

# Solid Waste Facility License Application



**Metro**

600 NE Grand Ave.  
Portland, OR 97232

## INSTRUCTIONS

1. Complete all applicable parts of application.
2. Review confidentiality section and sign last page of application.
3. Attach required documents.
4. Submit application and attachments via email to [SWICC@oregonmetro.gov](mailto:SWICC@oregonmetro.gov).
5. Pay the application fee using one of the following methods:
  - a. **Credit card:** To pay the application fee by credit card, call or email Metro's Accounts Receivable at 503-797-1620 or [accounts.receivable@oregonmetro.gov](mailto:accounts.receivable@oregonmetro.gov); or
  - b. **By Mail:** To pay by check, include the name of the facility and "Metro Solid Waste Facility License application fee" on the check and mail to:  
  
Metro  
Unit 20  
PO Box 4500  
Portland, OR 97208-4500

For Metro Use Only	
Date received:	10-23-2024
Date deemed complete by Metro	

Questions? Contact Metro's Solid Waste Authorization Coordinators at [SWICC@oregonmetro.gov](mailto:SWICC@oregonmetro.gov).

## PART 1 – Standard License Application Information

1. Applicant (Licensee)	
Facility Name:	WasteXpress Transfer Station
Company Name:	WasteXpress Environmental
Facility Street Address, City, State, Zip:	11615 N Lombard St Portland, Oregon 97203
Facility Mailing Address, City, State, Zip:	PO Box 267 Vancouver, WA 98666
Contact Person & Title:	Jeremy Komp, General Manager
Phone Number:	503-793-2862
E-mail Address:	<a href="mailto:jeremy@wxe-pneco.com">jeremy@wxe-pneco.com</a>

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## 2. Type of Application (please check one)



New license

*Date of Pre-Application Conference: September 18, 2024*



Renewal of an existing license



Change of authorization to an existing license (other than a renewal)

*Please describe the proposed change below in Section 4.*



Transfer of ownership or control of an existing license

*Current Metro Solid  
Waste Facility License  
Number:*

\_\_\_\_\_

## 3. Type of facility (please check one)



Non-putrescible (dry) waste material recovery facility



Source-separated recyclable material recovery facility



Source-separated food waste reload facility



Yard debris reload facility



Yard debris composting facility



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:	Pacific Northwest Environmental LLC
Mailing Address, City, State, Zip:	1121 Columbia Blvd Longview, WA 98632
Contact Person & Title:	Shawn Ball, President
Phone Number:	949-607-6379
E-mail Address:	sball@pneco.com

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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): 1600	Section: 35	Township: 2N	Range: 1W
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## 8. Land Use

Present Land Use Zone:		
Is proposed use permitted outright?	<input type="checkbox"/> Yes If yes, attach a copy of the <i>Land Use Compatibility Statement</i> (See Attachment D).	<input checked="" type="checkbox"/> No
Is a conditional use permit necessary for the facility?	<input checked="" type="checkbox"/> Yes If yes, attach a copy of the <i>Conditional Use Permit</i> (See Attachment F)	<input 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:	Oregon Department of Environmental Quality Solid Waste Disposal Site Permit #1565	
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:

## 9. Land Owner

Is the applicant the sole owner of the property on which the facility is located?

☐ Yes

☒ No

If no, please complete this section with additional pages if necessary and attach a completed *Property Use Consent Form* (see Attachment E).

Property Owner:

Marx Investments LLC

Mailing Address, City, State, Zip:

PO Box 83492, Portland, OR 97283

Phone Number:

503-793-7661

E-mail Address:

arthur@irmholdings.com

## 10. Public/Commercial Operations

Will the facility be open to the public (e.g., non-commercial self-haul customers)?

☐ Yes

☒ No

Will the facility be open to non-affiliated commercial solid waste collectors?

☐ Yes

☒ No

Will the facility accept waste from outside the boundary of Metro?

☒ Yes

☐ No

## 11. Operating Hours and Traffic Volume

	Public (non-commercial self-haul)	Commercial Affiliated	Commercial Non-Affiliated
Operating Hours			7 am-5 pm M-F
Customer Hours (if different)			
Estimated Vehicles Per Day			4-5 waste transport vehicles per day

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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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Source-Separated Yard Debris:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Non-Putrescible (dry) Waste:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Source-Separated Recyclables:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Special Wastes (please specify):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1,435	Storage & Aggregation	na	8 hours
Petroleum Contaminated Soil:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	57	Storage & Aggregation	na	8 hours
Putrescible (wet) waste:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Other Waste/Feedstocks (please specify):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Other Waste/Feedstocks (please specify):	<input type="checkbox"/> Yes <input checked="" 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	1,492 tons per year	1,492 tons per year	0
<b>TOTAL TONS:</b>	1,492 tons per year	1,492 tons per year	

\* 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*
WM Columbia Ridge	Special Waste & PCS	1,170	Disposal
WM Hillsboro	Special Waste & PCS	237	Disposal
WM Medical Waste	Special Waste & PCS	0.3	Disposal
Trilogy Medical Waste	Special Waste & PCS	7	Disposal
WM Chemical Waste Management	Special Waste & PCS	37	Disposal
US Ecology	Special Waste & PCS	42	Disposal

\*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
None		

## 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 checked="" type="checkbox"/>	Attachment E: Property Use Consent Form (This form is not necessary if the property is solely owed 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 "Jeremy Komp".

Date

10/22/24

Print name

Jeremy Komp

Title

GM

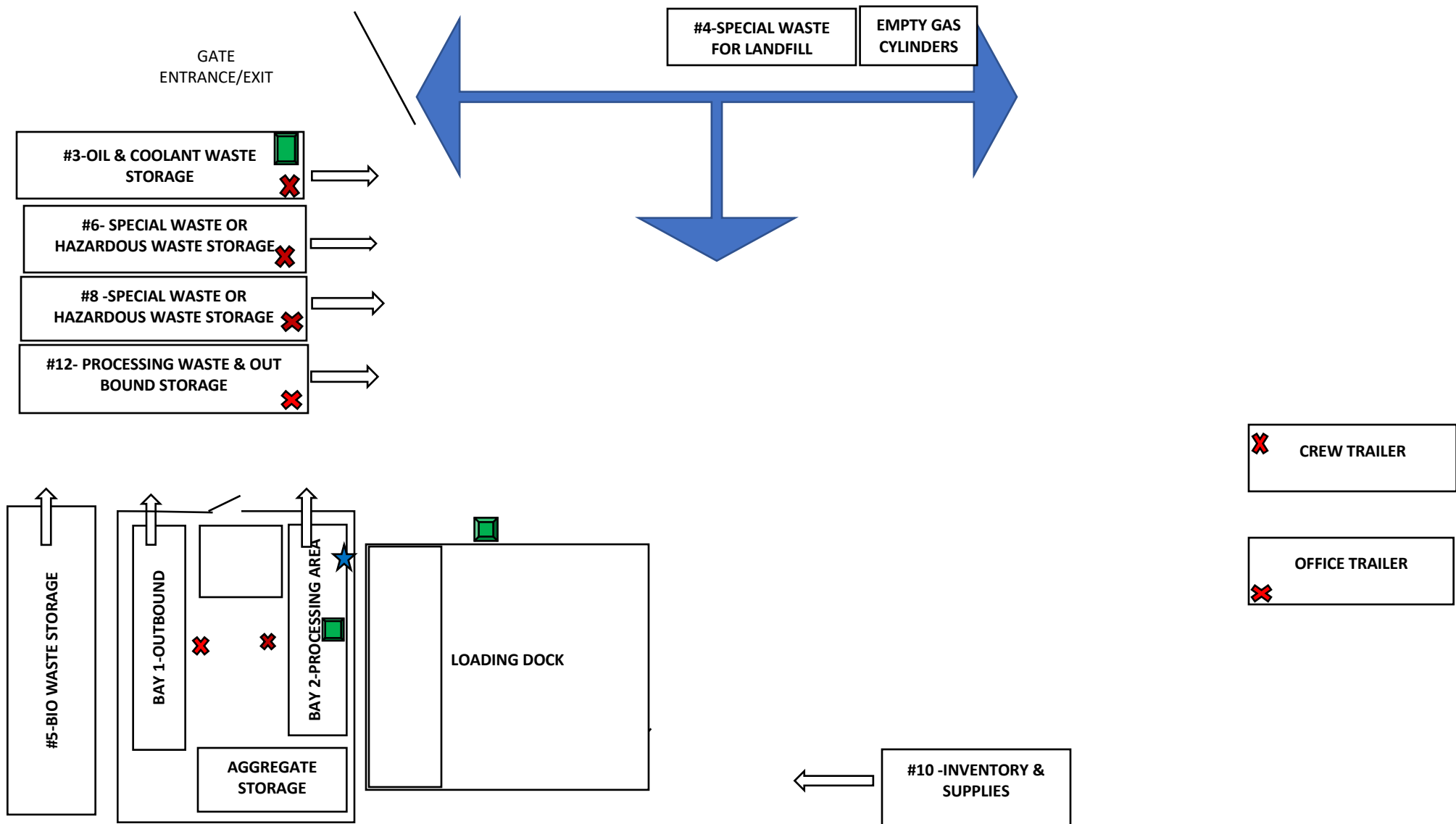
Email

Jeremy@wastex.com

Phone

503-793-2862

**FIGURE 4-DETAILED SITE MAP  
(ALSO INCLUDED IN HASP & INSPECTION LOG)**



**KEY:**

✖ =FIRE EXTINGUISHER



= EYE WASH



=SPILL KIT

**NORTH** ↑  
(NOT TO SCALE)

REVISED: 8-15-2022

**OPERATIONS  
PLAN  
Revision 9**

For the:

WasteXpress Facility  
11615 N. Lombard Street  
Portland, Oregon 97203



February 22<sup>nd</sup>, 2024

### Revision Schedule

Upon the Oregon Department of Environmental Quality's (DEQ's) approval of this version of the *Operations Plan*, the WasteXpress facility shall conduct its waste management operations in compliance with the last approved *Operations Plan*. DEQ should be notified of any revisions to the *Operations Plan*, and WasteXpress should provide a revised *Operations Plan* to DEQ for their review and/or approval upon DEQ's request.

This *Operations Plan* must be revised when significant changes in site conditions or government regulations occur. A facility representative that is accountable for the management of the WasteXpress facility shall document all *Operations Plan* revisions in the table below. The signature of the representative attests that the revision information is accurate and true. All revisions to the *Operations Plan* shall be attached and incorporated herein.

Revision Number	Date	Author	Name of Manager Who Approved Revisions	Manager's Signature
#9	8/22/2022	Jeremy Komp	Art Marx	

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- 2 – Olson Engineering Current Site Conditions Map
- 3 – Site Map with Utilities and Traffic Flow Pattern
- 4 – Detailed Site Map
- 5 – Site Evacuation Map

### **EXHIBITS**

- A – Health and Safety Plan
- B – WasteXpress Waste Flow Diagram
- C – Spill Plan
- D – City of Portland Cesspool Permit
- E – Hazardous Waste Label
- F – Ops Used Oil SOP

### **FORMS**

- Work Order
- Waste Profile Form
- Inspection Log & Site Map
- Waste In/Waste Out Log
- Non-Conforming Material Notification
- Bill of Lading
- Lab Pack Inventory
- Non-Hazardous Waste Manifest
- Uniform Hazardous Waste Manifest

## 1. INTRODUCTION

International Resource Management, Inc. (Oregon Secretary of State business registration #178287-81) doing business as WasteXpress is a licensed hazardous materials transporter (USDOT #881002) operating pursuant to USDOT regulations promulgated at 49 CFR 173, 178 and 179. WasteXpress' USEPA Identification number is ORQ000023150. The ODEQ Hazardous Waste Facility ID for the WasteXpress facility is 78960.

The WasteXpress facility is a Transfer Station (TS) as that term is defined at OAR 340-093-030(96): "Transfer Station" means a fixed or mobile facility other than a collection vehicle where solid waste is taken from a smaller collection vehicle and placed in a larger transportation unit for transport to a final disposal location. A "Transfer Station" is regulated as a "disposal site" pursuant to OAR 340-093-030(38). Therefore, the WasteXpress facility must operate pursuant to a Solid Waste Disposal Permit issued pursuant to OAR 340-093-050. The Department of Environmental Quality issued to WasteXpress Solid Waste Disposal Permit ("SWDP") #1565 on February 20, 2018. The Permit requires that WasteXpress submit and comply with an Operations Plan consistent with the conditions of the Permit and approved by the Department.

