



Solid Waste Facility License Application

Application packet for a new license, license renewal, change of authorization request or change in ownership for facilities that:

- Process non-putrescible (dry) waste
- Reload solid waste
- Compost or reload yard debris
- Process source separated recyclable materials

Issued January 2022

oregonmetro.gov

Metro
Waste Prevention and Environmental Services
600 NE Grand Ave.
Portland, OR 97232-2736
SWICC@oregonmetro.gov

Solid Waste Facility License Application



Metro

600 NE Grand Ave.
Portland, OR 97232
503-797-1835

This packet contains an application for a Metro Solid Waste Facility License. You may also want to review the relevant sections of Metro Code. Metro Code Chapter 5.01 identifies which solid waste facilities and activities require a Metro license. You can access the Metro Code via the Metro website at www.oregonmetro.gov/metro-code.

Metro staff will generally review an application for completeness within 15 business days of receipt and notify the applicant whether their application is deemed to be complete. If an application is incomplete, Metro will notify the applicant as to what additional information is required.

Application for a new Solid Waste Facility License

An applicant seeking a new Metro Solid Waste Facility License must first attend a pre-application conference before submitting an application. The purpose of the pre-application conference is for Metro to obtain a description of the proposed solid waste facility and provide the applicant with information regarding the applicable requirements for the proposed operation. The conference also provides the applicant with an opportunity to discuss the application process and to identify any potential issues specific to its proposal. An applicant should prepare for the pre-application conference by reviewing application forms and drafting responses before the conference. To schedule a pre-application conference, contact Joanna Dyer, Metro's Solid Waste Authorization Coordinator at 971-401-0976 or via email at SWICC@oregonmetro.gov.

After completing the pre-application conference, an applicant seeking a new license must submit to Metro a completed *Solid Waste Facility License Application* form and provide all additional information as required. Metro will generally approve or deny a new license within 180 days after Metro deems the application to be complete. The fee for filing a license application is \$300. See Metro Code Chapter 5.01 for more information regarding the issuance of a license.

Renewal of an Existing License

An applicant seeking to renew an existing license without substantive changes to the current authorization must submit a completed *Solid Waste Facility License Application* form and provide all additional information as required, unless Metro staff directs otherwise. License renewal applications must be submitted not less than 120 days before the current license expires. If a licensee fails to submit a timely renewal application, the licensee's authority to operate may lapse. Additionally, Metro is not obligated to renew a license earlier than the expiration date of the existing license even if the licensee files a renewal application more than 120 days before the existing license expires. The fee for filing a license renewal application is \$300. See Metro Code Chapter 5.01 for more information regarding the renewal of licenses.

Change of Authorization to an Existing License

An applicant seeking a change of authorization for an existing license (other than renewal) must submit to Metro a completed *Solid Waste Facility License Application* form and provide all additional information as required unless Metro staff directs otherwise. The applicant cannot implement the requested change of authorization until Metro approves it in writing. The fee for filing a change of authorization application is \$100. See Metro Code Chapter 5.01 for more information regarding changes of authorization for licenses. Metro may require the applicant to apply for a new license if there is a significant change in the types of solid waste accepted or activities performed at a facility.

Transfer of Ownership or Control of an Existing License

An applicant seeking to transfer ownership or control of an existing license must submit to Metro a completed *Solid Waste Facility License Application* form and provide all additional information as required, unless Metro staff directs otherwise. See Metro Code Chapter 5.01 for more information regarding requirements for the transfer of ownership for a licensed facility.

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INSTRUCTIONS

1. Complete all applicable parts of application.
2. Review confidentiality section and sign last page of application.
3. Attach required documents. *(If submitting printed copies, please print double-sided.)*
4. Submit application, attachments and application fee using one of the following methods:

a. **Online:**

- Email the completed application to SWICC@oregonmetro.gov. Contact Joanna Dyer for assistance with large files (contact information below).
- Call Metro's Accounts Receivable at 503-797-1620 to pay the application fee by credit card.

b. **By Mail:** Mail the completed application and a check for the application fee to:

Metro
Waste Prevention and Environmental Services
Attn: Joanna Dyer
600 NE Grand Avenue
Portland, OR 97232-2736

Questions? Contact Joanna Dyer, Metro's Solid Waste Authorization Coordinator, at 971-401-0976 or joanna.dyer@oregonmetro.gov.

PART 1 – Standard License Application Information

1. Applicant (Licensee)	
Facility Name:	Environmentally Conscious Recycling
Company Name:	Environmentally Conscious Recycling
Facility Street Address, City, State, Zip:	12409 NE San Rafael St, Portland, Oregon 97230
Facility Mailing Address, City, State, Zip:	P.O. Box 20096 Portland, Oregon 97294
Contact Person & Title:	Steven Desemple Operations Manager
Phone Number:	503-573-9782
E-mail Address:	sdesemple@ecrrecycling.com

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2. Type of Application (please check one)

<input type="checkbox"/>	New license <i>Date of Pre-Application Conference:</i> _____	<i>Current Metro Solid Waste Facility License Number:</i> __L-003-13__
<input checked="" type="checkbox"/>	Renewal of an existing license	
<input type="checkbox"/>	Change of authorization to an existing license (other than a renewal) <i>Please describe the proposed change below in Section 4.</i>	
<input type="checkbox"/>	Transfer of ownership or control of an existing license	

3. Type of facility (please check one)

<input checked="" type="checkbox"/>	Non-putrescible (dry) waste material recovery facility
<input type="checkbox"/>	Source-separated recyclable material recovery facility
<input type="checkbox"/>	Source-separated food waste reload facility
<input type="checkbox"/>	Yard debris reload facility
<input type="checkbox"/>	Yard debris composting facility
<input type="checkbox"/>	Other solid waste reload or processing facility

4. If seeking a change of authorization to an existing license, please explain the proposed change below (attach additional pages if necessary). Complete all remaining sections of this form as they pertain to the request.

--

5. Applicant's Owner or Parent Company

(Provide information for all owners and corporate structure if applicable)

Company Name:	Vince Gilbert
Mailing Address, City, State, Zip:	P.O. Box 20096 Portland, Oregon 97294
Contact Person & Title:	Vince Gilbert Owner
Phone Number:	503-320-3326
E-mail Address:	vince@ecrrecycling.com

Solid Waste Facility License Application



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6. Site Operator (if different from Applicant)

Company Name:	
Mailing Address, City, State, Zip:	
Contact Person & Title:	
Phone Number:	
E-mail Address:	

7. Site Description

Tax Lot(s): 1N2E26CB -03200	Section: 26	Township: 1N	Range: 2E
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8. Land Use

Present Land Use Zone:		
Is proposed use permitted outright?	<input checked="" type="checkbox"/> Yes If yes, attach a copy of the <i>Land Use Compatibility Statement</i> (See Attachment D).	<input type="checkbox"/> No
Is a conditional use permit necessary for the facility?	<input type="checkbox"/> Yes If yes, attach a copy of the <i>Conditional Use Permit</i> (See Attachment F)	<input checked="" type="checkbox"/> No
Are there any land use issues presently pending with the site?	<input type="checkbox"/> Yes If yes, please explain the land use issues below.	<input checked="" type="checkbox"/> No
Description of the pending land use issues identified above:		
Are any permits required from the Oregon Department of Environmental Quality (DEQ)?	<input checked="" type="checkbox"/> Yes If yes, please list all DEQ permits below and attach copies with this application (see Attachment F).	<input type="checkbox"/> No
Listing of all required DEQ permits:	Solid Waste Disposal Permit #387	
Are any other local permits or building codes required?	<input type="checkbox"/> Yes If yes, please list all other required permits below and attach copies with this application (see Attachment F).	<input checked="" type="checkbox"/> No

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Listing of other required permits:	N/A
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9. Land Owner

Is the applicant the sole owner of the property on which the facility is located?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No If no, please complete this section with additional pages if necessary and attach a completed <i>Property Use Consent Form</i> (see Attachment E).
Property Owner:	Ralph Gilbert Trust – ½ & Environmentally Conscious Recycling ½	
Mailing Address, City, State, Zip:	P.O. Box 20096 Portland, Oregon 97294	
Phone Number:	503-253-0867	
E-mail Address:	Vince@ecrrecycling.com	

10. Public/Commercial Operations

Will the facility be open to the public (e.g., non-commercial self-haul customers)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Will the facility be open to non-affiliated commercial solid waste collectors?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Will the facility accept waste from outside the boundary of Metro?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

11. Operating Hours and Traffic Volume

	Public (non-commercial self-haul)	Commercial Affiliated	Commercial Non-Affiliated
Operating Hours	M-SAT 7AM-7PM Sun 7AM-6PM Summer Hours M-SAT 7AM-6PM Sun 7AM-5PM Winter Hours	M-SAT 7AM-7PM Sun 7AM-6PM Summer Hours M-SAT 7AM-6PM Sun 7AM-5PM Winter Hours	M-SAT 7AM-7PM Sun 7AM-6PM Summer Hours M-SAT 7AM-6PM Sun 7AM-5PM Winter Hours
Customer Hours (if different)			
Estimated Vehicles Per Day	300	25	150

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12. Inbound Waste/Feedstock by Type

Identify the types of waste/feedstock and annual tonnage amounts that the applicant expects to receive at the facility. Also, identify how the applicant will manage each waste stream, the expected tip fees that the applicant will post at the facility, and the length of time required to process each waste stream (attach additional pages if necessary).

Waste/Feedstock Type	Accepted at Facility	Expected Annual Tonnage Amount	Type of Activity to be Performed on Waste	Expected Tip Fee (per Ton)	Estimate the maximum and typical lengths of time required to process each day's receipt of each waste/feedstock type
Source-Separated Wood:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3,000	Recovery	\$125.00	Within 72 hours
Source-Separated Yard Debris:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	500	Recovery	\$125.00	Within 72 hours
Source-Separated Yard Debris Combined with Residential Food Waste:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Source-Separated Commercial and Other Food Waste:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Inerts (e.g., rock, concrete, etc.):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2,000	Recovery	\$125.00	Within 72 Hours
Non-Putrescible (dry) Waste:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	70,000	Recovery	\$125.00	Within 48 hours
Source-Separated Recyclables:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4,000	Recovery	No Charge	Within 48 Hours
Special Wastes (please specify):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Petroleum Contaminated Soil:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Putrescible (wet) waste:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Other Waste/Feedstocks (please specify): C&D	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	15,000	Recovery	\$125.00	Within 48 hours
Other Waste/Feedstocks (please specify):	<input type="checkbox"/> Yes <input type="checkbox"/> No				

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13. Inbound Waste/Feedstock by Generator

Identify the generator type and the expected annual tonnage of waste/feedstock that the facility will receive and recover from each type. Add additional rows if necessary.

Generator Type*	Tons Received**	Tons Recovered**	Tons Residual**
Commercial:	50,000	25,000	25,000
Residential:	50,000	15,000	35,000
TOTAL TONS:	100,000	40,000	60,000

* Example: commercial, residential, self-haul, etc.

** Tons received = tons recovered + tons residual

14. Outbound Waste and Materials

List the expected destination and amount of each type of outbound solid waste and materials that the applicant expects to transport from the facility (attach additional pages if necessary).

Destination Site (Name and address)	Waste/ Material Type	Expected Annual Tonnage	Purpose Of Delivery*
Rivergate Metals Portland, OR	Metals	2,500	Recovery
Bruck Inc	Carpet Pad	800	Recovery
Kapstone Longview, WA	Wood/Hogfuel	8,500	Beneficial Use
Hillsboro Landfill Hillsboro, OR	Residual	80,000	Disposal
ECR Portland, OR	Concrete/Asphalt	5,000	Beneficial Use

*Example: disposal, recovery, land reclamation, beneficial use, etc.

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15. Subcontractors

Provide the name, address and function of all subcontractors involved in the facility operations, if applicable (this does not include janitorial staff):

Name	Address	Function
N/A	N/A	N/A

PART 2 – Standard Attachments to License Application

New License, License Renewal and Change of Authorization

- The applicant must provide a current version of all of the following attachments with each application unless otherwise directed by Metro.
- The applicant must clearly label each attachment submitted as part of the application. A description of each attachment is provided in Appendix A.

