such persons to inspect and copy all records, files, photographs, documents, including all sampling and monitoring data, that pertain to work undertaken pursuant to the entire Standardized Permit or undertake any other activity necessary to determine compliance with applicable requirements.

- (2) To the extent that work being performed pursuant to Part IV of the Permit must be done on property not owned or controlled by the Permittee, the Permittee shall use its best efforts to obtain access agreements necessary to complete work required by this Part of the Permit from the present owner(s) of such property within thirty (30) days of approval of any workplan for which access is required. "Best efforts" as used in this paragraph shall include, at a minimum, a certified letter from the Permittee to the present owner(s) of such property requesting access agreement(s) to allow the Permittee and DTSC and its authorized representatives access to such property and the payment of reasonable sums of money in consideration of granting access. The Permittee shall provide DTSC with a copy of any access agreement(s). In the event that agreements for the access are not obtained within thirty (30) days of approval of any workplan for which access is required, or of the date that the need for access becomes known to the Permittee, the Permittee shall notify DTSC in writing within fourteen (14) days thereafter regarding both efforts undertaken to obtain access and its failure to obtain such agreements. In the event DTSC obtains access, the Permittee shall undertake approved work on such property.
- (3) Nothing in Part IV of this Standardized Permit shall be construed to limit or otherwise affect the Permittee's liability and obligation to perform corrective action including corrective action beyond the facility boundary, notwithstanding the lack of access. DTSC may determine that additional on-site measures must be taken to address releases beyond the Facility boundary if access to off-site areas cannot be obtained.
- (4) Nothing in Part IV of the Permit shall limit or otherwise affect DTSC's right to access and entry pursuant to any applicable State or federal laws and regulations.

## 7. MODIFICATIONS

- (a) The Permittee must request and obtain a permit modification to revise any portion of this Standardized Permit. To request such a revision, the Permittee must comply with

the procedures for permit modifications set forth in Title 22, Cal. Code Regs., section 66270.42.

- (b) If at any time DTSC determines that modification of this Part of this Standardized Permit is necessary, DTSC may initiate a modification to this Part of the Permit according to procedures in Title 22, Cal. Code Regs. section 66270.41.

Table 1. Waste Streams Description

Waste Stream Number	Common Name	U.S. EPA Code	California Waste Code(s)	Process Generating Waste
A[1]	Used Oil	None	221, 261, 612	On specification recyclable oil PCB <2 ppm
B[2]	Waste Oil	Exempt	221, 222, 223, 261, 612	Off specification waste oil >1000 ppm halogens PCB <50 ppm
C[3]	Oily Water	None	221, 222, 223, 231, 232, 241, 123, 133, 134, 135, 342, 343, 451, 531, 541, 551, 612	Oil and water mixtures with varied amounts of settling solids
D[4]	Oily Debris	None	221, 222, 223, 232, 241, 343, 352, 551, 571, 581, 591, 612, 613	Oil contaminated debris including personal protective equipment, rags, metal and rubber hoses, plastic, wood, pads, socks, booms, socks, clothing, paper and cardboard
E[5]	Oil Aerosol Cans	Exempt D001 / Exempt D003	612	Contaminated aerosol cans containing oil related products and residues. Universal Waste
F[6]	Spent Oil Aerosol Cans	Exempt	181, 223, 311, 513	Spent aerosol cans previously containing oil related products, Universal Waste
G[7]	Used Oil Filters	None	221, 223, 352, 612	Oil filters from internal combustion engines & equipment
H[8]	Oil Contaminated Containers	None	352, 223, 513, 612	Oily contaminated containers constructed of steel, plastic and cardboard consisting of sizes from quart to 110 gallon capacity
I[9]	Hydrocarbon Contaminated Soil (Non RCRA)	None	223, 261, 321, 322, 352, 521, 611, 612	Soils contaminated with Diesel and oil

Table 1. Waste Streams Description

Waste Stream Number	Common Name	U.S. EPA Code	California Waste Code(s)	Process Generating Waste
J[10]	Oil Contaminated Absorbents	None	221, 223, 352, 612	Cleanup of diesel and/or oil spills with granulated organic and inorganic absorbent materials
K[11]	Solid Grease	None	223, 352, 331, 612	Spent, surplus and aged lubricating grease
L[12]	Liquid Grease	None	221, 223, 331, 612	Spent, surplus and aged lubricating grease
M[13]	Solidified Petroleum Tank Residuals (non RCRA)	None	221, 222, 223, 241, 252, 343, 352, 571	Absorbents added to tank bottom petroleum residuals to solidify crude, diesel, hydrocarbons and oil/water sediments
2A[14]	Paint Debris	None	352, 291, 612	Brushes, personal protective equipment, paint, hoses, rags, drop cloths, rollers, wipes, trays, masking tape, visqueen, wood, cardboard, and other paint related debris with dry solid paint or paint stained
2B[15]	Paint Filters	None	352, 291, 461, 612	Spent foam, cloth, cardboard, paper, plastic cartridge filters, fiber membrane filters
2C[16]	Paint Contaminated Containers	None	352, 512, 513, 612	Empty paint containers (steel, cardboard, plastic, fiber) with solidified paint waste residue
2D[17]	Paints (latex based)	None	291, 461, 612	Used and/or unused latex paint (solid, liquid or sludge) waste in steel, cardboard, plastic or fiber containers
2E[18]	Paints (oil based)	None	461, 612, 211, 213, 214	Used and/or unused oil based paint (solid, liquid or sludge) waste in steel, cardboard, plastic or fiber containers

Table 1. Waste Streams Description				
Waste Stream Number	Common Name	U.S. EPA Code	California Waste Code(s)	Process Generating Waste
2F[19]	Paint Aerosol Cans	Exempt D001 / Exempt D003	612	Contaminated unused aerosol cans containing paint related products and residuals, Universal Waste
2G[20]	Spent Paint Aerosol Cans	None	513	Spent aerosol cans containing paint related products and residuals, Universal Waste
3A[21]	Resin	None	271, 272, 352, 612	Used and spent solidified reacted resin waste material
3B[22]	Glues	None	281, 352, 612	Used or unused water based liquid sludge or solid glues in glass, steel, plastic containers
3C[23]	Soaps (liquid)	None	141, 331, 343, 561, 612	Spent or surplus liquid or sludge detergent and soaps
3D[24]	Soaps (solid)	None	141, 181, 331, 352, 561, 612	Spent or surplus solid detergent and soaps
3E[25]	Oil Contaminated Asphalt Debris (non RCRA)	None	352, 612	Removed or unused solid roofing asphalt or asphalt composite waste material or excavated solid asphalt road base debris
3F[26]	Sand and Bead Blasting Residue (non RCRA)	None	181, 352	Surface cleaning painted, oily, rust coated surfaces, non RCRA used sand or bead blasting waste residue from metal parts
3G[27]	Machining Grinding Residue (non RCRA)	None	171, 172, 181, 223, 352	Non RCRA metal shavings or waste residue from metal machine grinding operations to include steel and/or other non RCRA metal parts (metal & grit)
3H[28]	Metal Polishing Debris	None	352	Non RCRA used polishing rags, polishing and buffing wheels debris and polish