In addition, WasteXpress operates in accordance with 40 CFR Part 263 (Standards Applicable to Transporters of Hazardous Waste) for the transportation of regulated hazardous waste. The WasteXpress facility is a "Transfer Facility" as that term is defined at 40 CFR 260.10: "Transfer Facility" means any transportation related facility including loading docks, parking areas, storage areas and other similar areas where shipments of hazardous waste are held during the normal course of transportation. A "Transfer Facility" is regulated pursuant to 40 CFR 263.12, which allows a transporter who stores manifested shipments of hazardous waste in containers meeting the requirements of 40 CFR 262.30 at a transfer facility for a period of ten days or less to operate without a Resource Conservation and Recovery Act permit.

Pursuant to 40 CFR 261.5(g)(3), WasteXpress may store at its Transfer Station hazardous waste received from Conditionally Exempt Small Quantity Generators as that term is defined at 40 CFR 261.5(a) for more than 10 days so long as the generator has assured delivery of the hazardous waste to an authorized (*e.g.*, RCRA permitted) Treatment, Storage and Disposal Facility

(“TSD”) and so long as WasteXpress operates pursuant to a Solid Waste Disposal Permit issued by the State of Oregon.

WasteXpress also operates in accordance with the following:

- 40 CFR 273 Subpart D (“Standards for Universal Waste Transporters”),
- OAR 340-113 (“Standards for Universal Waste Handlers”)
- 40 CFR 279 Subpart E (“Standards for Used Oil Transporter and Transfer Facilities”),
- OAR 340-111 (“Standards for Used Oil Management”)
- 40 CFR 761 (“Polychlorinated Biphenyls”),
- OAR 340-93-190(1)(d) and ORS 459.386-405 (Infectious Waste).

The WasteXpress Transfer Station is not a land disposal facility. There is no treatment or disposal of hazardous waste occurring at the facility. The only salvaging that takes place is for recycling metal from off-site projects that is being temporarily stored at the facility and metal that may be generated from facility activities such as from emptying metal drums and containers. All metal for recycling will be stored inside facility building or storage containers.

This Operations Plan addresses facility operations at the Transfer Station as presently constructed. If the facility is modified subject to the review and approval terms of SWDP #1565 WasteXpress will submit a revised Operations Plan in accordance with paragraph 3.5 “Plan Maintenance” of the permit.

## **2. FACILITY DESCRIPTION AND OVERVIEW OF OPERATIONS**

### **2.1 Plans and Specifications (OAR 340-096-0040(2))**

The WasteXpress facility is located at 11615 N Lombard Street, Portland, Oregon (Figure 1) and occupies a 1.58-acre triangular parcel. N. Lombard Street is located west and adjacent to the facility. The facility is located within an industrial-zoned area. The facility is enclosed by fencing as shown on Figure 1.

The facility’s topography slopes gradually to the east, from approximately 72 feet above mean sea level (msl) to approximately 56 feet above msl. Refer to the engineering plan (Figure 2), the *Existing Conditions Survey for WasteXpress*, June 2014, by Olson Engineering, Inc.

The site is currently developed with the following structures:

- Shop building/warehouse – 1,956 square feet prefabricated metal building with concrete slab flooring
- Eight large portable shipping containers (Connex or otherwise)
- Modular office 1 – 470 square feet, and
- Modular office 2 – 676 square feet.

All the above structures are located within the WasteXpress Operations Area. The Operations Area of the facility is fenced and covered with crushed aggregate. The remainder of the site is vegetated.

Access to the facility is via N. Lombard Street (Figure 3). In addition to staff and visitor vehicles, four to 5 roundtrips are made each day by waste transport vehicles. All traffic enters and exits the facility from North Lombard Street at a traffic signal-controlled intersection of North Lombard Street and North Terminal Road. Access to the facility is currently via a large graveled parking / turn around area in order to adequately receive and dispatch any anticipated traffic volume. With the small volume of employee and visitor traffic, the facility has not significantly impacted current Lombard Street traffic volumes.

A NPDES Permit is not required for the WasteXpress facility because stormwater does not leave the facility and does not reach surface waters either directly or through storm drainage (*i.e.*, there is no point source discharge at the facility). Stormwater at the facility does not discharge directly to surface water, nor does it discharge to a municipal storm or sewer system. Therefore, there are no surface water control structures to maintain.

WasteXpress does not wash trucks at its facility so there are no truck area washing facilities.

There is no weigh station at WasteXpress.

The facility is connected to the City of Portland water supply and disposes of sanitary waste in an onsite cesspool permitted and installed in 1979. The cesspool is 20 feet deep, and visual inspection of the cesspool confirms it is constructed of 4-foot diameter perforated concrete drainage rings. A copy of the permit is in Exhibit D.

WasteXpress' normal operating hours are Monday through Friday from 7:00 am to 5:00 pm and WasteXpress is closed on major holidays. WasteXpress has 12 full time employees with three or more of these employees dispatched from the site each day as waste pickup drivers or as field project personnel.

## **2.2 Design and Construction (OAR 340-096-0040(3))**

No wastewater is generated at the WasteXpress facility. If in the event wastewater is generated at the WasteXpress facility (other than sanitary waste) it would be collected in appropriate containers, characterized, and directed to an appropriate off-site treatment facility. There is no discharge of wastewater to public waters.

Access to the WasteXpress Transfer Station is via a graveled right of way designed and maintained to prevent traffic congestion, traffic hazards and dust and noise pollution.

The facility is contoured such that surface drainage (storm water) is diverted around or away from the operational area of the site.

The facility has numerous portable fire extinguishers located throughout all structures at the Transfer Station. There is an air horn located in the warehouse that will be utilized in an event of an emergency to notify personnel to evacuate and notify the fire department. The facility is not located within a wild lands fire hazard area. WasteXpress fire safety protocols have been approved per regular and periodic annual City of Portland Fire Marshal inspections that are recorded and documented with the City of Portland.

Appropriate warning signs are posted on buildings and storage units where hazardous materials are stored per 29 CFR 1910.145. They indicate specific hazards that may, without identification, lead to accidental injury or property damage.

Access to the site is controlled by means of a complete operations area-perimeter fence and locked gate inspected daily for any breeches. During facility operating hours, site personnel ensure that only authorized persons are allowed to enter the facility and that facility users obey safety rules. When WasteXpress is closed for business all entrances to the buildings and yard are securely locked and an alarm system is engaged which will notify the local police department and a designated WasteXpress employee if the alarm system is triggered.

## **2.3 Operations (OAR 340-096-0040(4))**

### *2.3.1 Waste Acceptance Procedures*

The WasteXpress facility accepts customers' containerized wastes (*e.g.*, in 55-gallon drums, original product containers, pails, totes, *etc.*) and temporarily stores the wastes on-site until they are transported to an authorized, designated treatment/disposal facility. WasteXpress also transports non-hazardous bulk sludge and waste waters from its customers' facilities in a 500-gallon vacuum vehicle to the WasteXpress facility where the wastes are transferred (downloaded) to various container types (drums, totes, *etc.*). The transfer is conducted within the warehouse building or a portable containment structure. The waste containers are then stored in their proper designated storage area prior to continued transport to an authorized offsite disposal facility.

WasteXpress accepts the following types of wastes:

- Hazardous wastes (*e.g.*, used solvent, acids and bases, heavy metal materials, *etc.*)
- Non-hazardous wastes (aka Special Waste) (*e.g.*, latex paint, garden products, water-based products, *etc.*)
- Used oil
- Emulsified oil and water
- Emulsified fuel
- Oily solids
- Oil filters
- Used coolant
- Flammables (*e.g.*, aerosol cans, paint)
- Investigation derived wastes (*e.g.*, soil, groundwater, *etc.*)
- Universal waste (*e.g.*, bulbs, batteries, and mercury-containing equipment) as defined in 40CFR 273.9
- Pesticides and pesticide residues (managed as hazardous waste)
- Small PCB articles and other TSCA waste
- Infectious Waste
- Out-of-date pharmaceuticals
- Lead acid batteries

- Electronic devices
- Tires (not to exceed 100 onsite)
- Other solid waste types approved by DEQ

WasteXpress does not accept the following wastes at their facility:

- Radioactive Materials
- Explosives
- Asbestos
- HHW (Household hazardous waste)
- Putrescible Waste, MSW, garbage and refuse
- C&D wastes (construction & demolition)

#### *2.3.1.1 Waste Profiling*

WasteXpress requires that its customers submit and sign a complete Request for Waste Profiling and Disposal Approval (“Waste Profile”) describing the wastes to be approved for disposal and the necessary information to ensure proper disposal of the waste. This is accomplished when a WasteXpress Customer requests service and a service order is being prepared. The Waste Profile provides necessary DEQ/EPA waste characterizations and other pertinent information about the waste and the waste generator required by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Transportation (DOT) for preparing shipping documents (including the Uniform Hazardous Waste Manifest information).

The Waste Profile includes a “VSQG Certification” box summarizing the definition of Very Small Quantity Generator (40 CFR 261.5) / Very Small Quantity Generator (ORS 465.003) and a separate signature line where the generator’s representative certifies that the generator complies with all the requirements for exempt generator status (see form in the appendix). Note that WasteXpress receives wastes from Washington State and their designation of VSQG waste is identified as SQG (Small Quantity Generator) waste. For all intents and purposes in this Operations Plan, where VSQG is used it will also include Washington SQG waste. For further assurance of compliance with the VSQG rules, with each service request that WasteXpress receives, a WasteXpress representative discusses with the “waste generator” the following:

- the processes that generated the waste(s) and the generation rates,

- their storage procedures,
- for new customers the last time they shipped the waste stream(s) and the volumes shipped,
- for existing customers WasteXpress reviews the previous shipment information, asks if there have been any other generation or disposal activities that WasteXpress is unaware of subsequent to the last shipment to WasteXpress,
- Performs a calculation or assessment to confirm that the waste to be shipped is truly VSQG waste (less than 220 lbs. generated per month, less than 2200 lbs. on site at any given time & less than 2.2 lbs. of P-Listed acute waste accumulated on site at any given time.),
- If confirmed to the best of WasteXpress' s capabilities, the waste is designated as VSQG waste, the service order is completed and if WasteXpress is hired to transport the waste materials the waste will be listed on either a hazardous Bill of Lading (BOL), a non-hazardous waste manifest or a Uniform Hazardous Waste Manifest (UHW) depending on if the waste will be aggregated at the WasteXpress facility, or if it will be managed directly to a permitted hazardous waste disposal facility.
- As a further check, at the time of the waste pick up or receipt at the Facility, the WasteXpress service technician is trained to perform an assessment to confirm that the volumes being transported or received do not exceed the VSQG volumes.
- If the waste cannot be properly designated as VSQG waste, it will be shipped using a UHWM with a Generator ID number and will be managed at the WasteXpress facility as outline below.

In the event that WasteXpress learns or determines that a generator may have inappropriately claimed status as a conditionally exempt generator when offering a waste shipment for transport (for example, a facility unexpectedly becomes an episodic hazardous waste generator or otherwise exceeds applicable limits after shipping waste in the same month over a VSQG certification) WasteXpress will immediately notify and work with the generator to ensure that the waste is appropriately managed (including but not limited to creation of a UHWM for the waste shipment) and that any possible transport and temporary storage violations are immediately reported to the Department. Records of all such failures in the VSQG system will be maintained for a period of at least five years per Solid Waste Permit.

All containers received by WasteXpress are accompanied by appropriate shipping papers (e.g., Uniform Hazardous Waste Manifest, Non-Hazardous Waste Manifest, or Bill of Lading) and these documents remain in WasteXpress transportation vehicles until unloading at the WasteXpress facility is complete. All containers are inspected for integrity at the time of pick-up, and if needed, are repacked before being transported to the WasteXpress facility.

All waste containers received at the facility are delivered to the facility by authorized WasteXpress field team members, or on occasion a generator or generator's representative may drop off their waste. Only trained and authorized WasteXpress employees may unload vehicles and otherwise handle waste. All operation activities will be performed pursuant to the procedures outlined in the facility's Health and Safety Plan (HASP).

When containers are to be off loaded at the WasteXpress facility, after they are checked in they will be placed on wood pallets using drum dollies or forklift equipment and moved to storage locations with a forklift or pallet jacks. Normally four 55-gallon drums will fit on a pallet. If five-gallon pails are stacked more than one level high on a pallet, upper rows will be shrink wrapped together to eliminate any tipping potential.