Check if included	Attachment
<input checked="" type="checkbox"/>	Attachment A: Site Plan
<input checked="" type="checkbox"/>	Attachment B: Operating Plan
<input checked="" type="checkbox"/>	Attachment C: Proof of Insurance
<input checked="" type="checkbox"/>	Attachment D: Land Use Compatibility Statement (LUCS)
<input type="checkbox"/>	Attachment E: Property Use Consent Form (This form is not necessary if the property is solely owned by the applicant)
<input checked="" type="checkbox"/>	Attachment F: Required Permits
<input type="checkbox"/>	Attachment G: Facility Design Plan (NEW CONSTRUCTION ONLY)

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PUBLIC NOTICE AND CONFIDENTIAL INFORMATION

- This application and all of the supporting documentation that the applicant provides is subject to Metro's public notice procedures. Metro will notify and provide the public with an opportunity to review and comment on the proposed application. The public notice may include, but is not limited to, posting the complete application on Metro's website.
- The applicant may identify as confidential any reports, books, records, maps, plans, income tax returns, financial statements, contracts and other similar written materials of the applicant that are directly related to the proposed application and that are submitted to or reviewed by Metro. The applicant must prominently mark any information that it claims confidential with the mark "CONFIDENTIAL" before submitting the information to Metro. Subject to the limitations and requirements of ORS Chapter 192 (public records law) and other applicable laws, Metro will treat as confidential any information so marked and will make a good faith effort to not disclose that information unless Metro's refusal to disclose the information would be contrary to applicable Oregon law.
- These conditions do not limit the use of any information submitted to or reviewed by Metro for regulatory purposes or in any enforcement proceeding. In addition, Metro may share any confidential information with representatives of other governmental agencies provided that, consistent with Oregon law, those representatives agree to continue to treat the information as confidential and make good faith efforts to not disclose the information.

APPLICANT CERTIFICATION

An authorized agent of the applicant must sign this application. Metro will not accept an application without a signature.

I certify that the information contained in this application is true and correct to the best of my knowledge. I agree to notify Metro within 10 days of any change in the information submitted as a part of this application.

Signature of authorized agent

A handwritten signature in black ink, appearing to read "Steven Desemple", written over a horizontal line.

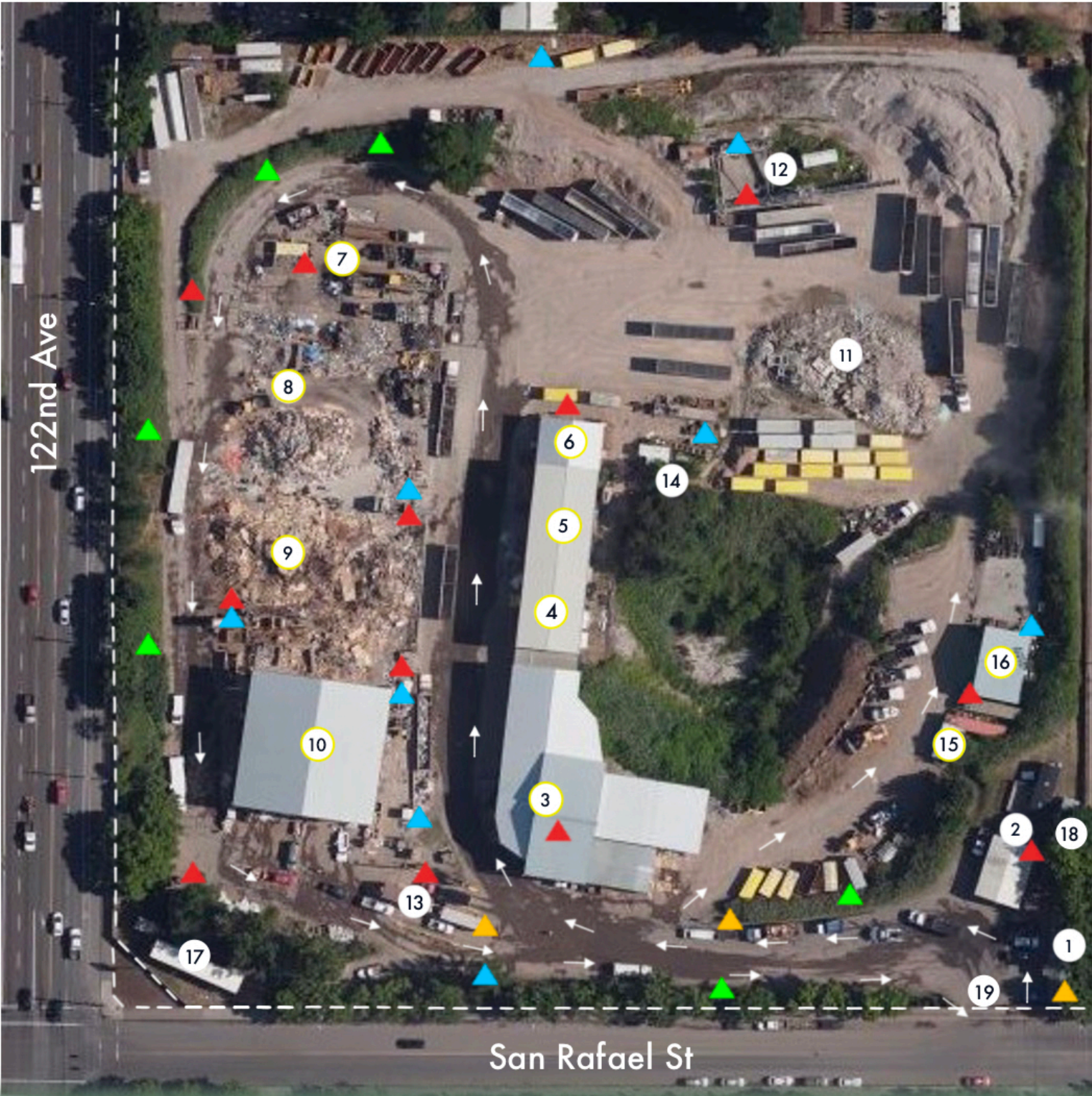
Date 2/20/2023

Print name Steven Desemple

Title Operations Manager

Email sdesemple@ecrrecycling.com

Phone 503-573-9782



1. Main Office
2. Executive Office
Executive Garage
3. Carboard Processing Area
Carpet Pad, Mattress Foam, Tv's
Cardboard Bales Staging Area
4. Sorting Area C (Carpet Pad and LDPE)
Storage and Overflow for Sorting Area A & B
5. Mattress Drop-off and Processing Area
6. Mechanic Shop
7. Metal Drop-off and Processing Area
8. North End Sorting area B
Customer Load Check and Tipping Area
9. Wood Pile
Customer Drop-off Area for Clean Wood
Hog Fuel Processing
10. Covered South End Sorting Area A
Customer Load Check and Tipping Area
11. Clean Unprocessed Concrete
Glass and Porcelain Mixed Material
12. Concrete and Glass Processing Area

13. Scalehouse
Load Check
Customer Inbound & Outbound Scales
14. Bioswale
15. Prohibited Material Containment Area (Covered)
16. Shop
17. Employee Break Trailer
18. Records Storage
19. Main Gate

- ▲ Fire Suppression
- ▲ Signage
- ▲ Vegetative Buffer Zones and Berms
- ▲ Water Source for Fire Suppression

- ➔ Traffic Flow Patterns
- Paved Areas
- Property Boundaries



Figure 1

Environmentally Conscious Recycling – Site Plan

ENVIRONMENTALLY CONSCIOUS RECYCLING, INC.

OPERATING PLAN
FOR SAN RAFAEL FACILITY
12409 NE San Rafael Street
Portland, Oregon 97230

June 2007

Revised February 2023

Contact Information:

Environmentally Conscious Recycling, Inc.
Vince Gilbert | Corporate Secretary
P.O. Box 20096
Portland, OR 97294
(503) 253-0867
(503) 253-1902 Fax

TABLE OF CONTENTS

SECTION I

INTRODUCTION	5
A. PURPOSE OF THE OPERATING PLAN.....	5-6
B. GENERAL OPERATIONS DESCRIPTION.....	6-7

SECTION II

GENERAL FACILITY OPERATING REQUIRMENTS	7
A. SITE DEVELOPMENT AND STRUCTURES.....	7
B. ACCESS AND CIRCULATION TRAFFIC CONTROLS.....	7-8
C. PARKING.....	8
D. STORMWATER DISPOSAL.....	8
E. NUISANCE CONTROL.....	8-9
F. ODOR MINIMIZATION.....	9-10
G. DUST CONTROL.....	10
H. NOISE M INIMIZATION.....	10
I. LITTER CONTROL.....	10
J. COVERED SOUTH END SORTING AREA A.....	10
K. SORTING AREA B.....	11
L. SORTING AREA C.....	11
M. SORTING AREA D.....	11

SECTION III

GENERAL OPERATIONS	11
A. GENERAL FACILTY DESIGN AND DESCRIPTION.....	11-12
B. WASTE STREAM.....	12
B.1 ACCEPTABLE MIXED SOLID WASTE.....	12
B.2 UNACCEPTABLE WASTE.....	12-16
C. MATERIAL RECEIVING AND PROCESSING.....	16
C.1 TIPPING AND INSPECTION.....	16-17
C.2 LOAD REJECTION.....	17-18
C.3 MARGINAL LOAD HANDLING.....	18

C.4	PROCESSING PROCEDURES.....	19
C.5	AGGREGATE PROCESSING.....	19
C.6	ROOFING WASTES.....	20
C.7	WOOD RECYCLING FOR HOG FUEL.....	20-21
C.8	TREATED CREOSOTE WOOD WASTE.....	21
C.9	MATTRESS RECYCLING.....	21
C.10	APPLIANCES.....	22-23
C.11	RESIDUAL CONSOLIDATION.....	23

SECTION IV

STAFFING.....	23
A. GENERAL LEVEL OF EMPLOYMENT.....	23-24
B. DESCRIPTIONS OF PERSONNEL DUTIES.....	24
B.1 GENERAL MANAGER.....	24-25
B.2 SUPERVISOR.....	25-26
B.3 SPOTTERS.....	26
B.4 EQUIPMENT OPERATOR.....	26
B.5 LABORER.....	26-27
B.6 OFFICE ADMINISTRATOR.....	27
B.7 SCALE OPERATOR.....	28
C. TRAINING PROGRAM.....	29-30
D. SUBCONTRACTORS.....	30

SECTION V

SPECIAL WASTE MANAGEMENT PLAN	
A. DEFINITIONS AND LABELS.....	31
A.1 ACWM.....	31
A.2 FRIABLE.....	31
A.3 NON-FRIABLE.....	31
A.4. OPEN ACCUMULATION.....	31
B. TRAINING.....	32
C. SIGNS.....	32
D. PROCEDURES FOR HANDLING ACWM.....	33
E. INITIAL.....	33-34
F. EMERGENCY HANDLING ON TIPPING SLAB.....	34
F.1 FRIABLE.....	34-35

F.2 NON-FRIABLE.....	35
G. STORED ACWM.....	35
H. TRAINED PERSONNEL.....	35

SECTION VI

DISPLAY OF PERMITS AND LICENSES.....	36
A. HOURS OF OPERATION.....	36
B. CLOSURE PLANS.....	36
B.1 SHORT TERM CLOSURE.....	36
B.2 LONG TERM CLOSURE.....	36-37
B.3 EMERGENCY CONTACTS.....	37
C. PERSONAL PROTECTIVE EQUIPMENT.....	37
D. ONSITE EMERGENCY EQUIPMENT.....	37
E. SPILL PREVENTION.....	38
F. SPILL RESPONSE.....	38
G. SPILL RESPONSE EQUIPMENT.....	38-39
Appendix A.....	40
Appendix B.....	41
Appendix C.....	42-43
Appendix D.....	44-47
Figure 1.....	48

SECTION I

INTRODUCTION

Environmentally Conscious Recycling (ECR) is a material recovery facility. It includes structures, equipment, and operating personnel designated and trained to operate the facility.

ECR receives mixed solid waste, supplied by various haulers, including the public, containing on average, greater than 30% recyclable content.

Material received at ECR is processed for recyclables with unrecoverable waste materials being shipped to a Metro authorized transfer station or disposal site.

The Operating Plan serves a critical function in integrating structures, equipment, and the work force. The Plan is expected to be revised as operational experience suggests better ways to use the facility and accomplish the required work.

A. PURPOSE OF THE OPERATING PLAN

The main body of this plan describes the general operating procedures for ECR facility. The purpose of the plan is to:

1. Acquaint operations and maintenance personnel with the facility's overall capabilities.
2. Describe individual job responsibilities for the operation and maintenance personnel.

3. Provide personnel with the necessary instructions for proper operation and maintenance of the facility under both normal and unusual conditions.

B. GENERAL OPERATION DESCRIPTION

ECR's facility located at NE 122nd Avenue and NE San Rafael Street includes an office, receiving area, processing area, equipment and paving. (See Figure 1)

ECR holds a Solid Waste License issued by Metro and is authorized by the Oregon Department of Environmental Quality (DEQ) to accept mixed solid wastes. No other wastes are accepted without written approval of Metro and the Department of Environmental Quality. ECR is not permitted to accept prohibited or hazardous wastes.