Table 1. Waste Streams Description				
Waste Stream Number	Common Name	U.S. EPA Code	California Waste Code(s)	Process Generating Waste
	(non RCRA)			material residue waste from surface cleaning of painted rust coated anodized surfaces
3I[29]	Metal Polishing Compounds	None	352	Wax, dust, granular
3J[30]	Clarifier Sludge (non RCRA)	None	135, 181, 222, 223, 241, 252, 321, 352, 411, 421, 431, 441, 471, 491, 521	Non-RCRA clarifier tank bottom sludge and solids from industrial, commercial, automotive waste water treatment solutions
3K[31]	Clarifier Filter Cake (Non RCRA)	None	222, 223, 241, 252, 352, 181, 411, 421, 431, 441, 471	Non RCRA clarifier tank bottom solid filter cake from industrial, commercial, automotive waste water treatment systems
3L[32]	Anti-freeze	None	133, 134, 135, 343, 612	Spent propylene and ethylene glycol waste solutions
3M[33]	Inks (liquid)	None	343, 331	Non RCRA used or unused water based liquid waste inks in plastic, glass or metal containers
3N[34]	Inks (solid)	None	352	Non RCRA used or unused water based solid waste inks in plastic, glass or metal containers
3O[35]	Asbestos	None	151, 612	Triple bagged asbestos and asbestos containing waste
3P[36]	Other Spent Catalyst	None	162, 612	End-of-life and off-specification catalyst
3Q[37]	Water/Gasoline	Exempt D001	133, 134, 135, 612	This Waste Stream [37] is water contaminated with gasoline and will be only received from CESQG and HHW generators.
3R[38]	Pharmaceutical	None	311, 612	Off-specification, outdated,

Table 1. Waste Streams Description

Waste Stream Number	Common Name	U.S. EPA Code	California Waste Code(s)	Process Generating Waste
	Waste			defective
3S[39]	Treated Wood Waste	None	614, 612	Off-specification, used
4A[40]	Off Specification Waste Oil	None	221	Waste oil mixtures with >1000 ppm halogens
4B-2[41]	Specification Waste Oil	None	221	Waste oil mixtures with <1000 ppm halogens
4C1[42]	Waste Water	None	223, 133, 134, 135	Non RCRA waste water contaminated with oil
4C2[43]	Oily Water	None	223, 133, 134, 135	Non RCRA waste water contaminated with oil
4D[44]	Scrap Metal	None	Recycled	Shredded steel
4E[45]	Paint Sludge	Exempt D001	461	Paint sludge from emptying containers generated by FRS from HHW and CESQG's.
4F[46]	Oil Contaminated Debris	None	352	Contaminated solids
4G[47]	Paint contaminated debris	None	352	Paint contaminated solids
4H[48]	Carbon Filters	D001	352	Filters from depressurizing aerosol cans generated by FRS
4I[49]	Aerosol Oil Residue	D001	223	Liquid residues from puncturing oil aerosol cans generated by FRS.
4J[50]	Aerosol Paint Residue	D001	343	Liquid residues from puncturing paint aerosol cans generated by FRS.
4K[51]	Lab Pack	Any	343, 212, 213, 612, 211	Small containers of non-treatable waste from households or CESQG's
52	Water/Gasoline	Exempt	133, 134, 135,	Waste stream 52 is to be

Table 1. Waste Streams Description				
Waste Stream Number	Common Name	U.S. EPA Code	California Waste Code(s)	Process Generating Waste
		D001	612	shipped offsite and is generated from consolidating waste stream 37 (water/gasoline).
53	Recovered Gasoline	Exempt D001	133, 134, 135, 612	Waste Stream 53 is generated by consolidating the residual liquids resulting from the processing of excluded recyclable fuel filters and pump nozzles. This waste will be shipped offsite.

California Waste Codes:

131 – Aqueous solution (2 < pH < 12.5)      132 – Aqueous solution with metals      133 – Aqueous solution with 10% or more total organic residues  
 134 – Aqueous solution with less than 10% total organic residues      **135** – Unspecified aqueous solution      151 – Asbestos containing waste  
 161 – Fluid – cracking catalyst (FCC) waste      162 – Other spent catalyst      171 – Metal sludge      **172** – Metal dust and machining dust  
**181** – Other inorganic solid waste      211 – Halogenated solvents      212 – Oxygenated solvents      213 Hydrocarbon solvents  
 214 – Unspecified solvent mixture      **221** – Waste oil and mixed oil      222 – Oil/water separation sludge  
 223 – Unspecified oil-containing waste      231 – Pesticide rinse water      232 – Pesticides and other waste associated with pesticide production  
 241 – Tank bottom waste      251 – Still bottoms with halogenated organics      252 – Other still bottom waste      261 – Polychlorinated biphenyls and  
 materials containing PCB's      271 – Organic monomer waste      272 Polymeric resin waste      281 Adhesives      **291** – Latex waste  
 311 Pharmaceutical waste      321 – Sewer sludge      322 – Biological waste other than sewage sludge      331 – Off-specification, aged, or surplus  
 organics      341 – Organic liquids (non-solvents) with organics      342 – Organic liquids with metals      **343** – Unspecified organic liquid mixture  
 351 – Organic solids with halogens      **352** – Other organic solids      411 – Alum and gypsum sludge      421 – Lime sludge  
 431 – Phosphate sludge      441 – Sulfur sludge      451 – Degreasing sludge      461 – Paint sludge      471 – Paper sludge/pulp  
 481 – Tetraethyl lead sludge      491 – Unspecified sludge waste      511 – Empty pesticide containers 30 gallons or more  
 512 – Other empty containers 30 gallons or more      **513** – Empty containers less than 30 gallons      521 – Drilling mud      531 – Chemical toilet waste  
 541 – Photochemicals / photoprocessing waste      551 – Laboratory waste chemicals      561 – Detergent and soap  
 571 – Fly ash, bottom ash, and retort ash      581 – Gas scrubber waste      591 – Bag house waste      611 – Contaminated soil from site  
 clean-ups      **612** – Household waste      613 – Auto shredder waste      **614** – Treated wood waste

Table 2 - Modification History

No	Date	Mod Title	Description
	Xx/xx/xxxx	A Class 2 Permit Modification	<ol style="list-style-type: none"> <li>1. Increase the number of permitted waste streams from 34 to 53. Add a number of waste streams to each of the permitted units, add a number of waste codes to the waste streams, add a number of waste codes to the Units, rename Waste Stream #42, New waste streams were also added, including asbestos, catalyst, pharmaceuticals, treated wood wastes, lab packs, water/gasoline, gasoline, and oily water.</li> <li>2. Allow cubic yard boxes and liquid totes to be stacked no more than two high within the permitted units.</li> <li>3. Consolidate two existing permitted storage units (Unit #6 (Oily-Water Storage Tank) into Unit #8 (Waste Storage (Interior) (S1)). This will increase storage area for Unit #8 but the resulting number of containers or storage capacity in the modified Unit #8 will not increase. Rename the Oily-Water Storage Tank from Unit #6 as a Portable Roll-off Container and include the Portable Roll-off Container as a type of container that can used in Unit #8. References to Unit #6 were removed from the permit.</li> <li>4. Unit numbers were not re-designated.</li> <li>5. Addition of a permitted storage unit directly south of Unit #9 Waste Storage (exterior) (S2). This new unit consists of a total area of 4,823 square feet. This new unit will be Unit #11 Waste Storage South (S4). This unit is designated for receiving incoming containers from transport vehicles, truck-to-truck bulk transfer, solid waste roll-off bins, and end dump storage. All 53 permitted waste streams can be accepted in the Waste Storage South (S4) Unit #11.</li> <li>6. Addition of truck-to-truck transfer activity. Addition of truck-to-truck transfer activity takes place between multiple vehicles in Unit #8 and Unit #9, between multiple vehicles within Unit #9, between multiple vehicles in Unit #9 and Unit #11, and between multiple vehicles within Unit #11.</li> <li>7. Remove the “existing tool and supply storage area” noted in the current plot plan. Remove the fencing and move the berm to extend along the office to the south facility wall. This increases storage within area 10 with no increase in total number of containers or volume of Waste Storage (Interior) (S1) Unit #8.</li> </ol> <p>See Attachment 4 for details of this modification.</p>