The following inbound check-in procedures are performed:

- When waste containers are unloaded from vehicles at the WasteXpress facility, they are initially placed in a secure receiving area (*i.e.*, the “inbound” holding area) (Figure 4).
- Site technicians will then recheck the shipping documents and verify that all wastes have been properly packaged, container integrity is acceptable, and labeled in accordance with applicable government regulations.
- During the check-in procedure:
  - Containers that are listed on and shipped with a shipping document other than a Uniform Hazardous Waste Manifest (Bill of Lading, non-hazardous manifest, *etc.*) will be assigned a unique WasteXpress inventory control number (with a unique ID) and will be placed (written with a permanent marker) on the item or

container and documented on the shipping document. The inventory control number will be used for tracking the container during storage and aggregation at the facility and to monitor any time limits that the wastes can remain at WasteXpress.

- Containers that are listed and shipped on a Uniform Hazardous Waste Manifest (UHWM) (see attached Forms) will not receive the unique WasteXpress inventory control number, but the UHWM number will be placed on the containers instead. They will be tracked by the Uniform Hazardous Waste Manifest number. Any time limits of storage at the transfer facility (10-day limits, *etc.*) will be noted by placing the UHWMs in an outbound file and immediately scheduling their departure from the facility within the time limit required. The waste inventory tracking system will also be used to monitor storage time limits.
- Containers of waste from VSQG's that would be regulated if the generator were not VSQG will be checked to verify they have the words "Hazardous Waste" on them. If they do not, then a Hazardous Waste marking will be added to the container. For containers aggregated at WasteXpress, a Hazardous Waste Label will be added to all VSQG hazardous waste. For example, the following container types: acids, bases, flammable liquids, debris for microencapsulation and liquids for hazardous waste treatment (See Exhibit E).
- Containers that hold used oil or water with recoverable used oil will be subject to the following:
  1. Chlor-d-tect onsite prior to transport. For containers dropped off at WasteXpress by the generator, a chlor-d-tect will be performed prior to acceptance.
  2. A composite sample of each generator's used oil will be collected, given a sample number identical to the drums and retained for a period of 3 months.
  3. Prior to shipment offsite to an oil recycling facility, a composite sample will be taken from the sample jars and tested for the presence of PCB's. If PCB's are non-detect, the oil will be

shipped off for recycling. If PCB's are detected, each sample will be tested for PCB's to determine the source of the PCB contamination (See Exhibit F).

Once the final check-in is complete, the waste containers have been officially accepted into the facility. Before the close of the workday the checked in containers will be moved to their specific storage location described in *Section 2.3.2, Waste Storage Procedures*.

In accordance with 40 CFR 263.12 (the ten-day transporter rule), except for Conditionally Exempt Small Quantity Generator hazardous waste or as may be necessary due to manifest discrepancies (see below), hazardous waste will not be stored at the WasteXpress facility for more than 10 days. For the purpose of calculating storage time, the time will commence when the waste has been officially accepted and off loaded at the facility.

Very Small Quantity Generator (or "VSQG") hazardous waste, whether or not it is aggregated or consolidated as described above, may be held at the facility for up to one year, which is assured by the following procedures:

- All containers with the unique WX number will be aggregated/processed or have an affirmative disposition within 90 days of acceptance into the facility,
- From regular inspections of each storage area, noting acceptance dates on the outside of containers, will cause all WX containers to be managed accordingly prior to the 90-day limit.
- All process (aggregation) containers (pails, drums, totes, etc.), where WX numbered wastes have been transferred, will be inspected weekly noting the start date or the date of the oldest volume of waste placed in the container, and outbound shipment of these containers will be arranged so they never exceed 1 year onsite at the facility. Note that the aggregation containers that have received WX numbered waste will be identified with unique number with the prefix of IRM).
- It should be noted that WasteXpress has an economic incentive to move waste through the facility as rapidly as possible and does so predominately, but to be most environmentally efficient some aggregation containers take longer to fill than others and these procedures will ensure that waste is not held at the facility for excessive time periods.

For purposes of clarification, not all waste shipped under a Universal Hazardous Waste Manifest (UHW) will be subject to the 10-day limit applicable to "hazardous waste" under Oregon and federal rules. For example, and specifically relating to the Department's concern about Washington Dangerous Waste, solid waste originating in Oregon that is being shipped to Washington under a UHW and designated as "dangerous waste" (but does not meet the definition of a hazardous waste in Oregon) will be tracked using the UHW number but may be stored (e.g. "managed") at the WasteXpress facility for more than 10 days. On the other hand, waste originating in Washington and shipped under a UHW because it is "dangerous waste" may not be stored at the WasteXpress transfer facility for more than 10 days in accordance with OAR 340-093-40(2)(b), unless it meets the definition of a conditionally exempt generator waste.

In the event during check-in or any other time during waste storage operations that WasteXpress determines that there is a significant difference between the quantity or type of waste designated on the manifest or shipping paper, and the quantity and type of waste WasteXpress actually receives (or if the designated disposal facility identifies such a significant difference and the waste is returned to the WasteXpress Transfer Station), WasteXpress will complete a *Non-Conforming Material Notification Form* (See attached Forms) and attempt to reconcile the discrepancy with the waste generator. While WasteXpress is making arrangements for forwarding rejected wastes or residues to another authorized disposal facility, or to return it to the generator, WasteXpress will provide secure, temporary custody of the waste pending delivery to the designated facility, generator location, or another transporter.

In the event a waste container is returned to the WasteXpress facility it will be subject to the check-in procedures and time limitations stated above.

### *2.3.2 Waste Storage Procedures*

Most wastes are temporarily stored in the Warehouse building or in designated storage units prior to forwarding to an authorized treatment facility or another authorized transporter. Waste is moved throughout the facility for aggregation, over-packing, bulking, etc. and sorted (segregated) according to USDOT classification, waste characteristics (compatibility), and ultimate destination. DOT Class 1 and Class 7 are not accepted at the facility. Flammable gas containers for reclaim are stored outside in a designated area shown on the detailed site map. All other waste materials are placed in designated storage areas and will adhere to DOT Load and Segregation requirements shown in the DOT Load and Segregation Chart (figure 4).

Class 2.3 (Zone A & Zone B) and Class 6.1 (PG I) are shipped/packaged/stored utilizing proper exemptions. Class 8 (corrosive), Class 4 (flammable) & Class 5 (oxidizing) material may not be loaded, transported, or stored together unless separated in a manner that, in the event of leakage from packages under conditions normally incident to transportation or storage, commingling of hazardous materials will not occur. All incompatible materials will be placed on wooden pallets and empty pallets will be placed between incompatible materials to ensure adequate segregation is maintained. Materials designated as Class 4.3 Dangerous When wet, Oxidizers and Toxic 6.1 PG I are only stored in the Warehouse area where they are properly segregated from non-compatible materials.

To prevent any commingling of containers that are listed and shipped on a UHWM and to ensure they are not stored with other wastes awaiting aggregation (containers with WX numbering), upon being checked-in and accepted into the facility, containers shipped on a UHWM will be moved directly from the inbound check-in area to one of the outbound storage locations. Further, all non-hazardous and special wastes requiring aggregation/processing will not be placed in the outbound storage area but will be placed in their appropriate area awaiting disposition. Adherence to this procedure will ensure that no 10-day manifested wastes will become stored with WX numbered waste. In addition, as aggregated and other waste containers are readied for outbound shipment, they will be placed in the outbound storage location awaiting outbound shipment.

Small PCB articles, used oil, universal wastes, out of date pharmaceuticals and infectious waste upon acceptance into the facility will be moved directly to segregated storage locations awaiting outbound shipment. Small PCB article waste may also be aggregated pursuant to 40 CFR 761 and will be shipped to an appropriate permitted offsite disposal facility once the aggregation containers has been filled.

Used oil containers will be placed in their designated storage area and will not be held at the facility for more than 35 days. Similar inspection procedures will occur to these wastes so that the 35-day limit does not occur.

Universal waste containers will be placed in their designated storage area and will be shipped from the facility at regular intervals to disallow an accumulation to exceed 10,000 lbs. and not to exceed the 6-month maximum storage time limit per OAR 340-113(3)(b).

Out of date Non-Hazardous or VSQG pharmaceuticals will be placed in their designated storage area and will be shipped from the facility as full loads become available and not to exceed the one (1) year maximum storage time limit.

Infectious wastes will be placed in their designated storage area and will be shipped from the facility within 30 days of receipt.

Waste Electronic Devices that are used in the workplace and at home may contain toxic or hazardous substances such as lead or mercury and that have been discarded or are intended to be discarded by the owner. These devices include such items as televisions, computer monitors, computers, printers, facsimile machines, copying equipment, calculators, VCRs, cell phones, telephones, radios, DVD players, portable DVD players with video screens, and any other item primarily to store or convey information electronically, and any accessories to such equipment.

Waste Electronic Devices will be received into the facility in the same fashion as other waste materials described above and will be stored in the appropriate storage area under cover until a sufficient volume is accumulated to warrant a shipment to an offsite permitted electronic recycling facility. No dismantling of electronic devices will occur at the facility. Documentation of receipt and outbound shipment will be kept, which will include pertinent dates, volumes and where the devices were shipped to.

Accumulation of solid waste shall be kept to minimum practical quantities. The waste volume stored at the WasteXpress facility will be limited as stated in Facility closure Plan. As a practical matter, solid waste for which no limit on holding time applies will be accumulated only as necessary to make a complete load for transport to an appropriate off-site disposal or recycling facility.

The operation area is divided into waste-specific storage areas (unit) and the wastes stored there are as follows (see detailed site map [Figure 4]):

- Warehouse – Hazardous wastes destined for incineration, neutralization, treatment, retort, landfill and fuels reclamation and various non-hazardous wastes. This is also where most aggregation, bulking, lab packing, loose packing, drum cleaning, and other operations take place so there will be most all other DOT classifications and waste types in this area awaiting aggregation and disposition. Maximum Capacity: 260 Drums.
- Portable Shipping Container #3 – Used oil, emulsified oil and water, emulsified fuel, oily solids, oil filters, used coolants and similar wastes.  
Maximum Capacity: 40 Drums.
- Portable Shipping Container #4 –Special waste for landfill. Drop Box  
Maximum Capacity: 40 Drums.
- Portable Shipping Container #5 –Medical Waste.  
Maximum Capacity: 40 Drums.
- Portable Shipping Container #6 -- Special Waste or Hazardous wastes.  
Maximum Capacity: 80 drums.
- Empty Flammable Gas Containers for Reclaim Area – Maximum Capacity: 40 drums
- Portable Shipping Container #8 – Special Waste or Hazardous wastes. Maximum Capacity: 10 Drums.
- Portable Shipping Container #10 – Inventory & Supplies (No Waste).
- Portable Shipping Container #12 – Waste for Processing and additional outbound storage. Maximum Capacity: 80 drums

Notes – All reference to drum count is equal to a 55-gallon drum volume-weight equivalent;  
Reference to Special Waste is an industry term used for non-RCRA waste destined for disposal in

a Subtitle D Landfill. Refer to the Waste Flow Diagram (Exhibit B) for a summary of the waste segregation and final disposition of the wastes accepted at the facility.

Drums must be transported using appropriate equipment such as a drum dolly, pallet jack, or a forklift per the facility's HASP. Normally four 55-gallon drums will fit on a pallet. If five-gallon pails are stacked more than one level high on a pallet, upper rows will be shrink wrapped together to eliminate any tipping potential.

When drums are placed in a storage area, the drum number and location is recorded on a Waste-In Waste-Out Log (see Forms) and the inventory database system is updated.

No materials shall be stored in hallways or walkways that would impede access to or egress from any area of the facility.

Containers holding hazardous waste must always be closed during storage, except when waste is actively being added or removed.

All drums must be stored in rows no more than two drums wide with at least enough space along one side of the row to facilitate inspection. Drums and other containers may be placed directly against the outer wall of the warehouse or storage containers. Drums may be stacked on pallets no more than two drums high. Drums may be stacked on shelves (allowing for removal and inspection of drums on lower shelves) not exceeding the structural strength of the shelving unit. Inspections of the building perimeter and waste storage areas will be performed at the beginning and at the close of the day's work. Inspections will consist of looking for leaking containers, spills, unsafe or unauthorized storage such as damaged labeling, and any breeches in the perimeter fencing.