ECR operates under a Solid Waste License, issued by Metro, and a Solid Waste Disposal Permit, issued by the DEQ.

The principal function of ECR is to recover recyclable materials. Mixed solid waste arriving at the facility will be visually inspected before being tipped. Loads, that in the reasonable judgment of ECR (see Section III) do not meet the requirements of its Metro license or DEQ will be directed to an appropriate Metro facility.

Other loads will be tipped onto the recovery area. If after tipping ECR decides (based on procedures in Section III) that the load does not comply with any requirement of its Metro license or DEQ permit, it will reload the waste for delivery to an appropriate and authorized Metro facility.

Other loads will be processed to remove recyclable materials. Recyclables are baled or otherwise prepared for shipment to market.

Non-recyclable materials will be shipped to a Metro authorized solid waste disposal facility.

If any hazardous waste is discovered and the hauler cannot be identified, the material will be removed from the facility by a licensed contractor and shipped directly to an authorized storage or disposal site. If the hauler is identified, they will be required to remove the material. If they do not choose to or cannot remove the waste, ECR shall contract such removal at the expense of the hauler.

SECTION II

GENERAL FACILITY OPERATING REQUIREMENTS

This section provides descriptions of general operating requirements and specific procedures necessary to meet those requirements apart from the solid waste handling functions of the facility. Waste handling operations are discussed in Section I.

A. SITE DEVELOPMENT AND STRUCTURES

The facility development includes an office building, scale, three sorting areas, and areas designated for processing. It also includes storage areas, paved and landscaped areas, and storm water facilities.

The general flow of traffic when entering the site is directed to the scale. After weighing and inspection, the load is tipped on one of three sorting areas. Vehicles are re-weighed after tipping.

B. ACCESS AND CIRCULATION TRAFFIC CONTROLS

The facility entry from NE San Rafael Street provides two lanes. Office traffic proceeds to the right, while access to the truck scale is to the left. All traffic will exit via the same driveway location. All entry and exit lanes will be kept clean.

C. PARKING

Employee and visitor parking are provided at the office. Additional employee parking is along the northwest side of the site. This is located near the scale.

The facility also includes centrally located space for truck trailer parking.

D. STORMWATER DISPOSAL

All storm water is diverted by sheet flow and various catch basins to a central filtering pond area. Additionally, some catch basins (because of their elevation in comparison to the filtering pond) empty into a holding tank. The flow into said holding tank is then pumped uphill into the filter pond area. Storm water contained in the filter pond drains through a Bioswale wall of wood chips and down into lower elevations of the ECR property.

The wood chips act as a filter, thus removing unwanted particles from the drainage process. The wood chips are replaced three times per year, thus keeping the water filtration process very efficient.

Sampling of the runoff water at its final and lowest elevation is done periodically to test for its purity.

E. NUISANCE CONTROL

ECR has not experienced any vector problems since food wastes are not accepted, and materials are not allowed to remain on site for an extended period of time. If during normal operations, insects, birds, rodents, or other animals become a nuisance or health and safety hazard, ECR will contract with a licensed pest control firm such as Terminex to address the issue.

F. ODOR MINIMIZATION AND COMPLAINT PROCEDURES

The potential for odor is minimized by non-acceptance of odiferous materials, as described above, and by the rapid processing of material. ECR processes material continuously so degradation does not occur. As noted above, ECR's procedures include load rejection where prohibited materials are present, which is key to odor minimization. However, any complaint ECR receives will be entered into a complaint log along with the following information:

1. Date of complaint
2. Name, address, phone number of complainant
3. Type of complaint i.e.: odor, dust, debris, etc...
4. Resolution regarding complaint

ECR will try to discuss the complaint with the complainant. They will be invited to visit the facility to observe operations and discuss the type and timing of odors experienced to determine the source. If an acceptable but odorous load is received, it will be given priority for loading out, either by recycling it or sending it to the landfill, depending on the material. If an extremely odorous load cannot be accepted, ECR will direct the hauler to contact Metro to find an alternative dumping site.

The complaint log will be managed and maintained in the main office at all times, and will also be accessible for review by the DEQ and METRO

officials at any time. DEQ will be notified whenever a source which resulted in a complaint cannot be identified.

G. DUST CONTROL

ECR's main access and tipping areas are hard surfaced, therefore minimizing dust generation. Dust in grinding and crushing operations is controlled by the application of water as needed. Similarly, water is available for application to unpaved vehicle areas when needed.

H. NOISE MINIMIZATION

All machinery and vehicles used on site are equipped with mufflers and equipment is only used during operating hours. A concrete wall has been installed around ECR's property line and an additional noise buffer has been installed on top of the North wall used as a noise barrier.

I. LITTER CONTROL

ECR's scale house operators inform customers hauling uncovered loads that it is ECR's policy that all loads must be covered. In addition, ECR personnel inspect the streets adjacent to the site periodically and pick up litter.

J. COVERED SOUTH END SORTING AREA A

As of May 2009, ECR will have installed a roof of approx. 10,000 sq. feet over the South End Sorting Slab. This structure is intended to help contain dust and blowing debris within the confines of ECR property. This area is for acceptable dry commingled loads.

K. NORTH END SORTING AREA B

Sorting Area B is for all acceptable construction and demo loads. No dry commingled loads will be tipped on in Sorting Area B.

L. SORTING AREA C

Sorting area C is for sorting of carpet pad, baling of carpet pad and baling plastic film. Carpet pad bales will be stored in this area. This area will also be used for overflow for sorting area A & B. This area is for all acceptable loads.

M. SORTING AREA D

Sorting area D is additional sorting area for overflow from area B. This will be an uncovered concrete slab.

SECTION III

GENERAL OPERATIONS

A. GENERAL FACILITY DESIGN AND DESCRIPTION

Environmentally Conscious Recycling (ECR) is a material recovery facility, which separates dry mixed solid waste and markets the recovered materials.

The facility includes a receiving area, an unloading/sorting area, and areas for packaging and processing recyclable materials. Processing includes sorting, baling, and crushing of asphalt and concrete. All

received materials are processed and sold or prepared for off-site disposal.

B. WASTE STREAM

B.1 ACCEPTABLE MIXED SOLIDS

The waste stream consists of dry mixed solid waste and inert materials such as glass, wood waste, yard debris, brick, porcelain, concrete and asphalt.

B.2 UNACCEPTABLE WASTE

ECR accepts only dry, inert recyclable waste materials. Section V of this plan describes material rejection procedures.

Prohibited waste includes:

1. Tires of all types and sizes. If tires are found in a load, ECR will attempt to require the hauler to remove them. Should this not be possible, the tires may be used on site or shipped to an approved disposal facility.
2. Biological and pathological medical waste. If such material is found in a load, the hauler will be required to remove it, or ECR will contact a Hazardous Waste contractor for removal. Should the need arise to engage a Hazardous Waste contractor, ECR will contact Foss Environment whose contact information is listed on page 26, or any other licensed Hazardous Waste contractor in the event that Foss Environment is unable to respond in a timely and immediate manner.

3. Batteries will not be accepted at ECR. However, if any batteries are found as a result of sorting out recyclable material, they will be immediately taken to a covered isolated area with a liquid resistant floor. The area will be outside the general customer traffic area and be at least 20 feet away from all electricity and water. Batteries will be taken off site to a battery recycler as the isolation area fills up or every 14 days, whichever is first.
4. Paints, solvents, aerosol cans of paint, and chemicals will not be accepted at ECR. However, any of the above discovered on the tipping slab will be immediately taken to the isolation area listed in Section III. At this area, covered barrels are available to place these products into and are then re-covered. A waste hauler (at this time the hauler is “Waste Express”) will be called in a timely manner as necessary to ensure that the barrels are emptied, or every 30 days, whichever is necessary.
5. Putresibles, including food waste and sludge. If putresibles are found, they will be returned to the hauler or ECR will dispose of at the approved Metro facility.
6. Petroleum and petroleum contaminated soils. If petroleum contaminated materials are found, they will be returned to the hauler or ECR will dispose of them at an approved Metro facility. These may include any acceptable type of materials with any petroleum on it.
7. Friable asbestos containing waste materials such as lath and plaster, suspect insulation, and HVAC white cloth tape will be immediately reported to a yard supervisor who will then initiate the procedures listed on page 30 under Emergency Handling of ACWM (Asbestos Contaminated Waste Materials) on tipping slab. If these materials are found, they will be returned to the hauler or

isolated for removal by a DEQ approved hazardous materials removal contractor such as those listed on page 26.

8. Electronic equipment and CRT's will be placed into the containers near the scale. The containers are for staging until the units are stacked on pallets and shrink wrapped. Customers may drop off computers, monitors, televisions, fax machines, printers and copiers. ECR recycles monitors and televisions as whole units only. They are kept off of the ground, and are stacked in rows on wooden pallets. Each loaded pallet is shrink wrapped and loaded into transport containers for shipment. The various components are source separated and are placed in Gaylord boxes where they accumulate until the respective box is full.

Examples of these source separated items are printers, fax, phones, copiers, tape players, and other electric items. The full box is weighed and made available for shipment to a DEQ approved customer. All residual metal, metal chassis and plastic outer shells are transported to the appropriate areas at ECR and processed into recyclable products for shipment to customers. All electronic items collected at ECR are completely 100% recycled and shipped off ECR property. ECR employees receive training from the yard supervisor as to the process of electronic waste dismantling. This includes awareness of appropriate safety component identification, and clean-up procedures.

A spill control station is located in the Production Office. Contained within this station is personal protective outerwear for employees as well as items necessary to clean up and dispose of any hazardous waste in the event of TV or Computer monitor CRT's being broken during processing.

Contents of Spill Control Station as follows:

- Hydrofluoric Acid Neutralizer
- Standard recovery bags
- Chemical goggles
- Sorbent pads
- Hazardous waste bags with labels
- Gloves
- Saranex Laminated Coveralls

9. Fluorescent light tubes and fixtures are not accepted at ECR and are treated as hazardous waste. Any unacceptable material found on the tipping and sorting slab will be kept isolated from other material around it. It will then be pushed to a close location as the situation requires and covered with a tarp until it is removed. Unacceptable material will always be isolated with as little movement as possible, so as to limit any possible contamination with other materials around it.

Because of this, ECR's isolation areas are not permanent and become the area where the contaminated material is dumped and thus are not usually the same place twice. If material dumped on the tipping slab is suspected of being ACWM, a sample will be sent to a Certified Lab. If the results are positive then an Abatement contractor, listed on page 27 will be called to handle the load for proper disposal. If the results are negative the material will be handled as general waste. The General Manager will notify DEQ in writing at the time of the sampling and report the findings back to ECR.

ECR's employee training program includes methods of recognizing potentially prohibited materials and policies for

resolution. The list of prohibited materials is prominent posted in the receiving and tipping areas. ECR's policy is to reject any material that appears to be prohibited.

C. MATERIAL RECEIVING AND PROCESSING

C.1 TIPPING AND INSPECTION

After passing over the incoming scale, material is off loaded at one of three tipping slabs. The recyclable materials such as wood, cardboard, and metal are hand picked out and moved to the proper area for distribution. Recyclable material is stored long enough for a full load to be delivered to a facility that handles that particular item. Residential waste is pushed into a pile, and then loaded into a trailer to be hauled to Hillsboro Landfill within 48 hours.

All incoming loads are inspected three times. First, the scale house operator will inquire about the nature of the load and tell the driver what is not acceptable. The operator will also look for prohibited materials and will be cognizant of odors from unacceptable waste, i.e. putrescibles, hazardous waste, tires, or batteries. If the load is rejected at this point, the operator of the scales will enter the rejected load information into a book and provide this figure in the monthly information ECR will provide to Metro and DEQ. If possible, company name and time of day will be provided. If the hauler can not identify the contents of the load, ECR's spotter will inspect it. If the load is a closed or packer vehicle, the gates will be opened for inspection on the tipping slab.

The second inspection occurs after the load is weighed and before unloading, on the tipping slab. Should the load be rejected at this point, a copy of the cancelled weight slip will be put in a file and Metro and DEQ will receive copies of these monthly. The slip will

contain date, time of day, hauling company and truck number. If it is a cash customer, as much of the information above will be provided in writing to Metro and DEQ of a form labeled Rejected Load Report Non-commercial Account. (See Appendix B)

The third inspection occurs when the load is tipped. At this point if the load has hazardous waste, any prohibited materials (or more than 300 pounds or 5% (the lesser) of putrescible waste for commercial loads), the unacceptable waste will be given back to the hauler. Should the material be unknown or potentially hazardous and the hauler has already left ECR, ECR will reject it and isolate it to an isolation area. ECR will contact the hauler to return to ECR And remove the rejected load, or contact a Hazardous Waste Abatement contractor for removal.