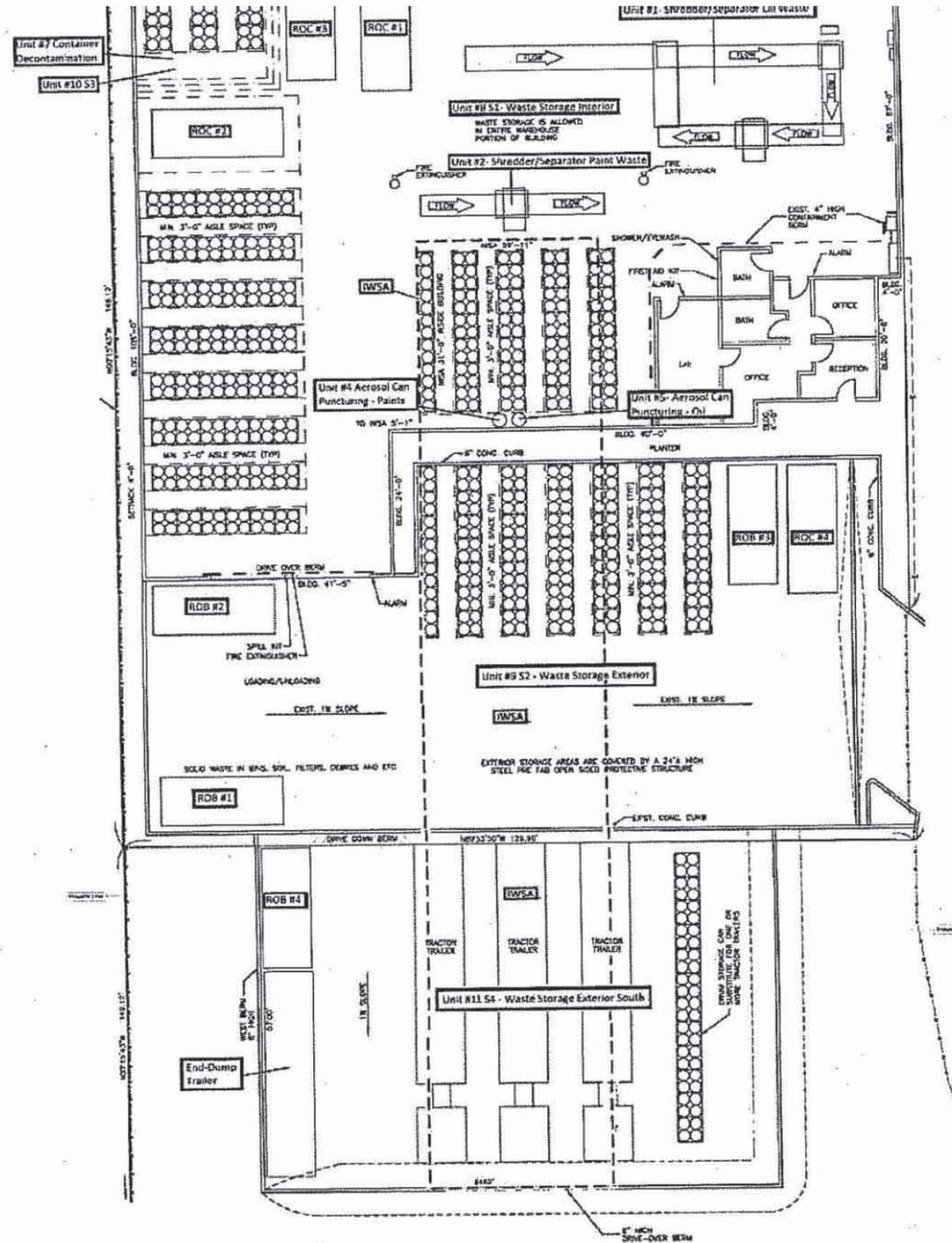


Figure 2. Permitted Units at Filter Recycling Services, Inc.





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## FILTER RECYCLING

### STANDARDIZED PERMIT ADDENDUM ADDITIONAL INFORMATION

#### PROCESS FLOW DIAGRAM

Wastes are received at the Filter Recycling Services, Rialto Plant by trucks, roll-off trucks, vacuum trucks, containers, truck trailers, pickup trucks. Wastes are shipped from the facility byway of roll-off trucks, tanker trucks, vacuum trucks, tractor trucks

#### PIPING LAYOUT

The only permanent piping is connected to the 3,000 gallon portable tank at the facility as shown in Tab 5 section tank drawings. In addition, flex piping is used with the 3,000 gallon tank (10' of 3" diameter flex piping) during waste liquid transfer activities. The flex piping is connected to the tank with a 3" CAM lock inlet fitting with a cap and a gate valve. The transfer pipe is constructed of reinforced plastic flex material with a design pressure of 150 psi.

#### FACILITY PLOT PLAN

The legal boundaries of the subject property are shown on the City of Rialto Parcel Map provided in this section for reference purposes

The access to the plant property is one driveway which permits egress and ingress to the receiving and shipping portion of the plant. No internal roads exist on the property.

The traffic patterns to the plant are limited to that volume and types of vehicles using the Filter Recycling Services TSD facility since the FRS facility is on a cloverleaf (dead ended) street. The traffic is also controlled for the same reason. The estimated volume is the permitted throughput of the FRS facility, estimated at 50 trucks per day.