WasteXpress ensures that all waste containers meet the standards specified in USDOT regulations on packaging promulgated at 49 CFR Parts 173, 178 and 179 (as referenced at 40 CFR 262.30 "Packaging"). If a container is found to be deteriorating (*e.g.*, cracked or rusting) either the container will be placed in a loose-pack container, or the waste will be transferred to another container. Any materials transfer activities will occur within the operational warehouse or within the waste's designated portable shipping container. If any container is discovered to be leaking, or likely to leak, the following procedures shall be implemented:

- Identify material immediately in order to properly select personal protective equipment. If unsure of waste characteristics, or if chemical composition calls for respiratory protection, a full-face respirator shall be used with GME-P100 cartridges.
- Repair or stop the leak using tape, putty, or any improvised means.
- Carefully transport the container to containment or the appropriate area for transferring and or repackaging.
- In the event of a spill, proper cleanup and decontamination shall commence and clean up media shall be disposed of appropriately. Decontamination and cleanup procedures are outlined in the facility's *Health and Safety Plan* (Exhibit A) and *Spill Plan* (Exhibit C).

#### *2.3.2.1 Time-Sensitive, Regulatory On-Site Storage Requirements*

In accordance with 40 CFR 263.12 (the ten-day transporter rule), except for VSQG hazardous waste or as may be necessary due to manifest discrepancies (see above in *Section 2.3.1*), hazardous waste will not be stored at the WasteXpress facility for more than 10 days once the hazardous waste has been officially accepted into the facility. Conditionally Exempt Small Quantity Generator hazardous waste, whether or not it is aggregated or consolidated as described above, will not be stored at the WasteXpress facility for more than one calendar year once the CESQG hazardous waste has been officially accepted into the facility.

For purposes of clarification, not all waste shipped under a UHWM will be subject to the 10-day limit applicable to "hazardous waste" under Oregon and federal rules. For example, solid waste originating in Oregon that is being shipped to Washington under a UHWM and designated as "dangerous waste" (but does not meet the definition of a hazardous waste in Oregon) will be tracked using the UHWM number but may be stored (*e.g.* "managed") at the WasteXpress facility for more than 10 days. On the other hand, waste originating in Washington and shipped under a UHWM because it is "dangerous waste" may not be stored at the WasteXpress transfer facility for more than 10 days in accordance with OAR 340-093-40(2)(b), unless it meets the definition of a conditionally exempt generator waste.

### *2.3.3 Lab Packing, Loose Packing, and Bulking Procedures*

Some hazardous, non-hazardous, and small PCB article wastes may be consolidated with other compatible waste types (“bulking”), or by placing smaller containers of similar DOT classifications into larger containers (“lab packing”), or by placing smaller containers of similar characteristics (non-DOT regulated) into larger containers (“loose packing”) to facilitate economies of scale for transport to various authorized off-site recycling or permitted disposal facilities.

“Aggregation” of Very Small Quantity Generator (“VSQG”) hazardous waste is allowed at the WasteXpress facility due to its Solid Waste Permit and that CESQG waste is conditionally exempt from the hazardous waste management rules of 40 CFR Parts 262 through 268 and 270 so long as the generator ensures delivery of the hazardous waste to an authorized facility.

Aggregation of intact, non-leaking PCB articles (light ballasts) is allowed under 40CFR761.50(b)(2)(ii) and 40CFR761.62. WasteXpress does not aggregate acutely toxic waste.

Prior to aggregation or consolidation of a generator’s waste, WasteXpress will obtain a confirmation from the generator of their generator status affecting the waste being received by WasteXpress, (VSQG, non-hazardous and special waste generator, PCB article generator) and will implement the following procedures to confirm that all aggregated/consolidated waste it receives is ultimately delivered to an authorized disposal facility:

- Waste container information is recorded in the facility waste-tracking system.
- When waste has been transferred from its original container, the transfer will be recorded in the waste-tracking system by showing into which aggregate container the waste was placed.
- New, empty waste containers used for accepting aggregated waste will be initially placed into service by assigning it with a unique inventory control number and that number will be recorded in the inventory system with the date it was placed into service.
- Once the aggregate container has been filled, the database will record where the aggregate container was shipped to and the date of departure from WasteXpress.

- Final tracking and outbound disposition of aggregate containers will be documented on the inventory system. Outbound shipments of aggregated/consolidated waste will be shipped using either a Uniform Hazardous Waste Manifest, a Bill of lading or a non-hazardous waste manifest dependent on the requirements of the receiving treatment/disposal facility (see Forms for these documents). WasteXpress will sign these documents as the “Offeror” of the waste, not the Generator. A copy of the outbound shipping document will be retained for 3 years.

#### *2.3.3.1 Lab Packing*

Lab packing refers to the packaging of smaller DOT regulated containers into a larger outer packaging DOT approved containers along with appropriate absorbent. WasteXpress lab packs VSQG hazardous wastes and non-hazardous wastes of all types. All wastes lab packed together must be compatible and must be of the same USDOT classification.

Before shipment from WasteXpress each lab packed container must contain enough absorbent to fully absorb the liquid contents of the outer packaging. The absorbent is also used to isolate the containers so that none are touching. Absorbent must be added to cover the top of the containers inside the DOT approved outer packaging. All wastes that are lab-packed must be handled with the following procedures:

- A Lab-Pack form with the generator name and address must accompany the DOT container being filled. The form must also show the container size, type, and the proper shipping description per 40 CFR 268.
- Material being placed into the lab-pack container must be listed on the lab-pack form (see Forms) with the following information: Chemical composition, container size, type, and whether the material is solid or liquid.
- Each lab-pack form must be placed in a Ziploc bag on a clipboard and kept with the container at all times until the container is filled.
- When the outer container is full, and at time of shipping to the designated facility, a copy of a complete lab pack form will be placed in a see-through, stick-on plastic

envelope and placed on the container and a copy will accompany the shipping papers (bill of lading or Uniform Hazardous Waste Manifest).

- All Lab-pack containers are to be properly marked and labeled prior to filling.
- WasteXpress will complete and sign the shipping paper as an offeror, not a generator.

#### *2.3.3.2 Loose Packing*

Loose packing refers to the packaging of smaller non-DOT regulated containers or DOT exempted materials into larger outer packaging containers along with appropriate absorbent, if necessary. WasteXpress loose packs non-hazardous and exempted wastes of all types. All wastes loose packed together must be compatible.

All wastes that are loose-packed must be handled with the following procedures:

- All loose-pack outer packages are to be properly marked and labeled prior to filling.
- WasteXpress will complete and sign the shipping paper as an offeror, not a generator.

#### *2.3.3.3 Bulking*

Bulking refers to emptying conditionally exempt hazardous wastes, non-hazardous waste, and state only waste from one container into another (usually larger) DOT container, such as a 55-gallon drum, box or tote, which then is shipped offsite for final disposal. All waste bulked together must be compatible per USDOT regulations and must be of the same USDOT classification.

Prior to bulking, technicians inspect and qualify the waste that is to be bulked using MSDS's, visual, labels and other readily available means to determine if there may potential be a compatibility issue. If characteristics and compatibility can still not be determined a sample may need to be sent to a laboratory for testing. If it is determined that a compatibility issue exists, the original container of waste will not be bulked and it will be lab packed.

Containers of waste are poured or pumped into compatible containers using a chemical resistant funnel or other appropriate device. After the contents of each container are transferred, the

aggregate drum is inspected for indications of any chemical reaction (*i.e.*, fuming, off gassing and heat). Containers of ignitable and/or flammable waste are poured or pumped into an open top drum that has been electrically grounded. If indication of reaction occurs, safety measures must be implemented immediately.

With the exception of loose packing, waste is lab-packed and bulked according to USDOT specifications. RCRA Empty containers whose contents had been bulked are placed in the landfill trash receptacle.

WasteXpress personnel involved in bulking shall be wearing all appropriate Personal Protective Equipment. Any clean up supplies and containment equipment must be readily accessible in case of a spill or loss of containment. When a lab-pack drum, loose pack drum, or bulking container is not being filled the top is firmly secured and the container closed.

#### *2.3.3.4 Inventory Control and Documentation of Lab-Packed or Bulked Items*

As containers are lab-packed, loose-packed, or bulked into WasteXpress aggregate containers, a Waste-In/Waste-Out log (see Forms) will be utilized for tracking purposes. For lab-packs, an additional inventory sheet will be utilized for each specific lab-pack container as described in *Section 2.3.3.1 Lab Packing*. The information on the Waste-In/Waste-Out sheet will be maintained for tracking purposes and eventually archived.

#### *2.3.3.5 Infectious/Medical/Pharmaceutical Wastes (Special Waste Management Plan)*

WasteXpress' Solid Waste Disposal Permit #1565 (February 20, 2018) requires that WasteXpress operate in accordance with an approved Special Waste Management Plan ("SWMP") addressing certain waste materials that, because of their nature, pose potential hazards to human Health or the environment and require careful handling at transfer facilities. Infection Wastes as defined at ORS § 459.386(4) (e.g., biological waste, cultures and stocks, pathological waste and sharps) are included among those wastes which must be managed in accordance with an approved SWMP. WasteXpress transports, stores and transfers Infectious Waste in accordance with the procedures set out at ORS § 459.390.

For clarification purposes, Infectious waste means:

- (a) "Biological waste", which includes blood and blood products, excretions, exudates, secretions, suctioning's and other body fluids that cannot be directly discarded into the municipal sewer system, and waste materials saturated with blood or body fluids, but does not include diapers soiled with urine or feces. In addition, biological waste does not include articles contaminated with fully absorbed or dried blood, such as gauze, paper towels, and sanitary napkins;
- (b) "Cultures and stocks", which includes etiologic agents and associated biologicals, including specimen cultures and dishes and devices used to transfer, inoculate and mix cultures, wastes from production of biologicals, and serums and discarded live and attenuated vaccines. "Cultures" does not include throat and urine cultures;
- (c) "Pathological waste", which includes biopsy materials and all human tissues, anatomical parts that emanate from surgery, obstetrical procedures, autopsy and laboratory procedures and animal carcasses exposed to pathogens in research and the bedding and other waste from such animals. "Pathological waste" does not include teeth or formaldehyde or other preservative agents;
- (d) "Sharps", which includes needles, IV tubing with needles attached, scalpel blades, lancets, glass tubes that could be broken during handling and syringes that have been removed from their original sterile containers;
- (e) "Syringe" means an instrument for the injection of medicine or the withdrawal of body fluids that consists of a hollow barrel fitted with a plunger and a hollow needle.

Containers – WasteXpress only accepts 40-gallon pre-labeled DOT approved Infectious Waste containers compliant with ORS § 459.390(7), and which have been filled and sealed by the customer. Upon receipt at the facility a WasteXpress technician will confirm that the containers have a tight-fitting cover, have been kept clean and in good repair, and are labeled with the international biohazard symbol and the words “Biomedical Waste” on the sides so as to be readily visible from any lateral direction when the container is upright. All infectious waste will be stored per ORS § 459.390(7). This will be confirmed during the profiling process described in Sec. 2.3.1.

Temporary Storage – Infectious Waste containers accepted for transport are brought to the WasteXpress Transfer Station and stored in a secure storage area until they are picked up by a vendor licensed to treat (i.e., incinerate) the Infectious Waste in accordance with ORS § 459.395. Enclosures used for storage of infectious waste at the WasteXpress Transfer Station are secured to prevent access by unauthorized persons and are marked with prominent warning signs. WasteXpress does not open Infectious Waste containers.

Spill Response Plan – WasteXpress has adopted and implemented a Spill Plan for general activities performed by WasteXpress employees. All appropriate Personal Protective Equipment for any necessary response to an Infectious Waste spill is maintained and available at the WasteXpress Transfer Station as described in the Spill Plan.

Documentation-WasteXpress will maintain records showing the point of origin and date and place of final disposal of infectious waste collected from generators. A copy of these records will be given to the generator or the Department of Environmental Quality upon request.

#### *2.3.4 WasteXpress as a Generator*

WasteXpress will generate the following wastes as a result of aggregation:

- “RCRA empty” hazardous waste containers.
- Rags, absorbent pads, and other spill cleanup materials

WasteXpress will perform proper waste determination on any wastes that may be produced during the course of their activities or required in the event WasteXpress generates waste as described above. These wastes will be characterized and if found to be hazardous they will be managed according to 40 CFR 260 to 272 applicable to persons who generate industrial solid waste. If the waste is not hazardous or at the end of a given month the volume of WasteXpress generated hazardous waste does not exceed 220 pounds, the waste will be aggregated with received waste and will be recorded accordingly.