C.2 LOAD REJECTION

Load rejection at points one and two noted above are managed by refusing to allow the load to be tipped, and record keeping as described. If nonacceptable material is found after tipping, the yard supervisor will implement the following procedures:

1. The material will be re-loaded onto the haulers vehicle if possible, and records noted as described.
2. If the unacceptable material cannot be reloaded onto the haulers vehicle, or if the hauler does not respond to a notice to remove the material, a third party hauler will be hired to remove the material to an approved Metro facility.

Unacceptable material will be kept isolated on the tipping slab from other acceptable material using as little movement as possible. Once isolated, the unacceptable material will be covered

with a tarp labeled “Isolated Material”. All other material will be kept away from this “Isolated Material” pile. The Yard Supervisor will follow the procedures explained to remove the unacceptable material. The original hauler will be responsible for all costs associated with the removal of said material. The hauler will be sent written notice of the dumping of unacceptable waste and the disposition of said waste. Metro and DEQ will be given copies of all written notices sent to haulers on a monthly basis.

All loads that are rejected on the tipping slab are recorded on rejected load form. (See Appendix C) The form is filled out either by the operations manager or the supervisor who rejected the load. After the form is filled out, it is turned into the administrative office. A copy is placed in a reject load file in the administrative office. Copies of said form are then sent to Metro and the DEQ. It should be noted that loads which are rejected at the scale house are not reported as rejected loads. Our reasoning for this is as follows: The scale house is the first point at which a customer can inquire whether we are able to accept their load. If it is determined at the scale house that we can not accept a particular load, the load has not proceeded to the tipping slab, and thus the customer was not trying to dump items for which will be rejected. ECR is only informing the customer at the scale house that we cannot accept their load and they need to take it to another facility.

C.3 MARGINAL LOAD HANDLING

Should a commercial load be acceptable but start to approach a threshold of 5% or less than 300 lbs. of putrescible waste, a load report, which is included in this plan, will be sent to the hauler. Copies of the weight slip and the form letter will be provided to DEQ and Metro on a monthly basis.

C.4 PROCESSING PROCEDURES

Loads enter the site from NE San Rafael Street and proceed to scale. From the scale, it proceeds to a tipping area. After a load is tipped at one of three tipping slabs, it is sorted by hand and by machine. Recyclable materials are sorted by type and loaded into containers or stored in stockpiles. Wood and other organic material is stockpiled and ground, and then stockpiled for sale. Similarly, asphalt and concrete are stockpiled, crushed and stored for sale.

C.5 AGGREGATE PROCESSING

An integral part of ECR's processing is the aggregate crushing and processing. Source separated inert loads, as well as inert materials from the sorting slabs are unloaded in the crushing area. Loads are inspected as described in C.1 above. After inspection, materials are crushed and made into a construction base rock product. The product is temporarily stored on site until sold. ECR is allowed 1% of its crushed rock aggregate to be gypsum/wallboard. ECR regulates the amount of wallboard going into the aggregate mix in the following way: A front end loader with a 2-yard bucket loaded with wallboard/gypsum scatters its load over feed stock expected to yield 200 yards of finished product. ECR checks this ratio by transporting finished aggregate product to a holding pile with a 5-yard bucket frontend loader. By keeping track of the amount of transfer loads, future adjustments up or down can be made in the amount of gypsum/wallboard added to maintain a 1%.

Example: 40 transfer loads equals one wallboard/gypsum load.

C.6 ROOFING WASTES

ECR accepts both wood and fiberglass/asphalt roofing. All roofing loads will be inspected at the scale to ensure no built-up roofing is accepted. All fiberglass/asphalt roofing is cleaned of metal, wood, plastic to be loaded out for recycling.

All wood shakes and shingles received are stored in a separate area away from the tipping slab. They are accumulated until such time that they can be processed into a full customer load. ECR does not intend to process any 3 tab roofing shingles with the wood shingles it recovers in its recycling operations. Any that would appear in a wood shingle processed pile should be considered “rogue items” which were not intended to be part of the recovery process. Any quantities of processed wood shingles found to contain unacceptable amounts of 3 tab asphalt material will be removed and disposed of.

After enough wood shingles are accumulated, they are ran through a crushing process which allows gleaning of undesirable contaminants by employees. These contaminants are either further processed for recycling or sent to the landfill. The remaining product is used to enhance other recyclable wood products.

C.7 WOOD RECYCLING FOR HOG FUEL

ECR will accept source separated clean wood for the purpose of grinding for hog fuel. Wood sorted from mixed and C/D loads will be ground into hog fuel. Wood for hog fuel can consist of clean lumber, pallets, engineered lumber, yard debris and wood with minimal paint. No stained, treated, heavy painted, or creosote wood will be ground for hog fuel. Wood is ground directly into

possum belly trailers and tarped once loaded. Possum belly trailers are delivered to an approved vendor for hog fuel.

C.8 TREATED CREOSOTE WOOD WASTE

All creosote treated wood wastes are accepted and processed as follows:

- 1) Creosote wood is tipped on a surface impervious to ground water (i.e. concrete or asphalt).
- 2) The load is tipped near the residue pile and loaded out destined for disposal. The creosote wood is reduced through the Terminator and loaded directly into residue transport trailers destined for landfill.
- 3) Immediately after tipping (of the creosote treated wood), the load will either be loaded directly into a trash trailer if we are actively loading trailers, or it will be covered with a tarp and secured from rainwater contamination until we resume loading trash trailers.

C.9 MATTRESS RECYCLING

ECR receives many pieces of box springs and mattresses daily. These items are processed in the Mattress area which is a 3-sided building. Processes to recover recyclable materials such as wood, foam, and metal are conducted by machine designed by ECR. These recyclable materials are further processed and marketed by ECR. This happens as long as it is economically feasible.

C.10 APPLIANCES

ECR accepts appliances for recycling at its north end metal operations area. Examples of acceptable appliances ECR handles are as follows:

- Refrigerators (Non-Freon containing)
- Air Conditioners (Non-Freon containing)
- Stoves
- Dishwashers
- Washer/Dryers
- Misc. Small Appliances

ECR does not accept Freon containing appliances from the public and will refer customers to approved removal company.

Freon containing appliances that are accepted from commercial customers will be separated and stored away from the tipping slab. ECR will utilize an EPA registered refrigerant licensed third party to evacuate the Freon from Freon containing appliances.

Trained ECR employees will remove motors, compressors and rogue capacitors from all appliances and placed in liquid tight containers. Employees take special care not to disturb any capacitors attached to motors as these items can contain lead, mercury, and possibly PCB's. These items can also contain small amounts of oil. Petroleum absorbent pads are kept in the gray container at the North End metal area to clean up any unexpected oil spills.

Used absorbent pads are given to the supervisor who disposes of them with our current Hazardous Waste Company (See pg. 31).

Once appliances are “De-Commissioned” or cleaned from potential hazards, they are processed through machinery into metal logs. These metal logs are then sold to metal processing plants.

C.11 RESIDUAL CONSOLIDATION

ECR will reduce the size of the residual being loaded into transportation trailers using a slow speed high torque Terminator brand waste reducer -- mitigating damage to trailers under current loading process.

Due to the extraneous damage to transportation trailers by the oversized residual material, we have limited access to trucking vendors. By consolidating the residual in this manner, we will get extra trailers because of the reduced damage which enables us to attract more vendors. In addition to mitigated trailer damage, vendors will also experience less time and damage at the landfill tipper due the reduced size of material -- creating more revenue for ECR vendors, and reducing their carbon footprint.

This new process will also allow us to recover more ferrous metals because of the slow speed high torque grinder that has a cross-belt and head pulley magnet. Material will cross under and over these magnets respectively before entering the trailer.

SECTION IV

STAFFING

A. GENERAL LEVEL OF EMPLOYMENT

Staff at ECR fluctuates with seasonal volume changes, but generally includes the following categories and number of workers:

- | | |
|-------------------------|----|
| 1. Management: | 2 |
| 2. Administrative: | 4 |
| 3. Scale Operators: | 3 |
| 4. Sorters: | 60 |
| 5. Equipment Operators: | 20 |

Staff training, particularly in prohibited waste management, is provided by an annual off-site seminar for key individuals. The information provided in this one-day seminar is presented to the other staff at monthly safety meetings. Since many of the sorting staff speaks primarily Spanish, ECR maintains at least one management level employee fluent in Spanish, and key written materials are provided in both English and Spanish.

B. DESCRIPTION OF DUTIES

B.1 GENERAL MANAGER

This position is responsible for the coordination and integration of all activity on the site.

The General Manager's responsibilities include, but are not limited to:

1. Oversee the general operation of the site.
2. Formulate and develop rules, regulations, work methods and procedures. Monitor and review work activities and performance.

3. Coordinate expenditures for day-to-day operations, and if necessary, supervise the preparation of projected facility improvements.
4. Receive and investigate complaints of citizens and recommend remedial action as appropriate.
5. Lead tours of the site for pre-arranged individuals or groups.
6. Ensure adequate site security.
7. Overall responsibility for health and safety and environmental compliance.
8. The General Manager is responsible for planning and directing the work of the Operators, Technicians, and laborers involved in the processing of waste received at the facility. Work involves planning and scheduling employees and equipment in order to ensure full coverage, developing new and improved methods of handling, recycling, and compacting acceptable wastes; and providing technical, as well as functional assistance and guidance to subordinates. When the General Manager is not on-site, the Supervisor also performs the function of General Manager with responsibility for the operation of the overall facility.

B.2 SUPERVISOR

Supervisors directly supervise Equipment Operators and Laborers. The Supervisor is a working position in designated areas responsible for ongoing supervision, and direction of the area's workers. This person ensures safety, quality, and performance standards are being met and provides training as required. The

Supervisor may also assist the General Manager in scheduling workers and other tasks that may be delegated.

B.3 SPOTTERS

Spotters are responsible for visually inspecting waste and recyclables as it is being unloaded in the facility. They look for any suspicious or unacceptable materials, and use good faith efforts to identify the person or persons who delivered the material. They may respond to minor incident containment or cleanups and will call the General Manager or Supervisor in the event of any major incidents. They will receive initial training in safety and hazardous waste identification and handling procedures.

B.4 EQUIPMENT OPERATORS

This position is responsible for the safe and efficient operation of heavy or specialized equipment with complex controls that require considerable manipulative skills. Duties include manual tasks associated with equipment operation assignments. Assignments involve a varying degree of responsibility for the safe operation of the equipment and the safety of others working with the equipment. Training for the equipment is provided to Operators by the appropriate supervisor.

B.5 LABORER

The laborer position is utilized in the facility in a few basic functions, such as:

1. Ensure that the quality of recyclable materials is maintained at a minimum standard, prior to being directed to its designated area.

2. Facility and equipment cleaning and litter patrol functions.
3. Segregate and remove recyclable materials and reject materials from designated waste loads.
4. Assist the general public in identifying materials and designating the proper areas for disposal.
5. Assist in cleaning and maintaining the facility.
6. Perform other facility functions as directed by supervisors.

B.6 OFFICE ADMINISTRATOR

This position involves varied administrative work, supporting the General Manager and Supervisors as required. The responsibilities of this position include, but are not limited to:

1. Preparing monthly, quarterly, and annual reports as required.
2. Work with Company accounting personnel to prepare on-site records for central processing.
3. Perform reception and telephone operator functions.
4. Perform special duties as directed.
5. Procure necessary supplies and equipment for field and office functions.
6. Coordinate record keeping and data management with scale house personnel.

B.7 SCALE OPERATOR

This position is responsible for the operation of the scale, the processing of the vehicles through the entry area, the charging and collection of material fees and directing customers to appropriate areas of the facility.

The Scale Operator is required to have knowledge of the computer and records system, as well as the ability to identify material types, including recoverable materials. This position will also be the primary point of contact with the general public and will require good public relations skills.

Specific responsibilities include:

1. Opening and closing the material receiving/records system on a daily basis.
2. Operating the scale and managing the flow of receipts and records required between the facility and the commercial waste hauling trucks.
3. Receiving the general public as they enter the facility and making judgments as required about incoming material to determine fees.
4. Managing cash transactions; maintaining proper records and receipts to ensure that cash received are fully accounted for.

C. TRAINING PROGRAM

ECR maintains a training program designed to educate employees about the overall functioning of the facility, their responsibilities, identification of unacceptable materials, hazards associated with facility operation functions, and methods to minimize such hazards. This program also educates employees about the existence and location of safety equipment, personal protective gear, emergency directories, and the response procedures to follow in the event of an emergency.

This training program is given to all new supervisors when they are hired. All supervisors are given the training program every 12 months. The General Manager conducts the training seminars (See Appendix A).