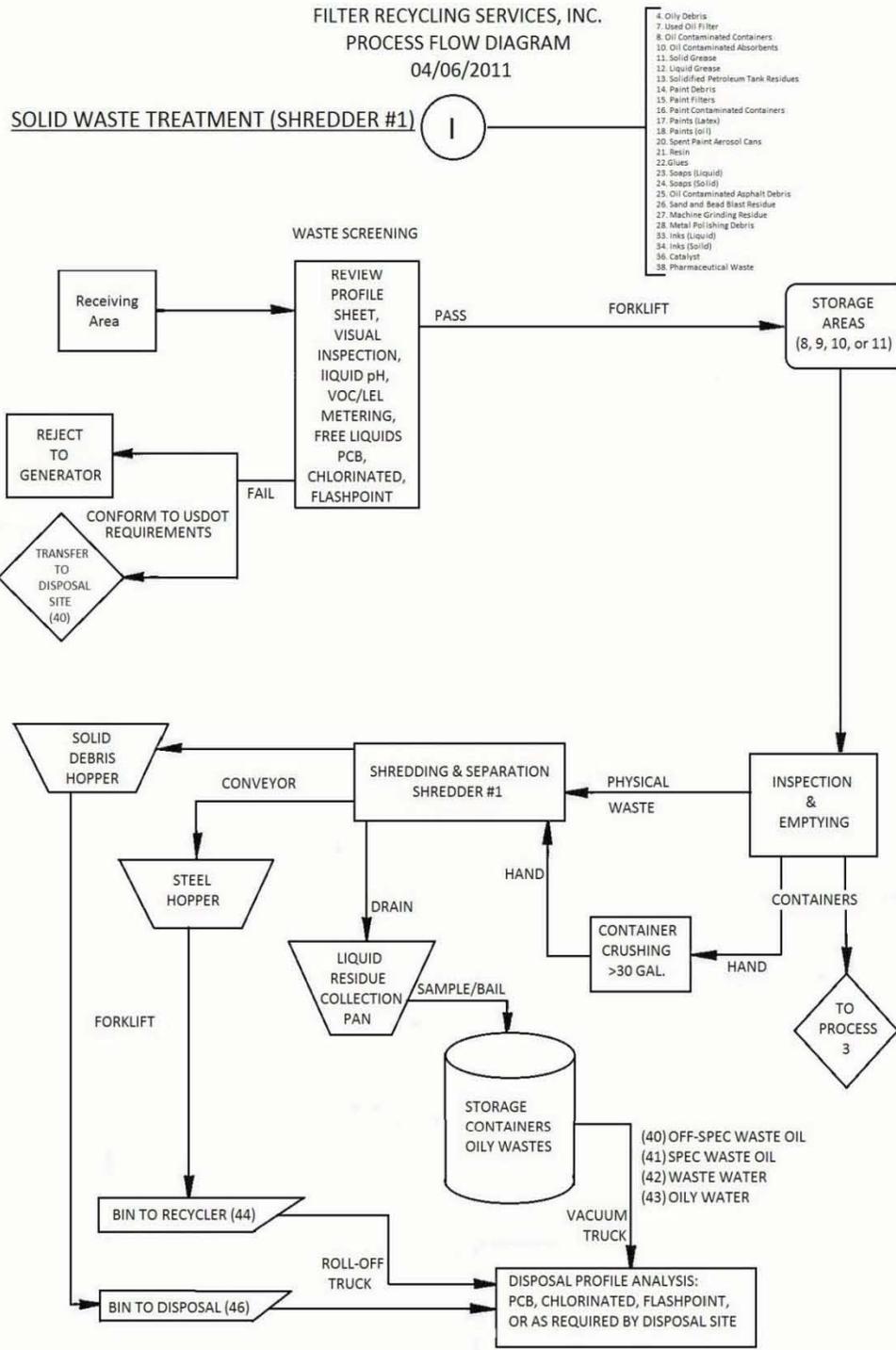
The power lines to the plant are shown on the Facility Site Plan provided in this section for reference purposes. A separate domestic water map is also provided. There are no easements on the property at this time.

The ignitable waste storage area is located inside the building and greater than fifty (50) feet from all property lines.

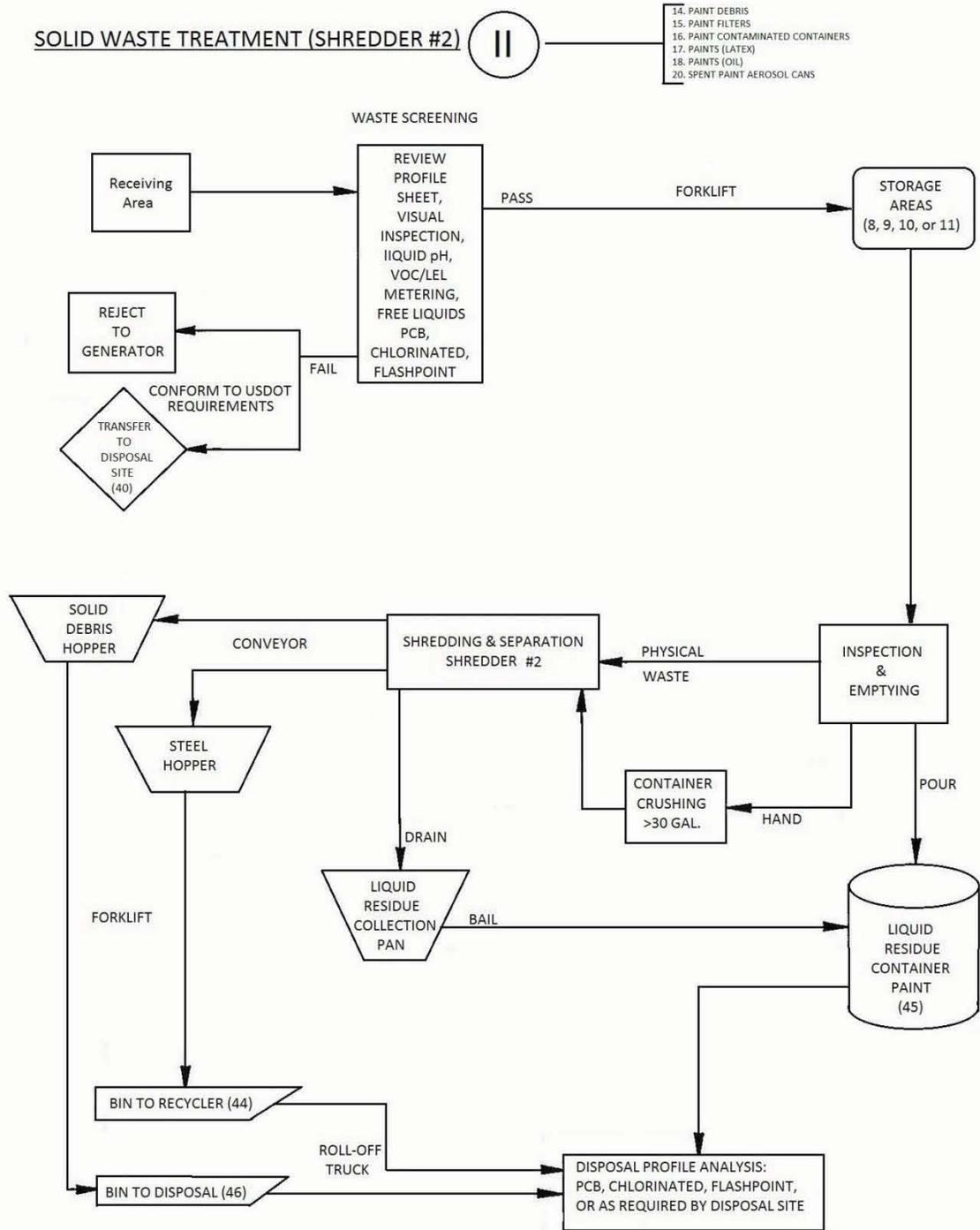
The rain run-off drains to the street (W. Monte), drains to Riverside Avenue and flows south on Riverside Avenue to a stormwater drain on Riverside Avenue.