#### *2.3.5 Outbound Waste Shipment to Permitted Facilities*

Pursuant to the time limits and protocols described in the previous sections WasteXpress will coordinate outbound waste shipments with either qualified and registered transporters for the various waste types being stored at the transfer facility, or WasteXpress will deliver the stored wastes to appropriate permitted facilities themselves. When using a next transporter, the transporter will arrive at the WasteXpress facility and WasteXpress facility technicians will assist the transporter with loading and completing the shipping documents. With either delivery option, WasteXpress will forward outbound waste to the receiver (next transporter or permitted facility)

along with required documentation (UHWM or other shipping document), where WasteXpress will receive a receipt that the transporter is taking custody of the outbound wastes.

#### **2.4 Abatement of Nuisance Conditions**

Glare, odor, vibrations, and noise are not of concern since the facility is located within an industrial-zoned area, high temperature processes or lighting are not used, odor has not been produced at the facility nor is it anticipated to become a nuisance, there are no vehicles or equipment that would cause vibrations, and uses such as residences, hospitals, or schools are not located in the vicinity of the facility that would be sensitive to the facility's vehicle traffic.

Dust, flooding, and erosion are also not of concern at the facility. Dust is eliminated as an item of concern since the facility grounds are covered by compacted aggregate material. Flooding is also eliminated since the facility is not located within 50 feet of a 100-year floodplain. Erosion is not of concern since the facility is gravel-covered and is not located within or adjacent to a known landslide or landslide risk area. Furthermore, the vegetated slope adjacent and south of the facility is maintained by the Union Pacific Railroad, thus limiting the risk of erosion.

Facility personnel will keep vigilant of any nuisance condition such as blowing debris, malodors, and noise on an ongoing basis by implementing best management practices. In the event a nuisance condition is discovered, or a nuisance condition is brought to WasteXpress' attention, the nuisance condition will be immediately addressed. For instance, any loose materials such as trash entering the site or released within the site will be immediately captured and placed in the proper trash or recycling receptacle. If malodors are detected, the source of the odor will be immediately identified and the source sealed in an appropriate container or mechanical devices installed to mitigate or eliminate the malodor prior to the source's shipment off-site for disposal or recycling. Facility staff operates equipment (trucks, forklifts, pallet jacks) during normal business hours. If excessive noise is identified as a nuisance, then WasteXpress will immediately modify their procedures to diminish or eliminate the noise. WasteXpress will evaluate the nuisance condition(s) after it is corrected and will modify plant procedures and make any corrections to the physical plant as necessary.

Should a spill cause a nuisance condition(s), facility personnel will follow the procedures outlined in the HASP in addition to the best management procedures listed above.

Customer waste materials entering the site or waste materials leaving the site are securely containerized and are of the type that could not be released to the surrounding environment or along roadways leading to/from the facility.

#### *2.4.1 Abatement of (Vector Born) Health Hazards*

The presence of vectors in any significant numbers is not anticipated because the waste materials handled at the facility are not of the nature to attract or cause any vectors. As part of the normal daily inspections, the buildings will be inspected for evidence of vector presence (*e.g.*, droppings, nests) and if found facility staff or other professionals will perform the necessary remedy to eliminate vectors.

### **2.5 Records**

All shipping documents where WasteXpress has signed as an Offeror will be retained in a short-term file until the disposal facility sends a signed-off copy to ensure that the wastes have been properly received. Permanent record of disposal will be kept for at least five (5) years.

The facility inventory database will be maintained on a daily basis and kept on-site as specified previously. At the end of each month the inventory database will be printed and filed for recording purposes.

### **2.6 General Facility Inspections**

A general facility inspection is conducted at the start and close of each business day where the intent is to look for any spills outside the storage areas, improper storage, hazardous conditions, cut fencing allowing access, or any situation where the security of the facility may be compromised. From this inspection, the facility contingency plan may be implemented as necessary (Please see the *Spill Plan*, Exhibit C).

#### *2.6.1 Daily Opening Procedures*

1. When the first employee arrives at the facility each day, he/she will make a walk-through of the facility for any signs of forced entry, abandoned wastes, or stored materials release. If any compromised situation is found, the Operations Manager will be notified and an appropriate course of action will be implemented.
2. After entering the facility, the security system will be disarmed.

3. Inspect facility for any open, leaking or damaged containers inside the shop and in the yard. If any signs of release are found, determine if evacuation is necessary and report the situation to the facility supervisor. The facility supervisor will determine the appropriate course of action.

#### *2.6.2 Daily Inspections of Waste Storage Units and Operations Area*

1. At the beginning of each workday a briefing will occur with facility supervisor for daily work plan.
2. Before operating any equipment and vehicles, an inspection will be performed and engine fluids will be checked. Perform all scheduled maintenance as needed.
3. Inspect forklift for damage and perform maintenance as needed.
4. Obtain information regarding wastes that have may have arrived at the facility since the previous closure routine, which may be on board vehicles and should be inspected.
5. Inspect and service appropriate personal protective equipment (PPE). Gather needed tools, paperwork, and any other equipment or miscellaneous operating tasks as needed.
6. In the course of operating activities, employees will be vigilant for any evidence of a non-compliant situation such as missing labels, damaged containers, indications of leaks, and other unsafe conditions in the operating area.

The Daily Inspection Sheet is attached in the Forms section of the Appendices, and in Appendix B of the facility's *Health and Safety Plan* (Exhibit B) and the facility's *Spill Plan* (Exhibit C) and completed inspection sheets are kept on-file at the facility's office.

#### *2.6.3 Daily Closing Procedures*

1. A designated employee will inspect all containers for leaks, open lids, and proper labeling and identification (See *Section 2.3.2*). The inspection shall be documented

on the Daily Inspection Log (see Forms) and any problem conditions shall be immediately reported to the facility supervisor. The facility supervisor shall determine the appropriate course of action.

2. All vehicles shall be confirmed locked and secure. Any vehicles with waste still onboard shall have all appropriate shipping papers and documentation of the load. The papers and documentation shall be left in the cab of the vehicle in plain sight.
3. Check that all office and facility doors are locked and secured.
4. At final exit of facility, the security alarm must be activated.

#### *2.6.4 Weekly Inspection Procedures*

The entire site will be inspected on a weekly basis using the daily inspection criteria discussed herein, as well as the inspection of:

- Site alarms and sensors to ensure they are still operational and to perform maintenance as needed,
- Pressure on office fire extinguishers,
- Eye wash stations-warehouse and Flammable storage container #13,
- Secondary containment-warehouse, Storage Container #3,
- Spill kits for completeness and restocking them as necessary. New hazardous substances purchased and stored at the facility have MSDS on file at the facility and are properly stored and labeled.

The weekly inspection form is in the appendices of the *Spill Plan* (Exhibit C) and the Forms section of the Appendices herein. The forms are kept in the WasteXpress office on-site.

### 2.6.5 Abandoned Waste Procedure

In addition to precluding access by unauthorized persons, these security measures are intended to minimize the chance of wastes being abandoned at the site while the facility is closed. If facility staff discovers wastes outside the facility gate, the Operations Manager will be immediately notified, as will the Oregon Department of Environmental Quality (“ODEQ”) and await instructions by ODEQ.

## 3. WASTEXPRESS EMPLOYEE TRAINING

All employees assigned duties in the facility are provided with extensive training regarding safe work habits, operating procedures, chemical safety, and respiratory protection. WasteXpress has provided this training with the expectation that employees are responsible for the success of these programs.

WasteXpress staff will follow health and safety protocols when handling waste (unloading, loading, sorting, bulking, packing, shipping, *etc.*) per the facility’s *Health and Safety Plan* (Exhibit A), and their training (listed below). The following training is required of all employees who work at the WasteXpress facility.

- OSHA Hazard communication and general awareness
- Basic Resource Conservation and Recovery Act awareness
- Department of Transportation general awareness
- Operations/Procedures (WasteXpress)
- WasteXpress safety training
- Respiratory Protection Program
- Emergency Response Training (ERT), including Spill Contingency Procedures
- Equipment Operation
- WasteXpress Company Policy
- Not required but all employees receive OSHA 40-hour training and an annual 8-hour refresher.

A significant amount of training beyond these requirements will be conducted continuously. The majority of this training is continuously developed and given by WasteXpress, as part of regular employee and safety meetings. Seminars, workshops, and conferences may also be utilized for

training purposed as appropriate. Employee training logs are kept on file in the WasteXpress office.

WasteXpress staff has a safety meeting on a monthly basis that is mandatory for all operating area personnel, including technicians and drivers, to attend.

#### **4. INCLEMENT WEATHER POLICY**

The storage of waste materials indoors prevents the waste materials being impacted by inclement weather. In the event of inclement weather events at the facility, employees will follow the inclement weather procedures outlined in the *Health and Safety Plan* (Exhibit A).

In the event hazardous wastes are prevented from leaving the facility within their regulatory time limit, due to inclement weather either at the facility, or along the transportation route, DEQ will be notified immediately and the waste will be transported to its designated disposal facility at the earliest possible time after roads are open and as safe travel allows.



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# Exhibit F

## Used Oil Operating Procedures

Procedure For Used Oil Management at WasteXpress

Definitions of Used oil: any oil that has been refined from crude oil, or any synthetic oil that has been used as a lubricant, coolant (non-contact heat transfer fluids), hydraulic fluid or for similar uses and as a result, such use is contaminated by physical or chemical impurities. Used oil includes, but is not limited to, used motor oil, gear oil, greases, machine cutting and coolant oils, hydraulic fluids, brake fluids, electrical insulation oils, heat transfer oils and refrigeration oils. Used oil does not include used oil mixed with hazardous waste except as allowed in 40 CFR 279.10(b), oil (crude or synthetic) based products used as solvents, antifreeze, wastewaters from which the oil has been recovered, and oil contaminated media or debris. Because it is a recyclable or reusable commodity, it may be re-refined for use or burned for energy recovery.

Process knowledge means information that includes, but is not limited to, records of materials present at the Facility, analyses of process stream composition, engineering calculations based on material balances, process stoichiometry, or previous test results (provided the results are still relevant).

Capacity to be re-refined: if a used oil wastestream cannot be “recycled” or has been mixed with a hazardous waste or PCBs it does not qualify as a used oil but is then defined as a “waste oil” and cannot be recycled. Some used oil may have some heavy metals (lead, cadmium, chrome) or chlorinated paraffins (an additive for lubrication) but as long as the resulting re-refined oil does not exceed specified levels of these elements/compounds it continues to meet the definition of used oil.

Used oil is a type of wastestream that can be generated from a multitude of processes, i.e. internal combustion engine (ICE) oil, motor/gear lubricant, machine coolant, production line lubricant, hydraulic equipment maintenance, unused/off spec product, etc. Therefore, to properly manage a used oil wastestream IT IS IMPERATIVE THAT WASTEXPRESS KNOW EXACTLY WHERE/HOW THE USED OIL WAS GENERATED, AND EXACTLY A COMPLETE LIST OF ANY HAZARDOUS SUBSTANCES THAT COULD HAVE BEEN INTRODUCED INTO THE PROCESS GENERATING THE USED OIL OR THAT THE USED OIL MAY HAVE COME IN CONTACT WITH.

As an example, used oil that was generated from a typical auto repair shop or a manufacturer that drains oil from ICEs should always be able to be recycled despite it may have traces of the heavy metals listed above. However, it is easy for a generator of this type to use a flammable or chlorinated solvent in a spray can to clean the engine and catch the drippings into the used oil catch pan and then pour into the used oil drum and render the used oil as a hazardous waste.

Another example might be where at an industrial location, a maintenance employee may drain some hydraulic fluid from a very old piece of equipment. Historically some older hydraulic fluid may have PCBs as an additive for heat transfer and therefore would not be acceptable as a used oil. Another example is where an employee may drain an old piece of electrical equipment that has heat transfer “oil” that has PCBs in the fluid, into a used oil drum. This wastestream will not be defined as a used oil but as a “waste oil” and must be disposed of not recycled.

To prevent WasteXpress from incorrectly transporting and directing a petroleum-based material to be re-refined (ORRCO for example) it must be adequately confirmed how the material was generated. This should start when initially filling out a work order asking the generator how it was generated,

AND what other compounds/components it may have come in contact with. If the exact process cannot be provided the wastestream may have to be sample and undergo laboratory analysis.