ECR also provides a training course in identifying and handling Asbestos Contaminated materials which is conducted by PACE Professional Affordable Continuing Education. All new supervisors are required to be trained. General Manager will take continuing education and retrain all supervisors annually.

Supervisors are responsible for the training of their crews of workers to identify potential hazards and unacceptable waste at ECR (See Appendix A).

Selected employees will receive annual specialized training off-site directly related to safety and identification of hazardous materials. ECR's basic training program is as follows:

<u>Item</u>	<u>Frequency</u>
Orientation for new employees on the facility Safety programs, basic personal safety instruction and emergency contingency plan	Hire date and Position Change (if required)

Regularly scheduled safety meetings	Bi-Monthly
First aid instruction- staff members	2 years or as required
Hazard Communication Training	Hire date and annual
Fire prevention and firefighting instruction	Annual

D. SUBCONTRACTORS

LICENSED ASBESTOS ABATEMENT FIRMS

Foss Environmental
4611 N. Channel Avenue
Portland, OR 97217
(503) 286 4656

Asbestos Control Group, Inc.
19386 SW 55th Ct.
Tualatin, OR 97062
(503) 692-5174

Clearwater Environmental Services, Inc.
30240 SW Parkway, Suite 3
Wilsonville, OR 97070
(503) 582-1951

Global Pacific Environmental
1919 W. 39th Street
Vancouver, WA 98660
(360) 993-4479
(503) 223-4401

LICENSED FREON RECOVERY FIRMS

Performance Air

800 NE Tenney Road Suite 110-516

Vancouver WA 98685

360-771-0647

Jaco Environmentally

13444 NE Jarrett St.

Portland OR 97230

503-252-9035

SECTION V

SPECIAL WASTE MANAGEMENT PLAN *ASBESTOS CONTAINING WASTE MATERIAL*

A. DEFINITIONS & LABELS

A.1 ACWM Asbestos containing waste material.

A.2 Friable Asbestos material means any asbestos containing material that can crumble, pulverize or be reduced to powder by hand pressure.

A.3 Non-Friable Asbestos containing material means any asbestos containing material that cannot crumble, pulverize or be reduced to powder under hand pressure.

A.4 Open Accumulation means any accumulation including interim storage of Friable and Non Friable asbestos containing material.

B. TRAINING

The training program at ECR will be of an ongoing instructional nature.

B.1 Supervisors will be required to attend an annual seminar conducted by an outside Provider of Asbestos Awareness Training. These seminars will be provided by ECR's General Manager and completion certificates will be on file in the ECR office and will be made available to the Department of Environmental Quality.

B.2 The General Manager will quiz each Supervisor to insure that he/she is fully competent in the identification of Friable and Non-Friable asbestos materials most likely to enter the ECR MRF.

C. SIGNS

The following will be posted at the entrance to ECR

C.1 Signage indicating that ACWMs are not allowed to be dumped at ECR

C.2 Signage indicating that asbestos containing waste materials requires special handling by ECR

C.3 All loads originating from a demolition or renovation project must be verified as to the source.

C.4 ECR requires an Asbestos Survey Report on all verified demolition or renovation loads brought to ECR for disposal.

C.5 Special charges will be assessed to loads containing ACWM requiring emergency clean up procedures.

D. PROCEDURES FOR HANDLING ACWM

INSPECTION

Scale house personnel will ask the following questions on loads suspected to be of a demolition or renovation origin:

- 1) Are you a contractor?
- 2) Where did the load originate from?
- 3) Has there been an Asbestos Survey done on this material?
- 4) Does this load contain any of the following?
 - a. Lath & Plaster (Friable)
 - b. Asbestos Fiber Board (Non Friable)
 - c. Linoleum Flooring (Non Friable)
 - d. Asbestos Insulation (Friable)
 - e. Any material containing asbestos
- 5) Request a copy of the asbestos survey from customer

E. INITIAL

HANDLING OF DEMOLITION AND RENOVATION LOADS.

- 1) Any load found to contain Friable or Non-Friable Asbestos containing material upon initial inspection at the scale house will be rejected from dumping at ECR
- 2) Fact sheets provided by the Oregon Department of Environmental Quality entitled, “How to determine if your waste is hazardous” will be made available in the scale house. These hand-out sheets inform customers that it is their responsibility (and not ECR’s) to determine if they have any hazardous waste in their loads and how to properly dispose of it. This information will be given upon customer request. (See Appendix “D”)

- 3) Scale house personnel may also give out such information sheets as they deem appropriate.

F. EMERGENCY HANDLING OF ACWM ON TIPPING SLAB

Any load found to have ACWM prior to dumping on the tipping slab but after the initial scale house inspection will be rejected. If however the load is dumped and found to contain asbestos, the following procedure will be put into effect:

F.1 Friable ACWM:

- a. The supervisor will direct employees selected to work with ACWM to immediately pick up and wear safety rated asbestos respirators from the scale house inventory.
- b. These selected employees will then wet the ACWM with a spray of water.
- c. The material will be isolated from all other material on the tipping slab at the direction of the supervisor.
- d. The ACWM will be covered with a tarp labeled Hazardous. This tarp will be secured to the ground with heavy weights so as not blow away in the wind. This tarp will be kept in the scale house and disposed of each time it is used. Disposal to be done by ACWM Abatement Contractor called to dispose of the ACWM under it.
- e. The General Manager will be notified of the ACWM and arrange for the licensed abatement contractor to come and dispose of the contaminated material.
- f. The supervisor will collect the safety respirators from the directed employees. The supervisor will return the safety respirators to the scale house where they will be stored in appropriate containers.

- g. The General Manager will notify the Department of Environmental Quality of the ACWM load and if possible, it's origin.

F.2 Non Friable ACWM will be handled in the same manor as Friable ACWM.

G. STORED ACWM

- 1) There will be no ACWM stored on ECR's property at the any time except as necessary while awaiting the arrival of an Abatement Contractor.
- 2) All material stored during these periods will be segregated from the main flow of all tipping sorting operations and covered with a tarp with as little movement as possible. The segregated ACWM pile will be covered with a tarp labeled "Isolated Material". All ongoing sorting and tipping operations will be kept clear of the isolated pile.
- 3) The General Manager will make all possible attempts to schedule an abatement contractor to remove any isolated ACWM loads on the same day they are received. The General Manager will notify Metro and DEQ immediately as to the removal time and again when the removal has occurred.

H. TRAINED PERSONNEL

ECR has 5 supervisors; all with training is asbestos identification. Any new or replacement supervisor will be sent to receive training on asbestos identification. The General Manager of ECR will educate all Supervisors as to company policies of handling ACWM. All company personnel will be schooled in asbestos identification by first the General Manager and then by the Supervisor in the yard as situations arise. There will always be at least one asbestos trained Supervisor on duty.

SECTION VI

DISPLAY OF PERMITS AND LICENSES

The following permits and license are posted in the ECR main office:

1. Contractors Business License (Metro)
2. City of Portland Business License
3. State of Oregon Boiler Permit

A. HOURS OF OPERATION

Summer Hours

7 a.m. to 7 p.m. Monday – Sat.

7 a.m. to 6 p.m. Sunday

Open to the Public

Winter Hours

7 a.m. to 6 p.m. Monday – Sat.

7 a.m. to 5 p.m. Sunday

B. CLOSURE PLANS

B.1 SHORT TERM CLOSURE

ECR does not anticipate any closures greater than one day.

However in the event of a short term closure, the facility would contact Metro and DEQ as to length of closure. The facility would be manned by security for the entire duration of the closure. Material will be hauled off site as needed.

B.2 LONG TERM CLOSURE

In the event that ECR would have to close for greater than 30 days, ECR would contact Metro and DEQ with the details for the closure

and length of closure. Any material would be transported to approved destinations. The Gate would be locked with a posted sign referencing length of closure and contact information. Security would be on site for the duration of the closure to ensure no dumping of materials on or around San Rafael Street.

B.3 EMERGENCY CONTACTS

Steven Desemple	(503) 573-9782
Vince Gilbert	(503) 320-3326

C. PERSONAL PROTECTIVE EQUIPMENT

All persons working in the yard in any capacity employed by ECR will be issued and must wear the following:

- a) Safety Glasses
- b) Hard Hat
- c) Safety Vest
- d) Metal insoles for boots
- e) Ear plugs (optional)
- f) Dusk masks (optional)

If the situation arises requiring any additional Personal Protection Equipment, as in dealing with ACWM; Special gear will be given to personnel involved at the direction of a Supervisor.

D. ON SITE EMERGENCY EQUIPMENT

ECR has fire extinguishers and first aid equipment throughout the facility as appears in figure 3.

E. SPILL PREVENTION

ECR maintains its equipment in a manner which has the specific goal of not having any fuel or oil leaks. Supervisors and workers are constantly watching machines as they are working to identify any leaking oil or fuel. Liquids encountered on the tipping slab are immediately identified and the appropriate measures are put into effect in order to contain and clean up the spill. See “F. Spill Response”.

ECR stores all unused oil and fuel in source specific containers. All unused waste oil is deposited in a specific tank for pump out by a certified disposal contractor (currently “Waste Express”). All oils and fuels are clearly marked as to their identity on the containers in which they are stored.

F. SPILL RESPONSE

ECR keeps the following spill response equipment which is located in the Con-Ex storage container next to the shop area. Appropriate labeling identifies said equipment.

G. SPILL RESPONSE EQUIPMENT

1. Absorbent pads
2. Oil/Grease sweep
3. 11 milliliter plastic bags
4. Designated 55 gallon drums
5. Flat head shovels
6. Push brooms
7. Vinegar/water solution

ECR employees are directed by supervisor to clean all liquid spills. All batteries will be taken to the Battery Storage Area and any spilled electrolyte will be neutralized by solution of vinegar and water. Oil, fuel, and paint spills will be absorbed by either absorbent pads or absorbent particulates and put into 11 milliliter plastic bags.

The site safety officer will be notified of the spill and arrange for the disposal of the contaminated waste bags through an Abatement Contractor appearing on page 21 of this plan.

In the event that the spill should approach or exceed 42 gallons of liquid, ECR's Site Safety Officer will notify the Oregon Emergency Management Division at 1-800-452-0311 and the National Response Center at 1-800-424-8802. ECR's Site Safety Officer will send a full report to the ODEQ within 15 days of the incident.

APPENDIX “A”

1. Personal Protective Gear
 - a) Hard hats
 - b) Safety goggles
 - c) Vests
 - d) Metal insoles
 - e) Hearing protection
 - f) Dust masks
 - g) Gloves
2. Falling Hazards
 - a) Climbing residual piles
 - b) Unsafe ladders
 - c) Climbing into machinery
 - d) Caution along walls
 - e) Caution around trailers
3. Weather related items
 - a) Cold
 - 1.Warm clothing
 - 2.Good gloves
 - 3.Waterproof raingear
 - 4.Slippery surfaces
 - 5.Mud
 - b) Hot
 - 1.Dust masks
 - 2.Water breaks
 - 3.Problems with other workers
4. Hazardous
 1. Asbestos
 2. Liquid
 3. Batteries

APPENDIX “B”

ECR – REJECTED LOAD REPORT **NON-COMMERCIAL ACCOUNT**

DATE: _____

CUSTOMER: _____

REJECTION TYPE: _____

REASON: _____

COMMENTS: _____

APPENDIX “C”

Environmentally Conscious Recycling, Inc.

P.O. Box 20096

Portland, OR 97294

Phone: (503) 253-0867

Fax: (503) 253-1902

REJECTED LOAD REPORT COMMERCIAL

Date: _____

Company: _____

Address: _____

Phone: _____

Truck#/Description: _____

Reason for Report:

Customer left yard: YES / NO

Disposition: _____

Abatement Contractor: _____

Phone number: _____

APPENDIX “D”

How to determine if your Waste is Hazardous.

Fact Sheet by DEQ

State of Oregon Department of Environmental Quality
Land Quality Division
811 SW 6th Avenue
Portland, OR 97204
Phone: (503) 229-6753
(800) 452-4011
Fax: (503) 229-6977
Contact: Rick Volpel
[www:deq.state.or.us](http://www.deq.state.or.us)

Background

Federal and State of Oregon hazardous waste regulations are designed to ensure that the generation, transport, treatment, storage and disposal of hazardous wastes are conducted in a manner that protects human health and the environment.

This guidance document will assist you in properly identifying all wastes that you generate, treat, store or send off-site for recycling, energy recovery or disposal as hazardous waste. For a complete description of the waste determination requirements, please refer to the regulations found in Oregon Administrative Rules (OAR) 340-101 and the Code of Federal Regulations (CFR) Title 40 Part 261.

As a waste generator, you must:

- Determine if your waste is a hazardous waste, and then:
- Ensure that your waste is managed properly.