#### LEGAL DESCRIPTION OF PROPERTY

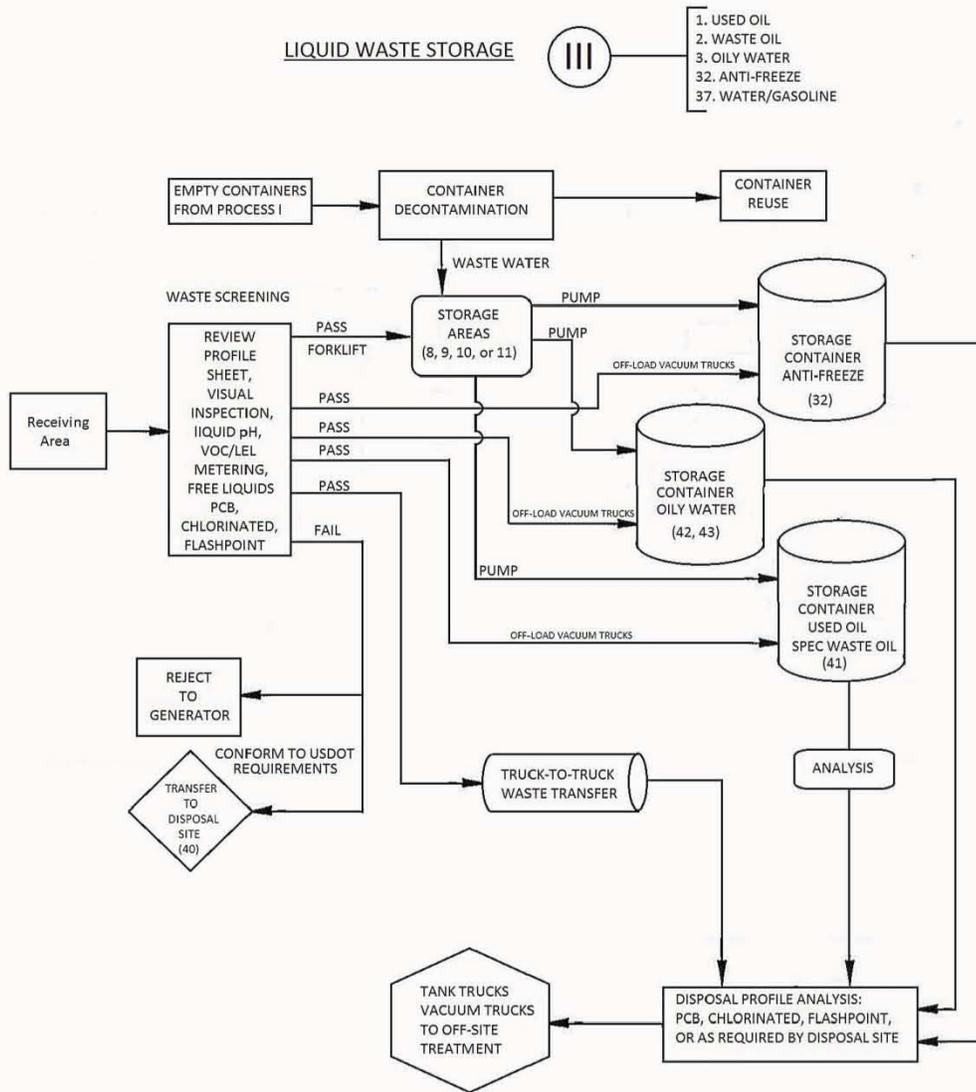
The Property Title Report is provided in this section which defines the legal description of the subject property. Official Tract Map has been included in this section.