Onsite at the time of pickup: The first thing the WasteXpress tech should do is note the process generating the used oil on the Profile Form and make a simple evaluation of the site conditions in an attempt to confirm what is listed. For example, if the tech finds a container that seems fairly obvious that the generator has not had adequate control of the used oil container, the tech may want to question the process knowledge of the container contents.

Next all used oil, petroleum/water mixtures, coolants and antifreeze will be sampled in the field with a Chlor-d-teck (CDT) test kit to identify the presence of any halogen (chlorinated) compounds. PCBs will also be indicated in the CDT but the test does not discriminate between any compound but will simply give an approx. level of any chlorinated compounds. Finally, both used oils and water with petroleum will be tested on a batch basis for PCB's at WasteXpress prior to being pumped out by ORCCO.

#### On site Sampling Procedures:

1. A coliwasa tube (stands for Composite Liquid Waste Sampler) will be used to obtain a representative sample in each drum/container of used oil. The COLIWASA tube will be in the open position and pushed to the bottom of the container. At the bottom of the container the tube will then be closed. The tube will be lifted out, placed over an opened sample jar and the liquid allowed to drain from the tube into the jar.
2. Every drum/container of used oil on a generator's site will be sampled individually. For multiple container pickups, a "Composite Bucket" can be used to collect the COLIWASA samples creating a representative composite sample of all the drums/containers being picked up. If a Composite has been created, then first mix the composite thoroughly and obtain one sample jar of the composited used oil. The Composite Bucket can then be drained back to the drums/containers

#### On Site testing

##### Used oil:

A CDT will be run using a small amount from the prepared sample jar. If the sample has less than 1000ppm halogens the used oil and the sample jar will be taken to IRM for management as used oil.

##### Petroleum and Water:

A hydro-chlor will be run using a small amount from the prepared sample jar. If the sample has less than 1000ppm halogens the water with petroleum and the sample jar will be taken to IRM for proper management.

##### Coolant:

A hydro-chlor will be run using a small amount from the prepared sample jar. If the sample has less than 1000ppm halogens the coolant and the sample jar will be taken to IRM for proper management.

##### Antifreeze

A hydro-chlor will be run using a small amount from the prepared sample jar. If the sample has less than 1000ppm halogens the antifreeze and the sample jar will be taken to IRM for proper management.

#### Retaining Prepared Samples from Pick Up Sites

The prepared sample from each site will be properly labeled (Unique Sample ID, etc.), a notation made on the profile form representing a chain of custody and the sample delivered to the WasteXpress facility for storage.

#### Management at IRM

Used oil: Prior to ordering a shipment offsite to ORRCO, a representative composite of the used oil containers that are designated to shipped will be created and the sample sent to an analytical laboratory to be tested for PCB's. If PCBs are detected, each prepared sample from each site of the containers designated for shipment will be sent to a lab for PCB testing. If PCB's are not detected, the used oil will proceed to be picked up by ORCCO.

Petroleum and Water: At IRM drums will be consolidated into totes for ease of handling. Prior to shipment offsite to ORRCO the totes will be composite sampled, and the sample sent to an analytical laboratory to be tested for PCB's. If PCBs are detected, each tote will be tested to determine the source of the PCB's. If PCBs are not detected, the petroleum and water will be pumped out by ORCCO.

Coolant and antifreeze will not be tested for PCB's given the almost impossibility of PCB's being present

#### Retaining Samples at the WasteXpress Facility: 90 Days

Any sample taken, whether directly from a generator's site or the composite at the WasteXpress facility will be retained (held in storage) until ORRCO sends an analytical confirmation of no PCB's and the load has been processed at ORRCO's facility.





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# **Exhibit E**

## **VSQG Hazardous Waste Label**



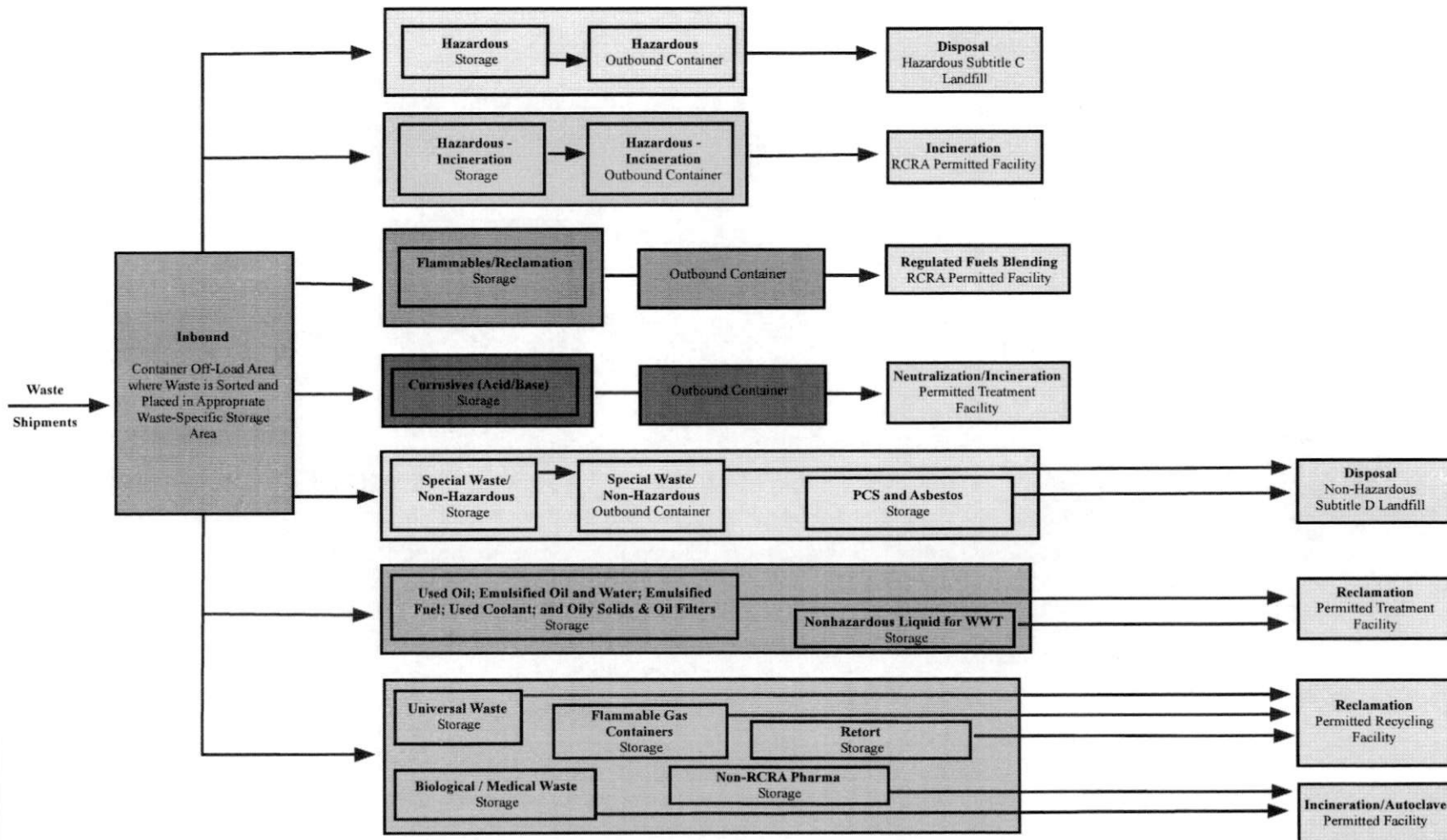


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# EXHIBIT

## B – WasteXpress Waste Flow Diagram

## WasteXpress Waste Flow Diagram





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# EXHIBIT

## C – Spill Plan

REVISED: 8/4/2022

# SPILL PREVENTION PLAN

**Name of Business: WasteXpress Environmental**

**Address: 11615 N. Lombard St., Portland OR 97203**

**Facility Phone: (503) 224 – 3206**

**Spill Cleanup Contractor: NRC (503) 283-1150**

## **Types of Work or Hazardous Substances Used:**

Transporting of various types of Hazardous & Non- Hazardous Waste.

This spill plan is designed to handle the requirements for this system and associated hazardous substances. The spill plan should be updated if the hazardous substance inventory changes.

## **Spill Prevention**

The following are general requirements for any hazardous substances stored or used at this facility.

### **General Requirements**

- Ensure all hazardous substances are properly packaged and labeled.
- Store, dispense, and/or use hazardous substances in a way that prevents releases.
- Provide secondary containment when storing hazardous substances in bulk quantities (~55 g).
- Maintain good housekeeping practices for all chemical materials at the facility.
- Routine/Daily checks in the hazardous substance storage area to be performed while conducting regular facility inspections.
- Inspections of the hazardous substance storage area will be indicated in the daily inspection log

## **Spill Containment**

**First and foremost, the WasteXpress Health and Safety Plan (HASP) will be followed to protect human health.**

The general spill response procedure at this facility is to stop the source of the spill, contain any spilled material and clean up the spill in a timely manner to prevent accidental injury or other damage. Small spills will be contained by site personnel if they are able to do so without risking injury. Spill kits are located at the following location(s). See the attached site map and the site evacuation route map.

**BLACK BOX WITH INVENTORY OF SUPPLIES IS ON TOP OF SPECIAL WASTE CONNEX IN YARD - SEE MAP**

**Personnel will properly characterize spill cleanup materials before disposal.**

For questions about disposal ask the facility Operation Manager.

# SPILL PREVENTION PLAN

## Emergency Procedures:

- Immediately call **911** in the event of injury, fire or potential fire, or spill of a hazardous substance that gives rise to an emergency situation.
- If a spill has occurred, contact the following persons immediately:

<b>PAUL KREBSBACH</b>	(Primary)	(360) 688-4783
<b>CHRIS MOORE</b>	(Secondary)	(503) 849-9255
<b>WHOMEVER IS ON CALL</b>	(After Hours Emergency Contact)	(503) 224-3206

### In the event of a large spill, a properly trained employee should:

- Assess the area for any immediate dangers to health or safety (*i.e.*, a wrecked car on fire). If any dangers are present, move away from the area, and **call 911**.
- Notify the primary and/or secondary contact from the list above and then continue your spill response. The primary contact should assess additional notification requirements (*i.e.*, DEQ, ODOT, Neighbors, *etc.*).
- Retrieve the spill kit from the closest location.
- Assess the size of the leak and any immediate threat of the spill reaching permeable surfaces in the area. If there is an immediate threat and there are no safety concerns, then attempt to block the spill from coming in contact with permeable surface. Use absorbent (cat litter) and/or sock booms or rags to stop the spill from getting to any permeable surfaces.
- If the spill can be contained with absorbent booms, deploy them around the spill. Use the booms to direct the spill away from any immediate hazards (*i.e.*, a wrecked car).
- If there is no immediate threat to permeable surfaces, or after controlling the spill, try to plug or stop the leak, if possible. If applicable, put on protective gear (gloves, goggles, protective clothing, *etc.*) and plug the leak.
- Once the spill has been contained and any immediate threat to permeable surfaces has been minimized, contact the spill cleanup contractor and dispatch them to clean up the spill or commence spill cleanup procedures.

Spill cleanup for large spills should be handled by the Spill Cleanup Contractor.

Company Name **NRC**: (503) 283-1150

## Spill Reporting

If a hazardous substance spill exceeds Reportable Quantity (RQ) (any amount of oil to waters of the state; oil spills on land in excess of 42 gallons; hazardous materials that are equal to, or greater than, the quantity listed in the Code of Federal Regulations, 40 CFR Part 302 [List of Hazardous Substances and Reportable Quantities], and amendments adopted before July 1, 2002 9 [see *Page 10*]).

**DEQ Oregon Emergency Response System: 1-800-452-0311**  
**AND**  
**The National Response Center: 1-800-424-8802**

# SPILL PREVENTION PLAN

## Plan Management

The primary contact or designee shall administer this plan and will be responsible for updating and including any required documentation.

### Training

All personnel who may respond to any spill, need to be trained on the contents and procedures in this plan. Trained personnel will add their names and dates of training to the Training Log (**see attached form**). Only persons trained on this plan shall respond to a spill. If you are not trained and witness a spill, call or notify the primary and secondary contacts listed on Page 2 of this plan.