Waste management service companies may offer to perform or assist you, the generator, with your hazardous waste determination. However, the waste generator has the ultimate responsibility for any mismanagement of their hazardous waste. Failure to do an adequate waste determination is the number one violation cited by DEQ hazardous waste inspectors. Failure to perform a proper waste determination can result in mismanagement of your waste, often leading to damage to the environment or human health.

How to perform a hazardous waste determination: A three-step process

Performing a waste determination is a three-step process. An adequate waste determination requires you to know:

- Is the material a solid waste?
- If the material is a solid waste, is it exempted or excluded from management as a hazardous waste?
- Is the waste a listed, characteristic or state-only hazardous waste

STEP 1: Determine whether the material is a solid waste.

The term "solid waste" can be somewhat misleading. The word "solid" does not refer to the physical state of the waste. Solid waste can be a solid, liquid, or contained gas. Under the Resource Conservation and Recovery Act (RCRA), a solid waste is any material that you will no longer be using for its originally intended purpose and will be discarded or a material that must be reclaimed, or processed, before reuse. For any material to be a hazardous waste, it must first be a solid waste.

STEP 2: Determine whether the waste is exempted or excluded from hazardous waste regulation.

Not all solid wastes are considered hazardous wastes. Certain wastes, such as household wastes or used oil destined for recycling, are exempted or excluded from the hazardous waste definition and regulation. Do not proceed to Step 3, which is evaluating the actual chemical or physical hazard a waste poses, until you've determined the waste is not somehow excluded from hazardous waste regulation. Wastes excluded or exempted can be found in CFR Title 40 Part 261.4 and 261.6 - 261.9 and OAR 340-101-0004.

Note: Even if you've determined your waste is excluded from hazardous waste regulation, you should re-evaluate your status periodically to verify that conditions affecting the composition of your waste have not changed. You also need to document that exemption or exclusion in your files. (See 40 CFR 268.7(a)(7) for these requirements.)

STEP 3: Determine if the waste is hazardous.

This step involves evaluating the waste against the regulatory definition of hazardous waste. There are three possible ways in which your waste can be considered hazardous:

1. If you find your waste is not exempted or excluded from hazardous waste regulation, you must determine if the waste meets *one or more* of the hazardous waste listing descriptions found in 40 CFR Part 261 Subpart D:

F-listed wastes: 40 CFR 261.31 lists hazardous wastes from non-specific sources (termed "F-listed wastes" after the F prefix in the hazardous waste code). An example would include F002 wastes—spent halogenated solvents (e.g., perchloroethylene, trichloroethylene, methylene chloride).

Last Updated: 02/06/07 By: R. Volpel

K-listed wastes: 40 CFR 261.32 lists hazardous wastes from specific sources, such as K062 waste spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry.

P- and U-listed wastes: 40 CFR 261.33 lists discarded or unused commercial chemical products, off-specification products, container residues and spill residues of such products. Examples of these wastes include the unused commercial chemical products of mercury, potassium cyanide, creosote and phenol.

2. If you determine if the waste is not a listed hazardous waste, you must conduct waste sampling and analysis, or apply generator knowledge of the process of the materials used to produce the waste to determine if it exhibits any of the four characteristics of a hazardous waste:

Ignitability: A waste is ignitable if it:

- Is a liquid and its flash point is less than 140° F (60° C), or
- Is an oxidizer or an ignitable compressed gas as defined by the U.S. Department of Transportation regulations in 49 CFR Part 173, or
- It has the potential to ignite under standard temperature and pressure, and burn persistently and vigorously once ignited.
- Wastes that are ignitable are classified as EPA Hazardous Waste Code D001. Examples of ignitable wastes include certain spent solvents, such as mineral spirits.

Corrosive: A waste is corrosive if it is:

- Aqueous and its pH is less than or equal to 2.0 or greater than or equal to 12.5, or
- A liquid that corrodes steel at a rate of more than ¼ inch per year.
- Corrosive wastes are designated as EPA Hazardous Waste Code D002. Examples of corrosive wastes include spent sulfuric acid and concentrated waste sodium hydroxide solutions.

Reactivity: A waste exhibits reactivity if it:

- Is normally unstable and readily undergoes a violent change without detonating,
- Reacts violently with water,
- Forms potentially explosive mixtures with water,

- Produces toxic fumes, gases, or vapors when mixed with water in a quantity sufficient to present a danger to the environment,
- Is a cyanide or sulfide bearing waste that when exposed to a pH between 2.0 and 12.5, produces toxic fumes, sufficient to present a danger to the environment,
- Is capable of detonation or explosive reaction if it is subjected to a strong initiating source or heated under confinement,
- Is readily capable of detonation or explosive decomposition or reaction under at standard temperature and pressure, or
- Is a forbidden explosive or a Class A or Class B explosive as defined in 49 CFR Part 173.

Wastes that exhibit the characteristic of reactivity are classified as EPA Hazardous Waste Code D003. Examples of reactive wastes include pressurized aerosol cans and certain cyanide or sulfide-bearing wastes.

Toxicity: The toxicity characteristic of a waste is determined by having a laboratory analyze an extract of the waste using the Toxicity Characteristic Leaching Procedure (TCLP).

The results of the analysis are compared to the regulatory limits of 40 constituents, primarily heavy metals, organic compounds, and pesticides/herbicides. If the extract from the TCLP contains levels of any of the 40 constituents at or above regulatory limits, the waste is considered a hazardous waste. Wastes that exhibit the toxicity characteristic are classified as EPA Hazardous Waste Codes D004 through D043.

Examples of toxic wastes include contaminated soils and sludges, waste solvents, paint residues, wastes from chemical manufacturing and pesticide/herbicide wastes.

State-only hazardous wastes

If a solid waste is not excluded and is not a Federal hazardous waste as listed above in A & B, it may be an Oregon State-only hazardous waste. Oregon Administrative Rule (OAR) 340-101-0033 lists wastes that are State-only hazardous wastes. State only hazardous wastes include pesticide residues and mixtures of wastes containing constituents of Federal P (3%) & U (10%) listed wastes (see lists in 40 CFR 261.31 and 261.32).

Waste sampling and analysis

Sampling and analysis of the waste may be necessary to complete the determination. Waste sampling and analysis, may be necessary when:

- You begin a new process or change an existing one;
- You have not provided appropriate laboratory information to an off-site treatment, storage and disposal facility;
- You are not able to determine with available information the chemical makeup of your waste stream;
- An off-site hazardous waste facility has reason to believe the wastes you shipped were not identified accurately;
- EPA amends RCRA waste identification/classification rules; or
- A facility receives your waste for the first time.

Sampling and analysis of the waste is more accurate and defensible than other options such as using knowledge of process.

Procedures and equipment for obtaining and analyzing samples are described in EPA's "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" SW-846, 3rd Edition.

DEQ recommends that you prepare a sampling and analysis plan before sample collection and testing. Chapters 1 and 9 of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" SW-846, 3rd Edition are excellent sources of information on sampling and analysis.

Note: In making your determination, be sure to include all applicable waste codes whether it is a listed hazardous waste, characteristic hazardous waste or a combination of both listed and characteristic hazardous waste.

Obtain a representative sample

A representative sample is defined as a sample of a universe or whole that can be expected to exhibit the average properties of the universe or whole.

A representative sample from each waste stream is required to properly characterize a waste using sample analysis. Methods for statistical determination of a valid number of samples, recommended sampling methods, sampling strategies and applicable sampling equipment also can be found in Chapter 9 of SW-846.

Generator knowledge of the process or materials that produced the waste

Another method to use in your waste determination is generator knowledge of the waste. Generator knowledge can be used to meet all or part of the waste analysis requirements, and can be defined broadly to include "process knowledge." Process knowledge may be information on the wastes obtained from existing published or documented waste analysis data or studies conducted on hazardous wastes generated by processes similar to that which generated your waste.

For example, comparing the specific process that generated your waste to those processes described in the listings rather than conducting a chemical/physical analysis of the waste identifies listed wastes. Therefore, with many listed wastes, generator knowledge is appropriate because the physical/chemical makeup of the waste is generally well known and consistent from facility to facility.

Note: The use of existing or historical records of analysis seems attractive as opposed to sampling and analysis due to the potential cost savings associated with using such information. However, you must ensure that this information reflects the current processes and materials being used, and that no differences exist between the process in the documented data and your own.

If you use generator knowledge alone or in conjunction with sampling and analysis, you must maintain detailed documentation that clearly demonstrates the information is sufficient to identify the waste.

Documentation used to support generator knowledge may include, but is not limited to:

- Material safety data sheets or similar documents,
- A thorough process description, including data on all raw materials used in the process, or
- Other forms of detailed documentation.

Documenting both the generator knowledge and any analytical data is essential. Information used to make the waste determination must be maintained for at least three years after the waste is generated.

Note: Concerning Material Safety Data Sheets (MSDSs) manufacturers and suppliers are only required to list constituents that comprise 1 percent or more of the material it addresses. This level of information may not be adequate to ascertain the constituent levels in the wastes to be characterized. Therefore, an MSDS should be viewed as a supporting document and not as the sole means of documenting generator knowledge.

Summary

Although DEQ recognizes that sampling and analysis are not as economical or convenient as using generator knowledge, they usually provide advantages. Because accurate waste determination is such a critical factor for demonstrating compliance with the hazardous waste regulations, misidentification can render your facility liable for enforcement actions with respect to land disposal restriction requirements, annual reporting and other requirements. In addition, accurate waste analysis is critical for meeting some of the requirements of other regulatory programs, such as effluent discharges under the Clean Water Act and transportation requirements administered by the Department of Transportation.

Be sure to:

- Keep current with the latest regulatory developments in the hazardous waste program that may affect the classification of your waste; and,
- Re-evaluate your wastes frequently using current analytical methods and/or process knowledge, particularly any time a rule affecting hazardous waste identification is finalized.

Need technical assistance managing waste?

DEQ technical assistance is available:

- Free on-site visits
- Free telephone consultations
- Hazardous waste training

DEQ technical assistance can help you:

- Understand how hazardous waste regulations apply to your business
- Determine which wastes are hazardous
- Complete reporting forms
- Manage wastes better
- Reduce disposal costs
- Minimize the waste you produce
- Determine what areas need improvement

If you would like DEQ technical assistance or have any questions about your hazardous waste determination responsibilities, visit our hazardous waste website at <http://www.deq.state.or.us/lq/hw/index.htm> or please contact the DEQ field office nearest you:

- Bend (541) 388-6146
- Medford (541) 776-6010
- Pendleton (541) 276-4063
- Portland (503) 229-5263
- Salem (503) 378-8240





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

02/22/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Bell Anderson Agency, Inc. 600 SW 39th St., Suite 200 Renton WA 98057		CONTACT NAME: Ariel Smiley Peterson, CRIS, TRIP PHONE (A/C, No, Ext): (425) 291-5200 FAX (A/C, No): (425) 291-5100 E-MAIL ADDRESS: arielp@bell-anderson.com	
INSURED Environmentally Conscious Recycling Inc PO Box 20096 Portland OR 97294		INSURER(S) AFFORDING COVERAGE INSURER A: Pioneer Specialty Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES**CERTIFICATE NUMBER:** CL22101354542**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			CPP127460601	11/01/2022	11/01/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Employee Benefits \$ 1,000,000
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			CPP127225401	11/01/2022	11/01/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Medical payments \$ 5,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000 <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE			UMB104636601	11/01/2022	11/01/2023	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 PER STATUTE OTH-ER
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y / N <input type="checkbox"/> N / A						E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of Insurance

CERTIFICATE HOLDER**CANCELLATION**Metro Waste Prevention and Environmental Services
600 Ne Grand Avenue

Portland

OR 97232

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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OFFICE OF
AUDITOR OF THE CITY OF PORTLAND

BOOK 1947 PAGE 1021

PORTLAND, OREGON 97204

ROOM 202
CITY HALL

COPY CERTIFICATE

STATE OF OREGON,
County of Multnomah,
CITY OF PORTLAND,

} ss

JEWEL LANSING Auditor of the City of Portland, do hereby certify that I have compared the following copy of CU 89-86, approving with conditions, allowance of a landfill and the collection, transfer, processing, and resale of waste by the East County Recycling Center as a community service in a Multnomah County MR-4-CS zone on lot 30, Hazelwood,

with the original thereof, and that the same is a full, true and correct copy of such original

CU 89-86

and of the whole thereof as the same appears on file and of record in my office, and in my care and custody, *along with required acceptance.*

IN WITNESS WHEREOF, I have hereunto set my hand and seal of the City of Portland affixed this *14th* day of *October*, 1986

Jewel Lansing

Auditor of the City of Portland

By *Doris E. O'Leary*

Deputy



CS-82/632

OCT 15, 1986

CITY OF
PORTLAND, OREGON

HEARINGS OFFICE

Hearings Officer
George H. Flecklage
1120 S.W. 5th Ave., Room 1015
Portland, Oregon 97204-1960
(503) 796-7719

REPORT OF HEARINGS OFFICER DECISION

SEPTEMBER 15, 1986

File No.: CU 89-86Applicant: Columbia Sand and Gravel, P.O. Box 20096, 97220, deedholder.Land Use Review: Allowance of a landfill and the collection, transfer, processing and resale of waste by the East County Recycling Center as a community service in a Multnomah County MR-4-CS zone.Location: The northeast corner of N.E. 122nd and San Rafael.Legal Description: Lot 30, Hazelwood.Quarter Section: 2843.Zones: Multnomah County MR-4 (Multifamily Residential) and CS (Community Service).Decision: Approval, with the following conditions:

- A. On-site retail sales of reprocessed materials (such as compost, carboard boxes, etc.) shall not be permitted.
- B. Existing and new recycling equipment shall be placed in an area and operated so as to not exceed the maximum noise level prescribed in the City's Noise Code.
- C. A Building Permit must be obtained from the Bureau of Buildings at the Permit Center on the first floor of The Portland Building, 1120 S.W. 5th Avenue, 97204, 796-7310, before carrying out this project, in order to provide a full review of the recycling operations by the Hazelwood Water District, the Portland Water Bureau, Portland Bureau of Environmental Services and other City bureaus, and to assure that all conditions imposed here and all requirements of the pertinent Building Codes are met.
- D. The applicant/owner shall construct sidewalks along both street frontages according to the requirements of the City Engineer within 36 months.
- E. Street trees shall be provided according to the requirements of the City Forester.
- F. Design Review is required prior to the issuance of a Building Permit for the recycling operations.
- G. Applicant shall take whatever action is necessary to assure that the operation does not result in muddy streets in the neighborhood.