FILTER RECYCLING SERVICES, INC.  
 PROCESS FLOW DIAGRAM  
 4/06/2011



FILTER RECYCLING SERVICES, INC.  
 PROCESS FLOW DIAGRAM  
 04/06/2011

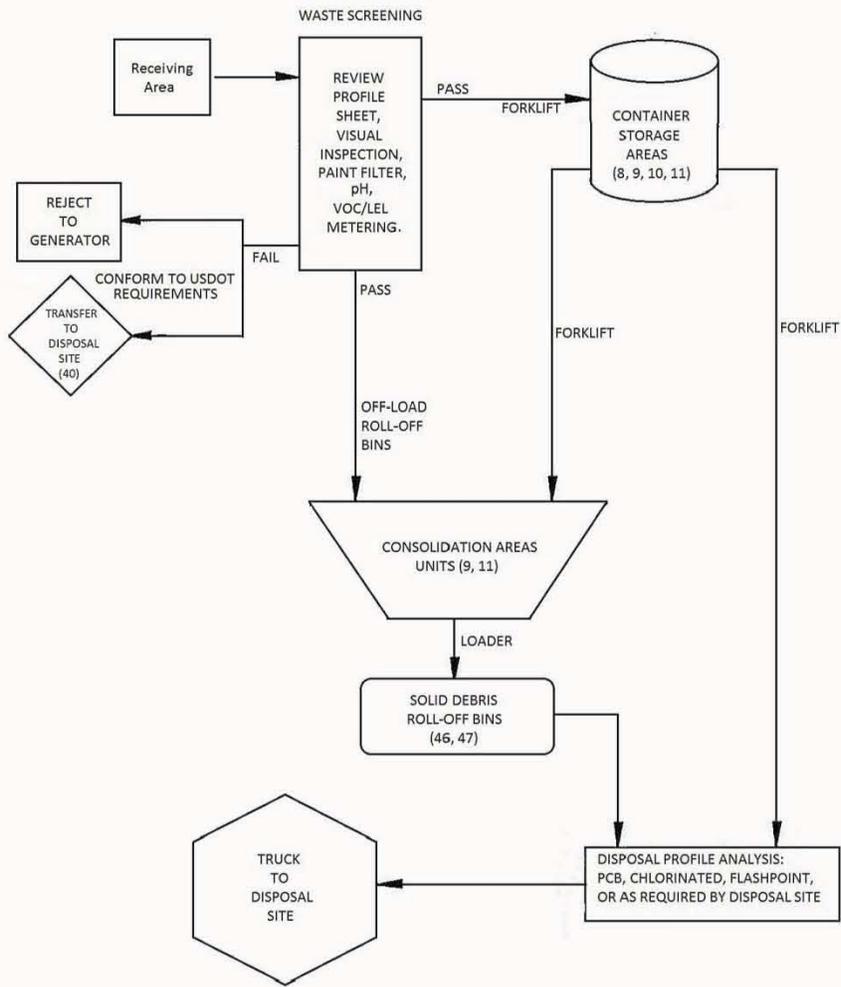


Fig

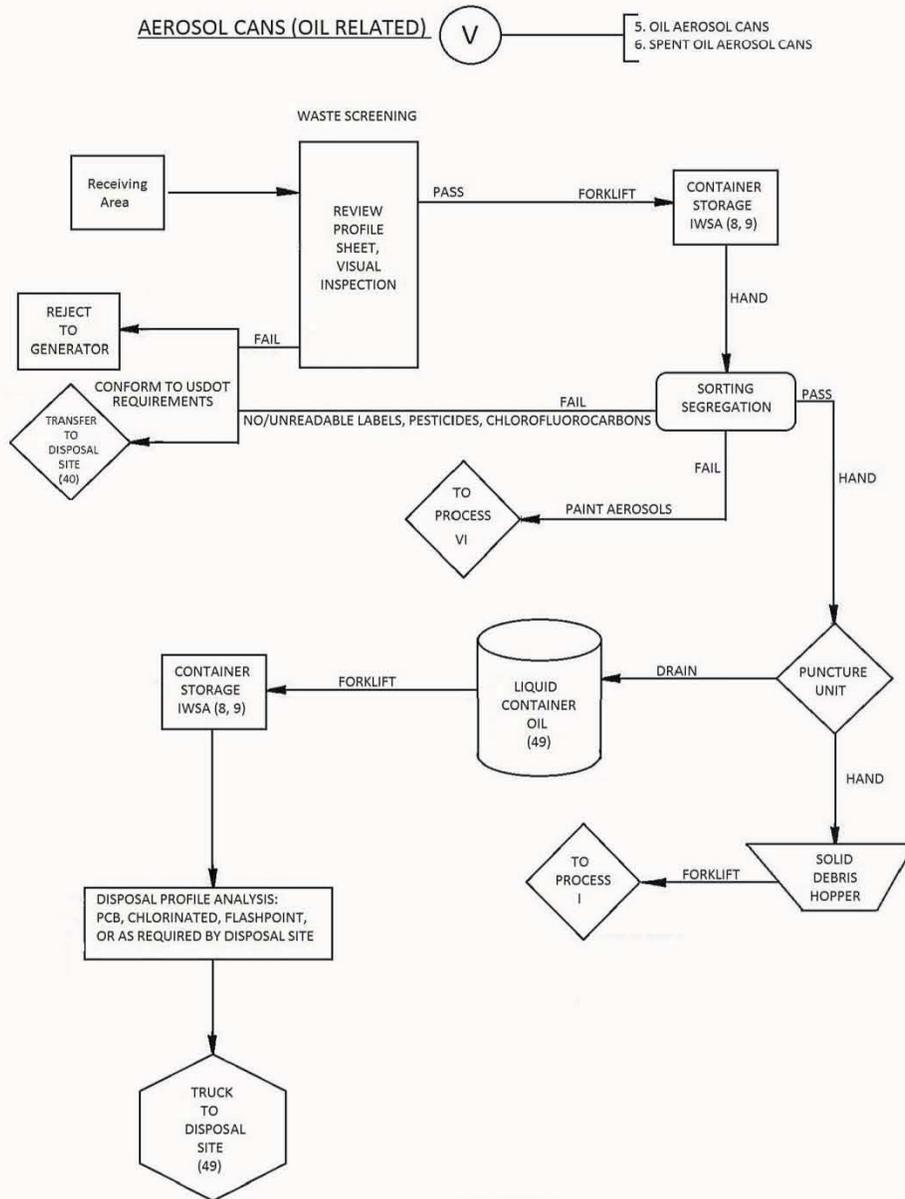
FILTER RECYCLING SERVICES, INC.  
 PROCESS FLOW DIAGRAM  
 04/06/2011

- 4. OILY DEBRIS
- 9. HYDROCARBON CONTAMINATED SOIL
- 10. OIL CONTAMINATED ABSORBENTS
- 11. SOLID GREASE
- 13. SOLIDIFIED TANK RESIDUES
- 14. PAINT DEBRIS
- 15. PAINT FILTERS
- 21. RESIN
- 24. SCAPS (SOLID)
- 25. OIL CONTAMINATED ASPHALT DEBRIS
- 26. SAND & BEAD BLASTING RESIDUE
- 27. MACHINE GRINDING RESIDUE
- 28. METAL POLISHING DEBRIS
- 29. METAL POLISHING COMPOUNDS
- 30. CLARIFIER SLUDGE
- 31. CLARIFIER FILTER CAKE
- 34. INKS (SOLID)
- 35. ASBESTOS
- 36. CATALYST
- 38. PHARMACEUTICAL WASTE
- 39. TREATED WOOD WASTE

BULK SOLIDS (IV)



FILTER RECYCLING SERVICES, INC.  
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 04/06/2011