### Spill Tracking

Any spills must be entered into the Spill Log (**see attached form**). If a large catastrophic spill occurs, or a RQ spill occurs, attach additional pages to describe the event. Include known or possible causes, areas affected, and effectiveness of the cleanup. Include a review of the cleanup contractor and their procedures, a site map indicating the location of the spill, any cleanup activities (e.g., soil removal), sampling activities, receipts, and manifests. Please refer to the **attached DEQ Spill Release Report Form** for all the spill information that is required to be reported to DEQ subsequent to cleanup activities.

For non-RQ spills, it is sufficient to fill out the Spill Log, and to take measures to prevent a repeat occurrence.

### Daily Facility Inspections

Routine inspections will be conducted daily during regular business hours. Daily inspections will include, at a minimum, a visual inspection of the hazardous substances containers and the area immediately adjacent to it for signs of a spill or leak. For record purposes these inspections will be logged in case a spill or leak is detected. Ideally, these inspections will be conducted by a manager or by regular employees.

## Spill Log

Date of Spill	Location of Spill	Size of Spill (~ gal)	Prevention Measures Taken?	Spill Kit Materials Reordered?	Was the Spill Kit Adequate? (List any deficiencies, i.e. missing equipment, etc.)



## SPILL/RELEASE REPORT

### 1 - GENERAL INFORMATION

OERS No. \_\_\_\_\_

- a. Company/Individual Name: \_\_\_\_\_
- b. Address: \_\_\_\_\_  
\_\_\_\_\_
- c. Company Contact Person: \_\_\_\_\_
- d. Phone Number(s): \_\_\_\_\_
- e. Specific on-site location of the release (and address if different from above):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Please provide a map of the site showing area(s) where the release occurred, any sample collection locations, location of roads/ditches/surface water bodies, etc.**

### 2 - RELEASE INFORMATION

- a. Date/Time Release started: \_\_\_\_\_ Date/Time stopped: \_\_\_\_\_
- b. Release was reported to (specify Date/Time/Name of Person contacted where applicable):  
ODEQ \_\_\_\_\_  
OERS \_\_\_\_\_  
NRC \_\_\_\_\_  
Other (describe): \_\_\_\_\_
- c. Person(s) reporting release: \_\_\_\_\_
- d. Name, quantity and physical state (gas, liquid, solid or semi-solid) of material(s) released:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Please attach copies of material safety data sheets (MSDS) for released material(s).**

- e. The release affected: \_\_\_ Air \_\_\_ Groundwater \_\_\_ Surface Water \_\_\_ Soil \_\_\_ Sediment
- f. Name and distance to nearest surface water body(s), even if unaffected (include locations of creeks, streams, rivers and ditches that discharge to surface water on maps):  
\_\_\_\_\_  
\_\_\_\_\_

Has the release reached the surface water identified above?: \_\_\_ Yes \_\_\_ No  
Could the release potentially reach the surface water identified above? \_\_\_ Yes \_\_\_ No  
Explain: \_\_\_\_\_  
\_\_\_\_\_

- g. Depth to nearest aquifer/groundwater: \_\_\_\_\_  
Is nearest aquifer/groundwater potable (drinkable)? \_\_\_ Yes \_\_\_ No  
Has the release reached the nearest aquifer/groundwater? \_\_\_ Yes \_\_\_ No  
Explain: \_\_\_\_\_

- Explain: \_\_\_\_\_

- Explain: \_\_\_\_\_

- 
- 
- 

- [illegible]

a. Adjacent land uses include (check all that apply and depict on site maps):  
 \_\_\_ Residential \_\_\_ Commercial \_\_\_ Light Industrial \_\_\_ Heavy Industrial \_\_\_ Agricultural  
 Other (describe): \_\_\_\_\_

---

#### 4 - CLEANUP INFORMATION

- a. Was site cleanup performed? \_\_\_\_ Yes \_\_\_\_ No

If No, explain: \_\_\_\_\_

- b. Who performed the site cleanup?

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Cleanup Supervisor: \_\_\_\_\_

Phone Number(s): \_\_\_\_\_

- c. Has all contamination been removed from the site? \_\_\_\_ Yes \_\_\_\_ No

If No, explain: \_\_\_\_\_

- d. Estimated volume of contaminated soil removed: \_\_\_\_\_

- e. Estimated volume of contaminated soil left in place: \_\_\_\_\_

- f. Was a hazardous waste determination made for cleanup materials? \_\_\_\_ Yes \_\_\_\_ No

- g. Based on the determination, are the cleanup materials hazardous wastes?

\_\_\_\_ Yes \_\_\_\_ No If Yes, list all waste codes: \_\_\_\_\_

- h. Was contaminated soil or water disposed of at an off-site location? \_\_\_\_ Yes \_\_\_\_ No

**If yes, attach copies of receipts/manifests/etc., and provide the following information:**

Facility Name: \_\_\_\_\_

Address: \_\_\_\_\_

Facility Contact: \_\_\_\_\_

Phone Number(s): \_\_\_\_\_

- i. Is contaminated soil or water being stored and/or treated on-site? \_\_\_\_ Yes \_\_\_\_ No

If yes, please describe the material(s), storage and/or treatment area, and methods utilized (attach additional sheets if necessary):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- j. Describe cleanup activities including what actions were taken, dates and times actions were initiated and completed, volumes of contaminated materials that were removed, etc. (attach additional sheets or contractor reports if necessary or more convenient):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## 5 - SAMPLING INFORMATION

**Attach copies of all sample data and indicate locations of sample collection on maps.**

- a. Were samples of contaminated soil collected? ☐ Yes ☐ No ☐ N/A
- b. Were samples of contaminated water collected? ☐ Yes ☐ No ☐ N/A
- c. Were samples collected to show that all contamination had been removed?  
☐ Yes ☐ No ☐ N/A
- d. Describe sampling activities, results and discuss rationale for sampling methods:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## 6 - SPILL REPORT CHECKLIST

**To ensure that you have gathered all the information requested by the Department in this Spill/Release Report, please complete the following checklist:**

- \_\_\_\_\_ Map(s) of the site showing buildings, roads, surface water bodies, ditches, waterways, point of the release, extent of contamination, areas of excavation and sample collection locations attached.
- \_\_\_\_\_ Material Safety Data Sheet (MSDS) for released material(s) attached. **Note: an MSDS is not required for motor fuels.**
- \_\_\_\_\_ Sampling data/analytical results attached.
- \_\_\_\_\_ Receipts/manifests (if any) for disposal of cleanup materials attached.
- \_\_\_\_\_ Contractor reports (if any) attached.

*If you would like to submit your report by e-mail it can be submitted electronically to:*  
*DOSPILLS@deg.state.or.us*

---

## **CFR 302.5 Determination of Reportable Quantities.**

### **§302.5 Determination of reportable quantities.**

(a) *Listed hazardous substances.* The quantity listed in the column "Final RQ" for each substance in table 302.4, or in appendix B to table 302.4, is the reportable quantity (RQ) for that substance. The RQs in table 302.4 are in units of pounds based on chemical toxicity, while the RQs in appendix B to table 302.4 are in units of curies based on radiation hazard. Whenever the RQs in table 302.4 and appendix B to the table are in conflict, the lowest RQ shall apply.

(b) *Unlisted hazardous substances.* Unlisted hazardous substances designated by 40 CFR 302.4(b) have the reportable quantity of 100 pounds, except for those unlisted hazardous wastes which exhibit toxicity identified in 40 CFR 261.24. Unlisted hazardous wastes which exhibit toxicity have the reportable quantities listed in Table 302.4 for the contaminant on which the characteristic of toxicity is based. The reportable quantity applies to the waste itself, not merely to the toxic contaminant. If an unlisted hazardous waste exhibits toxicity on the basis of more than one contaminant, the reportable quantity for that waste shall be the lowest of the reportable quantities listed in Table 302.4 for those contaminants. If an unlisted hazardous waste exhibits the characteristic of toxicity and one or more of the other characteristics referenced in 40 CFR 302.4(b), the reportable quantity for that waste shall be the lowest of the applicable reportable quantities.

[51 FR 34547, Sept. 29, 1986, as amended at 54 FR 22538, May 24, 1989; 67 FR 45356, July 9, 2002]

Source: <http://www.ecfr.gov/cgi-bin/text->

[idx?SID=ae7008f32f7b4ff9b1e03e6748d420dd&node=se40.28.302\\_15&rgn=div8](http://www.ecfr.gov/cgi-bin/text-idx?SID=ae7008f32f7b4ff9b1e03e6748d420dd&node=se40.28.302_15&rgn=div8)



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# EXHIBIT

## A – Health and Safety Plan

# HEALTH AND SAFETY PLAN

For General Activities Performed by  
WasteXpress Employees



5812 S. Adams St.,  
Tacoma, WA 98409

March 8<sup>th</sup> 2019

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## Introduction

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## Introduction

### ***Safe Work Policy***

WasteXpress (WasteXpress) recognizes that our people drive the business. As the most critical resource, employees will be safeguarded through training, provision of appropriate work surroundings, and procedures that foster protection of health and safety. All work conducted by WasteXpress employees will take into account the intent of this policy. No duty, no matter what its perceived result, will be deemed more important than employee health and safety.

WasteXpress is firmly committed to the safety of our employees. We will do everything possible to prevent workplace accidents and we are committed to providing a safe working environment for all employees.

We value our employees not only as employees but also as human beings critical to the success of their family, the local community, and WasteXpress.

Employees are encouraged to report any unsafe work practices or safety hazards encountered on the job. All accidents/incidents (no matter how slight) are to be immediately reported to the supervisor on duty.

A key factor in implementing this policy will be the strict compliance to all applicable federal, state, local, and Company policies and procedures. Failure to comply with these policies may result in disciplinary actions.

Respecting this, WasteXpress will make every reasonable effort to provide a healthy and safe workplace that is free from any recognized or known potential hazards. Additionally, WasteXpress subscribes to these principles:

All accidents are preventable through implementation of effective health and safety control policies and programs. Health and safety controls are a major part of our work every day.

Accident prevention is good business. It minimizes human suffering, promotes better working conditions for everyone, holds WasteXpress in higher regard with customers, and increases productivity. This is why WasteXpress will comply with all health and safety regulations that apply to the course and scope of operations.

Management is responsible for providing the safest possible workplace for Employees. Consequently, management of WasteXpress is committed to allocating and providing all of the resources needed to promote and effectively implement this safety policy.

Employees are responsible for following safe work practices and company rules, and for preventing accidents and injuries. Management will establish lines of communication to solicit and receive comments, information, suggestions and assistance from employees where Health and safety are concerned.

Management and supervisors of WasteXpress will set an exemplary example with good attitudes and strong commitment to health and safety in the workplace. Toward this end, management must monitor company health and safety performance, working environment and conditions to ensure that program objectives are achieved.

Our Health & Safety Plan (HSP) applies to all employees and persons affected or associated in any way by the scope of this business. Everyone's goal must be to constantly improve safety awareness and to prevent accidents and injuries.

Every employee is empowered to:

- Conduct their work in a safe manner.
- Stop work immediately to correct any unsafe condition that is encountered.
- Take corrective actions so that work may proceed in a safe manner.

Occupational health, safety, and environmental protection will not be sacrificed for production. These elements are integrated into quality control, cost reduction, and job performance, and are crucial to our success.

## ***Specific Health, Safety, and Environment Goals***

All employees are to strive to meet the specific Health, Safety, and the Environment (HSE) principles of WasteXpress when established on site-specific Health and Safety Plans.

Our safety program applies to all employees and persons affected or associated in any way by the scope of this business. Everyone's goal must be to constantly improve safety awareness and to prevent accidents and injuries.

Everyone at WasteXpress must be involved and committed to health and safety. This must be a team effort. Together, we can prevent accidents and injuries. Together, we can keep each other healthy and safe in the work that provides our livelihood.

### **HSP Applicability**

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#### **Health and safety Plan Applicability**

This HSP applies to:

- All WasteXpress staff working on a site.
- All visitors to the WasteXpress Facility or a project site in the custody of WasteXpress (including visitors from the Client, the Government, the public, and other staff from WasteXpress).

This HSP does not apply to the third-party contractors, their workers, their subcontractors, their visitors, or any other persons not under the direct control or custody of WasteXpress.

This HSP defines the procedures and requirements for the health and safety of WasteXpress staff and visitors when they are physically at a location describe above. The work site includes the WasteXpress Transfer Facility location; or a project area (as defined by the contract documents or where there is a general understanding of a work area) and the project offices, trailers, and facilities thereon.