Authority for Decision: Code of the City of Portland, Chapter 33.114.

OCT 15, 1986

Certified Copy of CU 89-86
To Be Recorded

084278

STATE OF OREGON }
Multnomah County

I, a Deputy for the Recorder of Conveyances, in and for said County, do hereby certify that the within instrument of writing was received for record and recorded in the record of said County

1986 OCT 15 PM 3:58

RECORDING SECTION
MULTNOMAH CO. OREGON

On Page

In Book
BOOK 1947 PAGE 1021

Witness my hand and seal of office affixed
Recorder of Conveyances

an Butts
Deputy

BOOK 1947 PAGE 1023

g Return to City Auditor

OCT 15, 1986



SOLID WASTE DISPOSAL SITE PERMIT: Material Recovery Facility

Oregon Department of Environmental Quality
700 NE Multnomah St., Suite 600
Portland, OR 97232-4100
503-229-5353
Email: solidwastepermitcoordinator.deqnwr@deq.oregon.gov

Issued as authorized by ORS 459.245 and in accordance with the provisions of [Oregon Revised Statutes Chapter 459, 459A](#), [Oregon Administrative Rules 340 Divisions 64, 90, 93, 95, 96](#) and [97](#) and subject to the Land Use Compatibility Statement referenced below.

Permittee:

Environmentally Conscious Recycling, Inc.
PO Box 20096
Portland, OR 97294
(503) 253-0867

Facility name and location:

ECR
12409 NE San Rafael St.
Portland, OR 97230
T1N R22E WM, S26CB; Tax Lot 3200
Latitude: 45.538, Longitude: -122.536

Property Owner:

Ralph Gilbert Trust & Resource Systems LLC
PO Box 20096
Portland, OR 97294
(503) 253-0867

Operator:

Vern Brown
ECR@ECRrecycling.com
503-253-0867

ISSUED IN RESPONSE TO:

- A solid waste material recovery facility permit renewal application received May 31, 2022.
- A Condition Use Permit from City of Portland and dated September 15, 1986.

The determination to issue this permit is based on findings and technical information included in the solid waste disposal site permit renewal application and permit record.

ISSUED BY THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY

Audrey O'Brien, Manager
Materials Management Program
Northwest Region

Date

Permitted Activities

Until this permit expires or is modified or revoked, the permittee is authorized to operate and maintain a solid waste disposal site in conformance with the requirements, limitations and conditions set forth in this document, including all attachments.

Table of Contents

Section	Topic	Page
ALLOWABLE ACTIVITIES		3
1	Waste Receipt and Disposal Authorizations	3
2	Prohibitions	3
3	Recycling	4
OPERATIONS AND DESIGN		5
4	Operations Plan	5
5	Site Design and Construction	6
6	Site Operations	6
GENERAL CONDITIONS		9
7	Recordkeeping, Reporting and Fee Payment	9
8	Permit Modification	10
9	Administration	11

ALLOWABLE ACTIVITIES

1 Waste Receipt and Disposal Authorizations

1.1 Waste Authorized for Receipt

This permit authorizes the permittee to accept only “dry”, non-putrescible solid waste, as defined in [ORS 459.005](#), for transfer, except waste specifically prohibited in Section 2 (Prohibitions) at the disposal site named Environmental Conscious Recycling (facility).

A DEQ-approved Special Waste Management Plan is required for acceptance of certain waste that requires special management due to the threat posed to human health or the environment. DEQ has approved the permittee to accept the following special wastes:

- Covered electronic devices (CEDs) for recovery
- Large home or industrial appliances

1.2 Authorization to Receive Other Waste

The permittee must not accept any waste excluded from the above authorization at the facility without first submitting the necessary information to DEQ for review and obtaining DEQ approval in writing.

Reference: [OAR 340-095-0020](#)

1.3 Authorization of Activities

The permittee must conduct all facility activities in accordance with the provisions of this permit until permit termination. Once approved by DEQ, any permit-required plans become part of the permit by reference.

Reference: [OAR 340-093-0110](#) and [OAR 340-093-0113](#)

1.4 Duration of Authorization

The authorization for the permittee to accept solid waste will end at the time of site closure or if the permit expires and DEQ has not received a timely permit renewal application. After that time, no solid waste may be accepted without written authorization by DEQ.

Reference: [OAR 340-093-0115](#)

2 Prohibitions

2.1 Prohibited Waste

The permittee is prohibited from accepting the following wastes:

- Hazardous waste – Reference: [40 CFR 258.20\(b\)](#), [OAR 340-101](#) and [OAR 340-093-0040](#);
- Liquid waste – Reference: [40 CFR 258.28](#);
- Radioactive waste – Reference: [ORS 469.525](#) and [OAR 345-050-0006](#);
- PCB or PCB Items regulated for disposal under [40 CFR 761.60\(a\)](#) through (c), 40 CFR 761.61, 40 CFR 761.63, 40 CFR 761.64, or [OAR 340-110-0060](#);
- Putrescible waste;
- Explosives.

2.2 Special Waste

The permittee is prohibited from accepting certain waste materials that, because of their nature, pose potential hazards to human health or the environment and require careful handling at transfer facilities without first

obtaining a Special Waste Management Plan approval in writing from DEQ. This waste includes, but is not limited to:

- Infectious Wastes as defined in [ORS 459.386](#);
- Asbestos-containing waste materials as defined in [OAR 340-248-0010](#).
- Sewage sludge and grit;
- Septage;
- Covered Electronic Devices (CEDs) for recovery as defined in [ORS 459A.305](#);
- Industrial solid waste and other materials that may be hazardous or difficult to manage by virtue of their character or large volume, unless special provisions for such disposal are otherwise approved by the DEQ.

Reference: [OAR 340-093-0190](#) and [OAR 340-095-0020](#)

2.3 Waste Banned from Disposal

The permittee may collect the following waste for storage, management and recycling only; the permittee must not knowingly accept or mix this waste with solid waste or transfer it to a landfill for disposal:

- Discarded or abandoned vehicles;
- Large home or industrial appliances;
- Used oil;
- Whole Tires;
- Lead-acid batteries;
- Computer monitors having a viewable area greater than four inches diagonally;
- Televisions having a viewable area greater than four inches diagonally;
- Desktop computers;
- Portable computers;
- Source separated recyclable material as defined in [OAR 340-090-0010](#).

Reference: [ORS 459.247](#), [OAR 340-093-0040](#), [ORS 459A.080](#), and [OAR 340-090-0090](#)

2.4 Open Burning

The permittee must not conduct any open burning at the facility. Reference: [OAR 340-264-0030](#) (defines open burning)

3 Recycling

3.1 Recyclable Materials

The permittee must provide a place for receiving the following recyclable materials:

- | | |
|--|--|
| <input type="checkbox"/> newspaper | <input type="checkbox"/> aluminum |
| <input checked="" type="checkbox"/> ferrous scrap metal | <input type="checkbox"/> container glass |
| <input checked="" type="checkbox"/> non-ferrous scrap metal | <input type="checkbox"/> hi-grade office paper |
| <input type="checkbox"/> used motor oil | <input type="checkbox"/> tin cans |
| <input checked="" type="checkbox"/> corrugated cardboard and kraft paper
(brown paper bags) | <input type="checkbox"/> yard debris |

Reference: [OAR 340-093-0160](#)

3.2 Recycling Depot Location

The place for receiving recyclable materials must be located at the facility or at another location more convenient to the population served by the facility. The recycling depot must be available to every person whose solid waste enters the facility.

Reference: [OAR 340-093-0160](#)

3.3 Recyclable Material Use

All properly prepared, source separated recyclable materials must be reused or recycled, except for used oil and wood waste which may be collected and burned for energy recovery. The permittee cannot dispose of any source separated recyclable material, as defined under [ORS 459.005\(19\)](#).

Reference: [OAR 340-090-0090](#)

3.4 Recycling Information

The permittee must provide, or have available upon request, recycling information for facility users that includes the following:

- The location of the recycling depot at the disposal site or another location;
- The hours of operation of the recycling depot;
- Instructions for correct preparation of accepted source separated recyclable material;
- The material accepted for recycling;
- Reasons why people should recycle.

Reference: [OAR 340-093-0160](#) and [OAR 340-090-0030](#)

3.5 Recycling Information Signs

A sign must be prominently displayed which indicates:

- The availability of recycling at the facility;
- The materials accepted at the recycling depot;
- The hours of operation of the recycling depot (if different from facility hours).

3.6 Salvaging of Materials

Salvaging of materials is authorized if conducted in a controlled and orderly manner and included in the permittee's DEQ-approved operations plan.

Reference: [OAR 340-096-0040\(4\)](#)

OPERATIONS AND DESIGN

4 Operations Plan

4.1 Plan Compliance

The permittee must conduct all operations at the facility in accordance with the approved Operations Plan, including any DEQ-approved amendments. The DEQ-approved Operations Plan is incorporated into the permit by reference.

Reference: [OAR 340-095-0020](#)

4.2 Plan Content

The Operations Plan must describe the method of operation of the facility in accordance with all regulatory and permit requirements.

Reference: [ORS 459.235](#) and [OAR 340-096-0040](#)

4.3 Plan Maintenance

Prior to commencing any change in operations, the permittee must submit revisions of the Operations Plan to DEQ for review and approval. Additionally, the permittee must revise the Operations Plan as necessary so that it reflects current facility conditions and procedures.

4.4 Special Waste Management Plan

After consultation with DEQ, and prior to accepting wastes listed in Section 2.2, the permittee must submit a SWMP for DEQ review and approval. DEQ approved SWMPs will be incorporated into the approved Operations Plan. The SWMP must address procedures for receipt, handling, storage, spill clean-up and transport for reuse, recovery or disposal at an appropriately permitted facility.

Reference: [OAR 340-093-0190](#)

5 Site Design and Construction

5.1 Facility Design and Construction Plan

The facility, including any modifications or additions, must be designed and constructed in accordance with plans and specifications approved by DEQ and any amendments approved in writing by DEQ. The permittee must consult with DEQ prior to any site modification. DEQ may require the permittee to prepare and submit a modified Facility Design and Construction Plan, stamped by a registered professional engineer. If a new Plan is required, the permittee must receive written approval of the modified Facility Design and Construction Plan from DEQ prior to commencing construction.

Reference: [ORS 459.235](#), [OAR 340-093-0140](#), and [OAR 340-096-0040](#)

5.2 Construction Requirements

The permittee must perform construction in accordance with DEQ-approved plans and specifications, including all conditions of approval by DEQ. Any significant amendments to those plans and specifications must be approved prior to construction in writing by DEQ.

Reference: [OAR 340-093-0140](#)

5.3 Construction Documents

Prior to initiating construction, the permittee must submit and receive written DEQ approval of complete construction documents for the project to be constructed. The construction documents submitted must include a Construction Quality Assurance plan describing the measures that will be taken to monitor and ensure that the quality of materials and the work performed complies with project specifications and contract requirements.