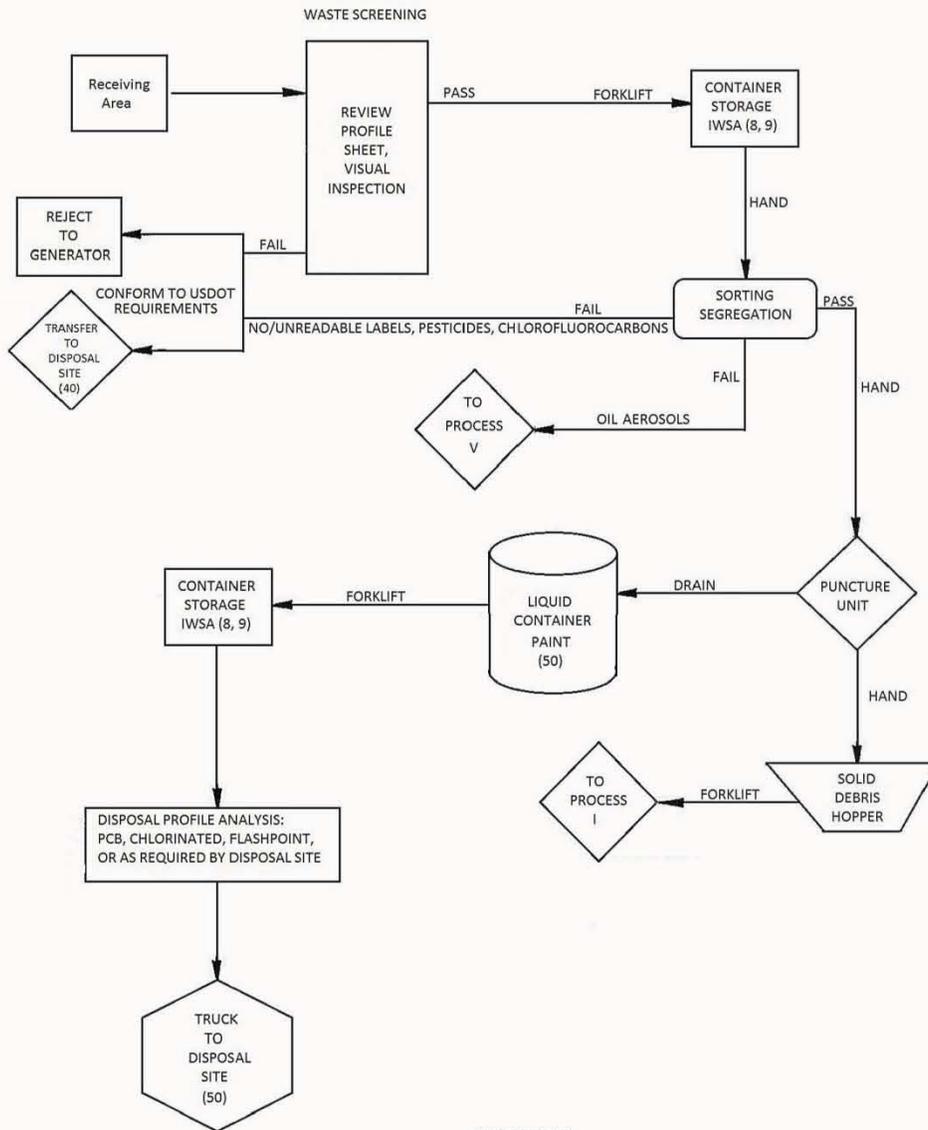


FILTER RECYCLING SERVICES, INC.  
 PROCESS FLOW DIAGRAM  
 04/06/2011

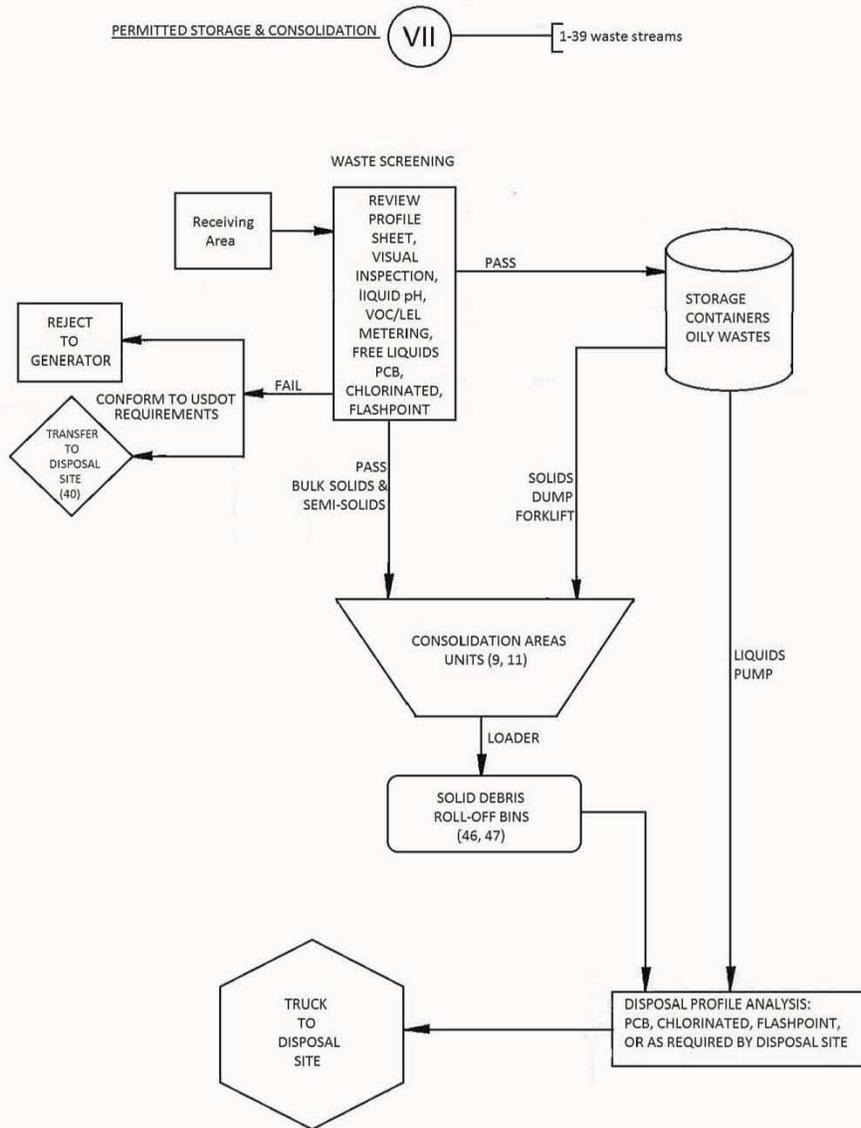
AEROSOL CANS (PAINT RELATED)

VI

- 19. PAINT AEROSOL CANS
- 20. SPENT PAINT AEROSOL CANS

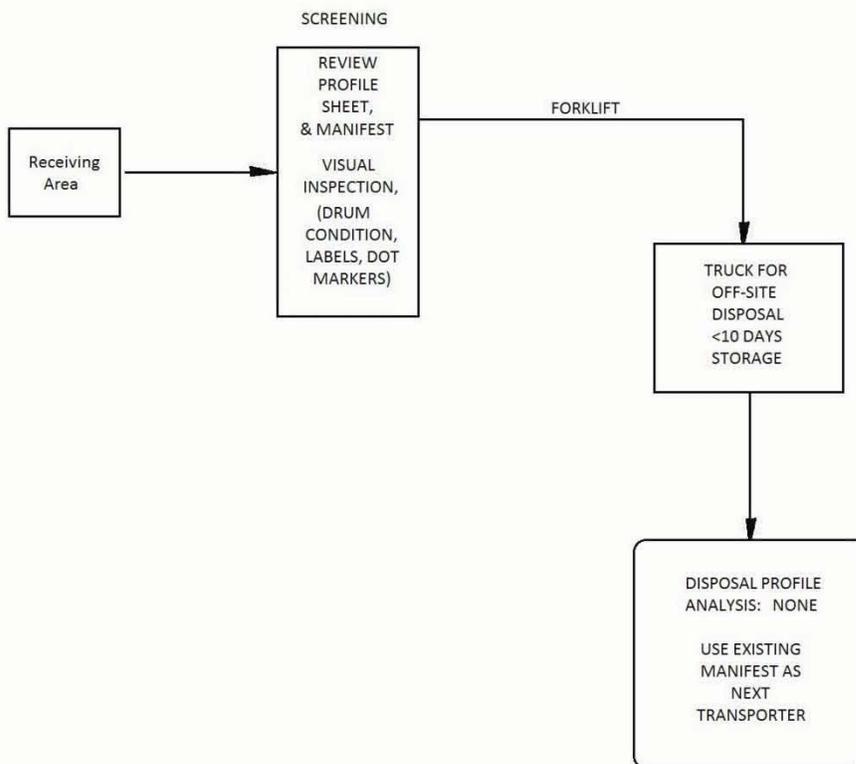


FILTER RECYCLING SERVICES, INC.  
PROCESS FLOW DIAGRAM  
04/06/2011



FILTER RECYCLING SERVICES, INC.  
PROCESS FLOW DIAGRAM  
04/06/2011

EXEMPT TRANSFER VIII (WASTE TYPES WHICH MAY NOT BE PROCESSED)



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	Section D - Secondary Containment (pg 27) . . . . .	5.2
	Section E - Certification of Containment System . . . . .	5.3
	Construction Drawings . . . . .	5.4
	Section F - Treatment in Containers . . . . .	5.5
	Aerosol Treatment and Precautions . . . . .	5.6
	Drum Crusher Treatment Unit . . . . .	5.7
	Decontamination of Containers . . . . .	5.8
Tab 6 -	Section V - Facility Design (Tanks) . . . . .	6.0
	Section A - Shredder/Separator Unit #1 . . . . .	6.1
	Section I - Containment Certification . . . . .	6.1
	Shredder/Granulator/Separator Unit #1 Drawings . . . . .	6.3
	Section A - Shredder/Separator Unit #2 . . . . .	6.4
	Section I - Containment Certification . . . . .	6.4
	Shredder/Granulator/Separator Unit #2 Drawings . . . . .	6.6
	Section A - Bailer/Drum Crusher Unit #3 . . . . .	6.7
	Section I - Containment Certification . . . . .	6.7
	Bailer/Drum Crusher Unit #3 Drawings . . . . .	6.9
	Section A - Oily/Water Storage Tank Unit #6 . . . . .	6.10
	Section I - Containment Certification . . . . .	6.10
	Oily/Water Tank Storage Drawings Unit 6 . . . . .	6.12
Tab 7 -	Environmental Information . . . . .	7.0
Tab 8 -	Closure Plan and Closure Cost Estimates . . . . .	8.0
	Section A - Introduction (pg 65) . . . . .	8.1
	Section B - Maximum Inventory Estimates (pg 66) . . . . .	8.2
	Section C - Waste Removal/Treatment (pg 68) . . . . .	8.3
	Section D - Decontamination Procedures (pg 77) . . . . .	8.4
	Section G - Analytical Test Methods (pg 79) . . . . .	8.5
	Section H - Closure Cost Estimate (pg 80) . . . . .	8.6
Tab 9 -	Section I: Phase I Environmental Site Assessment . . . . .	9.0

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## FILTER RECYCLING

### VOLUME 1 TABLE OF CONTENTS

Intro.	Application 3rd NOD Issues Status Report . . . . .	(i)
	Application 3rd Notice NOD Status Report . . . . .	(ii)
Tab 1 -	Standardized Permit Notification . . . . .	1.0
	Series Determination . . . . .	1.1
	Hazardous Waste Treatment/Storage Description . . . . .	1.2
	Hazardous waste Facility Unit-Specific Forms . . . . .	1.3
Tab 2 -	Section I - Facility Identification . . . . .	2.0
Tab 3 -	Facility and Hazardous Waste Process Description . . . . .	3.0
	Facility Waste Management Block Diagram . . . . .	3.1
	Detailed Topographic Map . . . . .	3.2
	Piping Layout Description . . . . .	3.3
	Process Flow Diagrams . . . . .	3.4
	Wind Rose Map (1988 - 1996) . . . . .	3.5
	Site Plot Plan Maps . . . . .	3.6
	City of Rialto Grading Plan . . . . .	3.7
	City of Rialto Water Plan . . . . .	3.8
	Site Access Route Map . . . . .	3.9
	Surrounding Property Information . . . . .	3.10
	City of Rialto Zoning Map . . . . .	3.11
Tab 4 -	Waste Analysis Plan . . . . .	4.0
	Waste Analysis Plan Description . . . . .	4.1
	Table 2 - Description of Waste Received/Generated . . . . .	4.2
	Table 3 - Physical Properties of Wastestreams . . . . .	4.3
	Table 4 - Hazardous Properties of Wastestreams . . . . .	4.4
	Table 5 - Sampling and Analysis of Wastestreams . . . . .	4.5
	Table 6 - Treatment Standards (22 CCR chapter 18) . . . . .	4.6
	Table 7 - Quality Assurance and Quality Control . . . . .	4.7

Attachment 4 – Details of Modification **xx, xx, 2012**

Title Page:

1. Included date of public notice and modification.
2. Deleted Shawn L. Bennett as the Facility Owner.
3. Changed the address of the Facility Owner
4. Inserted address for the Facility Operator
5. Changed appropriate signature block

Table of Contents

6. Revised Table of Contents to include Unit No. 11 Waste Storage Exterior South Area (S4)

Part I – Description of the Facility

7. Revised Facility Owner section.
8. Added Facility History section
9. Added Facility Size and Type for Fee Purposes section
10. Added Closure Cost Estimate Section

Part II – General Conditions

11. Updated Permit Application Documents section.

Part III – Facility Units

Unit #	Waste Codes	Waste Streams
1	Added 25 waste codes [141, 162, 171, 172, 211, 213, 214, 232, 241, 252, 271, 272, 281, 291, 311, 331, 343, 461, 551, 561, 571, 581, 591, and 613]. Deleted waste code 512.	Added 22 waste streams [5, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 26, 27, 28, 33, 34, 36, 38]
2	Added three waste codes [211, 213, and 214]	Added 3 waste streams [17, 18, and 19]
3	Added 18 waste codes [181, 221, 223, 232, 241, 291, 311, 331, 343, 461, 511, 513, 551, 571, 581, 591, 612, and 613]	Added nine waste streams [4, 6, 8, 10, 11, 14, 15, 16, and 20]
4	Added two waste codes [181, 331]	
5	Added three waste codes [181, 223 and 331]	
7	Added 18 waste codes [162, 181, 221, 222, 223, 232, 241, 291, 343, 352, 511, 513, 551, 571, 81, 591, 612, and 612]	Added 6 waste streams [4, 8, 14, 16, 25, 36]
8	Added 32 waste codes [123, 151, 162, 171, 211, 213, 214, 231, 232, 252, 261, 271, 272, 311, 321, 322, 342, 411, 421, 431, 441, 471, 511, 521, 531, 541, 551, 571, 581, 591, 613, and 614]	Added five waste streams [35-39]
9	Added 32 waste codes [123, 151, 162, 171, 211, 213, 214, 231, 232, 252, 261, 271, 272, 311, 321, 322, 342,	Added five waste streams [35-39]

	411, 421, 431, 441, 471, 511, 521, 531, 541, 551, 571, 581, 591, 613, and 614]	
10	Added 30 waste codes [123, 151, 162, 211, 213, 214, 221, 222, 223, 231, 232, 241, 252, 261, 271, 272, 311, 342, 451, 461, 471, 491, 512, 513, 531, 541, 551, 561, 571, and 614]	Added 30 waste streams [1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 18, 19, 20, 23, 24, 25, 26, 27, 30, 31, 35, 36, 38, 39, 40, 41, 46, and 47]
11		New Unit with Waste Streams 1-53

12. Updated 'Special Conditions' section for each of the permitted units.
13. Changed 'permitted waste streams' information for Unit #9 to Waste Streams #1-53.
14. Updated this section to include current waste stream description and new Unit #11.
15. Included photographs of the Units.

Tables

16. Added Table 1 to list waste stream numbers, waste names, and waste codes. Certain waste codes were added to or deleted from this table based upon this modification.

WS #	Waste Codes
1	Additional Code: 261
2	Additional Codes: 221, 222, 223, 261
3	Additional Codes: 231, 232, 123, 342, 531, 541, 551
4	Additional Codes: 232, 551, 571, 581, 591, 613
6	Additional Codes: 181, 223, 311
8	Additional Code: 511
9	Additional Codes: 261, 321, 322, 521
13	Additional Codes: 252, 571
18	Additional Codes: 211, 213, 214
21	Additional Codes: 271, 272
25	Additional Code: 612
27	Additional Code: 171
30	Additional Codes: 252, 321, 411, 421, 431, 441, 471, 521
31	Additional Codes: 252, 411, 421, 431, 441, 471
35	Added new waste stream [asbestos] with codes 151, 612
36	Added new waste stream [spent catalyst] with codes 162, 612
38	Added new waste stream [pharmaceutical waste] with codes 311 and 612.
39	Added new waste stream [treated wood waste] with codes 614, and 612.
42	Additional Code: 135
43	Renamed Waste Water to Oily Water

17. Added Table 2 to include modification history.

Figures:

18. Updated Figure 1.
19. Updated Figure 2

Attachments

1. Updated Attachment 1 [Facility Plot Plan]. Updated Attachment 2
2. Added Attachment 4 to provide details of the modification.