Reference: [OAR 340-093-0150](#)

5.4 Construction Certification Report Submittal

DEQ may require, upon completion of major or critical construction at the facility, that the permittee submit to DEQ a final project report signed by the project engineer or manager as appropriate. The report must certify that construction has been completed in accordance with the approved plans including any approved amendments thereto.

Reference: [OAR 340-093-0150](#)

5.5 Approval to Use

The permittee cannot accept waste in newly constructed facilities or areas until DEQ has approved the Construction Certification Report. If DEQ does not respond in writing to the Construction Certification Report within 30 days of its receipt, the permittee may accept waste at the facility in the newly constructed facilities or areas.

Reference: [OAR 340-093-0150](#)

6 Site Operations

6.1 General Site Operations

The permittee must at all times maintain and properly operate all waste collection and disposal facilities to prevent discharges, health hazards, and nuisance conditions and in accordance with the provisions of this permit.

6.2 Waste Removal

The permittee must remove all waste from the facility at least as often as necessary to prevent malodors, unsightliness, and attraction of vectors or other environmental concerns.

Reference: [OAR 340-093-0210](#) and [OAR 340-096-0040](#)

6.3 Containers

The permittee must clean all containers on-site, as needed, to maintain a sanitary operating environment and to prevent malodors, unsightliness and attraction of vectors.

Reference: [OAR 340-093-0210](#) and [OAR 340-096-0040](#)

6.4 Equipment

The permittee must have readily available equipment of adequate size and design to properly operate the facility at all times and maintain compliance with all permit conditions.

6.5 Roads

The permittee must construct and maintain all weather roads from the public highways or roads, to and within the facility. The roads must be constructed and maintained to prevent traffic congestion, traffic hazards, dust, mud, track out and noise pollution.

Reference: [OAR 340-096-0040](#)

6.6 Vehicles and Truck Covers

All vehicles and equipment operated by the permittee and using public roads, must be constructed, maintained and operated so as to prevent leaking, shifting or spilling of loads while in transit. The permittee must notify all incoming waste haulers that trucks containing loads must be covered or suitably cross-tied to prevent any load loss during shipment.

Reference: [OAR 340-093-0220](#).

6.7 Litter Control

The permittee must at all times minimize litter and collect it quickly and effectively such that the entire facility and adjacent lands are maintained virtually free of litter at all times. The permittee must retrieve and properly dispose of any debris from the facility as soon as possible the same operational day.

Reference: [OAR 340-096-0040](#)

6.8 Air Quality

The permittee must control dust and malodors resulting from facility construction, operation and other facility activities.

Reference: [OAR 340-096-0040](#)

6.9 Drainage

The permittee must divert surface and storm water drainage around or away from waste handling and storage areas. The permittee must maintain surface water diversion ditches or structures in a serviceable condition and free of obstructions and debris at all times.

Reference: [OAR 340-096-0040](#)

6.10 Wastewater Prevention and Management

The permittee must operate the facility in a manner that minimizes wastewater production to the maximum extent practicable; including providing roofs and covers over operating and recycling collection areas. The permittee must collect, remove and manage wastewater in a manner approved by DEQ to prevent malodors, public health hazards and discharge to public waters. Any wastewater or stormwater discharges must be conducted in accordance with applicable WPCF and/or NPDES permits.

Reference: [OAR 340-093-0210](#)

6.11 Unloading Area

The permittee must clearly identify the area(s) for unloading of solid waste by signs, fences, barriers or other devices.

Reference: [OAR 340-095-0020](#)

6.12 Public Access

The permittee must control public access to the facility, as necessary, to prevent unauthorized entry and dumping.

Reference: [OAR 340-096-0040](#)

6.13 Legal Control of Property

The permittee must maintain legal control of the property, including maintaining a current permit and contract, or agreement that allows the operation of the facility if the property is not owned by the permittee.

Reference: [OAR 340-093-0050](#) and [OAR 340-093-0070](#)

6.14 Fire Protection

Fire protection must be provided in accordance with operations plans approved in writing by DEQ and in compliance with pertinent state and local fire regulations. The permittee must make arrangements with the local fire control agency to ensure the fire control services will be provided immediately when needed. Fires must be immediately and thoroughly extinguished and reported to DEQ within 24 hours.

Reference: [OAR 340-096-0040](#)

6.15 Signs

The permittee must post signs at the facility, which are clearly visible and legible, providing the following information:

- Facility name;
- Emergency telephone number;
- Days and hours of operation;
- Authorized and prohibited wastes;
- Solid waste disposal site permit number;
- Operator's address.

6.16 Vector Control

The permittee must provide rodent, insect, bird, and other vector control measures, as necessary, to prevent vector harborage.

Reference: [OAR 340-096-0040](#)

6.17 Complaints

The permittee must investigate and attempt to resolve all complaints it receives regarding facility operations by doing the following:

- Contact the complainant within 24 hours to discuss the problem;
- Keep a record of the complaint, name and contact information (when possible), date complaint was received, date of facility response, description of facility response;

- Immediately initiate procedures at the facility, when possible, to resolve the problem identified by the complainant;
- For odor, litter or dust complaints, the permittee must report to DEQ as soon as complaints are received from five different businesses and/or individuals within one week, or if an odor event lasts longer than 24 hours without resolution or mitigation.

6.18 Permit Display

The permittee must display this permit, or a photocopy of it, where operating personnel can readily refer to it.

GENERAL CONDITIONS

7 Recordkeeping, Reporting and Fee Payment

7.1 Records

The permittee must keep copies of all records and reports for a minimum of five years from date initially placed in the facility operating record.

Reference: [OAR 340-096-0040](#) and [OAR 340-095-0020](#)

7.2 Access to Records

Upon request, the permittee must make all records and reports related to the permitted facility available to DEQ.

Reference: [OAR 340-096-0040](#) and [OAR 340-093-0050](#)

7.3 Disposal and recycling data collection

- Solid waste received - The permittee must collect information on a monthly basis of the number of tons or cubic yards of solid waste received for processing.
- Solid waste disposal – The permittee must collect information on a monthly basis of the number of tons or cubic yards of solid waste transported to landfill or other disposal site.
- Recycling - The permittee must collect information about the amount of each material recovered for anaerobic digestion, composting, recycling or other beneficial purpose for each year.

7.4 Data reporting

- Solid waste received and disposed – Information collected on solid waste accepted for processing and transported for disposal must be recorded annually for the prior calendar year on the DEQ form titled: Solid Waste Material Recovery Facility Report. This form is due by Jan. 31 each year.
- Oregon Material Recovery Survey – Recycling information collected must be submitted to DEQ on a form provided by DEQ by Jan. 31 of each year for the prior calendar year. Reference: [OAR 340-090-0100](#)

7.5 Non-Compliance Reporting

In the event the permittee violates any condition of this permit or of DEQ's rules or statute, the permittee must immediately take action to correct the violation and notify DEQ within 24 hours at: DEQ's [Choose Region](#) Region Materials Management Program Office at 503-229-5353.

7.6 Oil and Hazardous Material Spill Response and Reporting

The permittee must immediately clean up any spill of oil or hazardous material as described in the Operations Plan. If the spill is of a reportable quantity the permittee must immediately report the spill to the Oregon Emergency Response System at 1-800-452-0311 and DEQ.

Reportable quantities include:

- Any amount of oil spilled to waters of the state;
- Oil spills on land in excess of 42 gallons;
- 200 pounds (25 gallons) of pesticide residue;
- Hazardous materials that are equal to, or greater than, the quantity listed in the [40 CFR Part 302](#) (List of Hazardous Substances and Reportable Quantities), and amendments adopted before July 1, 2002. For a complete list of hazardous materials required to be reported, please refer to [OAR 340-142-0050](#).

7.7 Fee Payment

The permittee must pay the solid waste permit compliance fee each year this permit is in effect. DEQ will send an invoice to the permittee indicating the amount of the fee and the due date for fee payment. Fees are based on the tons of solid waste received and transferred for disposal.

Reference: [OAR 340-097-0110](#) and [OAR 340-097-0120](#)

8 Permit Modification

8.1 Modification

At any time during the life of the permit, DEQ or the permittee may propose changes to the permit.

Reference: [OAR 340-093-0070](#) and [OAR 340-093-0113](#)

8.2 Modification and Revocation by DEQ

DEQ may, at any time before the expiration date, modify, suspend or revoke this permit in whole or in part in accordance with [ORS 459.255](#) for reasons including, but not limited to the following:

- Violation of any terms or conditions of this permit or any applicable statute, rule, standard or order of the Environmental Quality Commission;
- Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
- A significant change in the quantity or character of solid waste received or in the operation of the facility.

Reference: [OAR 340-093-0113](#) and [OAR 340-093-0115](#)

8.3 Modification by Permittee

The permittee must apply for a modification to this permit if a significant change in facility operations is planned, there is a deviation from activities described in this permit, or there is a sale or exchange of the facility. The permittee cannot implement any change in operations that requires a permit modification prior to receiving approval from DEQ.

Reference: [OAR 340-093-0070](#)

8.4 Change in Name or Address

The permittee must report to DEQ in writing any name or address change of the owner or operator of the facility or property **within 10 days** of the change.

Reference: [OAR 340-095-0020](#)

8.5 Transfer, Sale or Exchange of Permit or Facility

The permittee must submit a permit modification application for any transfer, sale, or exchange of the permit or facility prior to completing the transaction.

All permit conditions will remain in effect until such time as a new or modified permit is issued by DEQ. The permittee will remain responsible for the failure by the new owner to abide by the terms of any permit conditions resulting in a violation until a new permit is issued by DEQ.

Reference: [OAR 340-093-0070](#)

8.6 Public Participation

Significant changes in the permit may be subject to the issuance of a public notice as set forth in DEQ rules for public notification.

Reference: [OAR 340-093-0100](#)

9 Administration

9.1 Definitions

Unless otherwise specified, all terms are as defined in [OAR 340-090-0010](#) and [OAR 340-093-0030](#).

9.2 Submittals

Unless otherwise specified on the forms provided by DEQ, all submittals required under this permit must be sent to:

Environmental Partnerships Manager
Oregon Department of Environmental Quality
700 NE Multnomah St., Suite 600
Portland, OR 97232-4100
503-229-5353
Or email to: solidwastepermitcoordinator.deqnwr@deq.oregon.gov

9.3 Permit Term

The effective date of this permit is the date this document is signed by DEQ. The expiration date of the permit is indicated at the top right of this document. The authorization to accept solid waste at the facility will end when this permit expires, is terminated, or revoked. After that time, the permittee cannot accept solid waste at the facility.

Reference: [OAR 340-093-0070](#) and [OAR 340-093-0115](#)

9.4 Permit Renewal

The permittee must submit an application for permit renewal if the permittee intends to continue operation beyond the expiration date of this permit. A complete solid waste disposal site permit renewal application must be submitted to DEQ **at least 180 days** before the existing permit expires. All permit conditions will remain in effect until such time as a new permit is issued by DEQ. Failure by a permittee to abide by the terms of any permit conditions will be a violation.

Reference: [OAR 340-093-0070](#) and [OAR 340-093-0115](#)

9.5 Permittee Initiated Termination of Permit

After facility closure, the permittee must request, in writing, to DEQ that the permit be terminated. Permittee must demonstrate to DEQ that the facility no longer requires a permit under [OAR 340-093-0050](#) before DEQ will terminate the permit.

Reference: [OAR 340-093-0050](#) and [OAR 340-093-0115](#)

9.6 Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights.

9.7 DEQ Liability

DEQ, its officers, agents or employees do not sustain any liability because of the issuance of this permit or because of the construction, maintenance, or operation of facilities pursuant to this permit.

9.8 Documents Superseded

This document is the primary solid waste permit for the facility, superseding all other solid waste disposal site permits issued for this facility by DEQ.

Reference: [OAR 340-093-0115](#)

9.9 Binding Nature

Conditions of this permit are binding upon the permittee. The permittee is liable for all acts and omissions of the permittee's contractors and agents.

Reference: [OAR 340-093-0050](#)

9.10 Access to Facility

The permittee must allow representatives of DEQ access to the facility at all reasonable times, for the purpose of:

- Performing inspections;
- Surveys;
- Collecting samples;
- Obtaining data;
- Reviewing records;
- Carrying out other necessary functions related to this permit.

Reference: [OAR 340-093-0050](#)

9.11 Other Compliance

Issuance of this permit does not relieve the permittee from the responsibility to comply with any other applicable federal, state or local laws or regulations.

9.12 Penalties

Violation of any condition of this permit or any incorporated plan may subject the permittee to civil penalties for each day of each violation.

Reference: [OAR 340-093-0050](#), [OAR 340-012-0160](#) and [ORS 459.995](#).

END PERMIT CONDITIONS