The HSP is designed to provide all WasteXpress and other applicable requirements and procedures for WasteXpress staff and visitors while on the project area.

This HSP will be kept onsite during field activities and will be reviewed as necessary. The HSP will be amended or revised as needed throughout the project. In cases of contradictions between this HSP and governmental regulation, the more restrictive condition will be applied.

All WasteXpress staff must sign the employee sign-off form to acknowledge understanding of this document.

### **General Project Overview**

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#### **General Overview**

The intent of this general HSP is to give employees, clients, and other personnel information to cover WasteXpress's broad scope of services, and to be aware of the many hazards which typically exist on construction sites and during transport of non-hazardous and hazardous materials.

This HSP is designed to cover most aspects of the following activities:

- Transport and proper disposal of hazardous and non-hazardous materials
- Waste characterization
- Waste determination
- Consolidation of hazardous and non-hazardous materials
- Sampling and Analysis
- Waste Disposal
- Oil Water Separator Clean-Outs
- Vacuum Services

- Lab Pack (Waste Characterization)
- DOT Packaging
- Use of hand and power tools
- Operating forklifts
- Proper Personal Protective Equipment (PPE)
- CEG
- Regulated Generators

## **Personnel and Responsibilities**

### **WasteXpress**

#### **Responsible Health and safety Manager (RHSM)**

Name: Jeremy Komp

Office: Portland, OR

Office Number: 503-793-2862 The RHSM is responsible for the following:

- Approve WasteXpress's HASP, any revisions, and each Activity Hazard Analysis (AHA) covered in WasteXpress's Job Hazard Analysis (JHA)
- Participate in incident investigations, lessons learned, and loss/near loss reporting.
- Verify WasteXpress site personnel read the HSP and sign the Employee Sign-Off Form, prior to commencing field activities.
- Verify WasteXpress site personnel have completed any required specialty training (e.g., fall protection, confined space entry) and medical surveillance as identified in this HSP.
- Hold/verify that safety meetings are conducted and documented in the project file initially and as needed throughout the course of the project (e.g., as tasks or hazards change).
- Verify appropriate Personal Protective Equipment (PPE) use, availability, and training.
- Conduct accident investigations including root cause analysis.
- Maintain HSE records and documentation.

The RHSM will work with Project Managers for compliance of the HSP.

#### **Facility Operations Manager (OM)**

PM Name: Paul Krebsbach

Office: Portland OR

Office Number: 360-688-4783

The OM is responsible for providing adequate resources (budget and staff) for WasteXpress Transfer Facility (facility) specific implementation of the HSE management process. The OM has overall management responsibility at the facility for WasteXpress's work and of the tasks listed below. The OM may explicitly delegate specific tasks to other staff, as described in sections that follow, but retains ultimate responsibility for completion of the following in accordance with this document:

- Ensure copies of training and medical monitoring records, and site-specific safety procedures are held at the facility.
- Provide oversight of WasteXpress HSE practices per the facility-specific safety plans/procedures.
- Manage the facility and interfacing with third parties in a manner consistent with applicable standard of reasonable care.
- Support/implement use of a work stoppage when safety performance is not adequate.
- Deliver HSE training as needed based on facility-specific hazards and activities.
- When an apparent imminent danger exists, immediately remove all affected WasteXpress employees, and stop affected work until adequate corrective measures are implemented. Notify the other WasteXpress personnel as appropriate.

- Act as the project Emergency Response Coordinator and Hazard Communication Coordinator and perform the responsibilities outlined in the HSP.
- Verify that facility files available to personnel include copies of WasteXpress's training and medical monitoring records, and accepted facility-specific safety procedures.

The OM has the responsibility to dictate these and other facility-based tasks to WasteXpress staff when necessary.

## **Project Manager (PM)**

PM Name: Varies with each project Office:

Portland, OR

Office Number: 503.224.3206

The PM is responsible for providing adequate resources (budget and staff) for project-specific implementation of the HSE management process. The PM has overall management responsibility at the site for WasteXpress's scope of work and of the tasks listed below. The PM may explicitly delegate specific tasks to other staff, as described in sections that follow, but retains ultimate responsibility for completion of the following in accordance with this document:

- Ensure copies of training and medical monitoring records, and site-specific safety procedures are available as Needed.
- Provide oversight of WasteXpress HSE practices per the site-specific safety plans/procedures.
- Manage the site and interfacing with third parties in a manner consistent with the contractual agreement and the applicable standard of reasonable care.
- Support/implement use of stop-work orders when safety performance is not adequate.
- Deliver field HSE training as needed based on project-specific hazards and activities.
- When an apparent imminent danger exists, immediately remove all affected WasteXpress employees, and stop affected work until adequate corrective measures are implemented. Notify the other WasteXpress personnel as appropriate.
- Act as the project Emergency Response Coordinator and Hazard Communication Coordinator and perform the responsibilities outlined in the HSP.
- Verify that project files available to site personnel including copies of WasteXpress's training and medical monitoring records and accepted site-specific safety procedures.

The PM has the responsibility to dictate these and other project-based tasks to WasteXpress staff on-site when necessary.

## **WasteXpress Subcontractors**

Subcontractors must be monitored for compliance of the WasteXpress HSP through the following procedures:

- Attend a safety orientation, pre-job meeting or kick-off meeting provided by WasteXpress prior to any work beginning
- Monitor employees for substance abuse and report nonconformities to WasteXpress
- Ensure personnel have the required training and competency for their work
- Participate in WasteXpress tailgate safety meetings, job safety analysis or hazard assessments and on the job safety inspections.
- Perform a pre-job safety inspection that includes equipment
- Report all injuries, spills, property damage incidents and near misses
- Comply with onsite and Owner Client safety rules
- Implement WasteXpress safety practices and processes as applicable
- Clean up and restore the worksite after the job is over
- Ensure compliance with regulations at all times
- Post job safety performance reviews shall be conducted for subcontractors.

## **Employee Responsibilities**

All personnel are assigned responsibility for healthy and safe operations. This concept is the foundation for involving all employees in identifying hazards and providing solutions. For any operation, individuals have full authority to stop work and initiate immediate corrective action or control. In addition, each worker has a right and responsibility to report unsafe

conditions/practices. This right represents a significant facet of worker empowerment and program ownership.

The primary responsibility of the employees of WasteXpress is to perform his or her duties in a safe manner in order to prevent injury to themselves and others.

As a condition of employment, employees MUST become familiar with, observe, and obey WasteXpress's rules and established policies for health, safety, and preventing injuries while at work. Additionally, employees MUST learn the approved safe practices and procedures that apply to their work.

Before beginning special work or new assignments, an employee should review applicable and appropriate safety rules.

If an employee has any questions about how a task should be done safely, he or she is under instruction NOT to begin the task until he or she discusses the situation with his or her supervisor. Together, they will determine the safe way to do the job.

If, after discussing a safety situation with his or her supervisor, an employee still has questions or concerns, he or she should contact the RHSM.

NO EMPLOYEE IS EVER REQUIRED to perform work that he or she believes is unsafe, or that he or she thinks is likely to cause injury or a health risk to themselves or others.

All work-related injuries must be reported to your supervisor immediately.

These rules are established to help employees stay safe and injury free. Violation of the above rules or conduct that does not meet minimum accepted work standards, may result in discipline, up to and including discharge.

When working at a client's location, employees are required to follow the above rules, as well as all customer rules and procedures, and work in a manner that reflects positively on the company. Before operating any equipment at a customer location, permission must first be secured from the customer contact.

Through shared values and a belief that most accidents are preventable, our employees accept personal responsibility for working safely.

Each employee is responsible for the following performance objectives:

- Perform work in a safe manner and produce quality results.
- Perform work in accordance with company policies, and report injuries, illnesses, and unsafe conditions.
- Complete work without injury, illness, or property damage.
- Report all incidents immediately to supervisor, and file proper forms with the PM or RHSM.
- Report all hazardous conditions and/or hazardous activities immediately to supervisor for corrective action.
- Complete an HSE orientation prior to being authorized to enter the project work areas.

## **Site-Specific Safety Planning and Analysis**

## **Site-Specific Safety Planning and Analysis**

### ***Safety Meetings and Pre-Task Safety Plans***

Safety meetings are held as necessary with all WasteXpress field personnel to review the hazards posed, required HSE procedures, and JHA for daily project activities as applicable. The PM, OM or RHSM will conduct these meetings and receive input from WasteXpress staff members.

Health and safety risk analysis has been performed to identify general hazards. The following shows the hierarchy of control for an individual hazard:

- Elimination of the hazards;
- Substitution;
- Engineering controls (e.g., ventilate a confined space to improve air quality);
- Warnings (e.g., establish exclusion zones to keep untrained people away from hazardous waste work);
- Administrative controls (e.g., implement a work-rest schedule to reduce chance of heat stress);

- Use of PPE (e.g., use of respirators when action levels are exceeded).

The hazard controls and safe work practices are discussed in individual sections as follows:

- General Hazards and Controls;
- Project-Specific Hazards and Controls;
- Biological Hazards and Controls;
- Contaminants of Concern.

## ***Activity Hazard Analysis (AHA's)***

The AHA's define each activity being performed, the hazards posed and control measures required to perform the work safely. Individual AHA's are developed separately as extensions to this document.

The following activities are anticipated in WasteXpress's general scope of work:

- Potential Hazard Project Activity;
- Vehicle and Forklift operation
- Biological Hazards;
- Chemical Hazards;
- Drum handling safety;
- Confined Space Entry;
- Electrical Safety;
- Excavation;
- Hand and Power Tools;
- Knife Use;
- Manual Lifting;
- Noise;
- Stairways and Ladders;
- Temperature Extremes;
- Traffic Awareness and Control;
- UV Exposure (sunburn);
- Utilities (underground);
- Utilities (overhead).

Each of these is covered under the section Activity-Specific Hazards and Controls.

## **General Hazards and Controls**

### ***General Hazards and Controls General Practices***

These procedures are applicable to work performed under all conditions:

- Sweep up shavings from around equipment such as drill presses, lathes or planers by using a broom and a dust pan.
- Do not place materials such as boxes or trash in walkways and passageways.
- Mop up water around drinking fountains, drink dispensing machines and ice machines immediately.
- Do not store or leave items on stairways.
- Do not block or obstruct stairwells, exits or accesses to safety and emergency equipment such as fire extinguishers or fire alarms.
- Do not block the walking surfaces of elevated working platforms, such as scaffolds, with tools or materials that are not being used.
- Straighten or remove rugs and mats that do not lie flat on the floor.
- Remove protruding nails or bend them down into the lumber by using a claw hammer.
- Return tools to their storage places after using them.
- Do not use gasoline for cleaning purposes.
- Use caution signs or cones to barricade slippery areas such as freshly mopped floors.

## **Vehicle Use Policy**

This policy applies to vehicles owned, leased, or rented to WasteXpress.

- All drivers must have a valid driver's license.
- Class A, B, and C licensed drivers must have a DOT medical card
- All drivers must be on WasteXpress insurance
- All drivers must have a clean driving record
- Drivers may not have convictions for driving under the influence (DUI) within the past 5 years
- Drivers may not have felony driving convictions
- Drivers must have HAZMAT endorsement
- Drivers records will be checked annually to confirm they remain acceptable

## **Vehicle Operation**

A driver should:

- Never, under any circumstances, use a cell phone, PDA, or other electronic device (including a GPS) while driving.
- Complete vehicle inspection logs daily and turn in to the safety manager each morning
- Complete driving logs each day and turn in at the end of each week
- Always obey speed limits and all other laws of driving.
- Not drive while drowsy, tired, or if there are any adverse health effects which would impair driving.
- Park vehicle in a secure area concluding days activities with vehicle locked
- Smoking is not permitted while driving WasteXpress vehicles

## **Accident Reporting**

- Take necessary steps to protect the lives of yourself and others.
- Comply with police instructions.
- Do not assume or admit fault. Others will determine liability and negligence after thorough investigation.
- Report the accident to WasteXpress as soon as possible.

## **Fire Prevention**

- Smoking is only allowed in designated exterior smoking areas.
- No candles or open flames are allowed within 15 feet of equipment, personnel, or debris.
- WasteXpress contractors performing hot work must contact the PM for approval, label the area, and caution tape off the area.
- If you feel that there is a work-related need to use a flammable chemical, contact the supervisor or PM for guidance on Hazard Communication and fire safety.

## **Activity-Specific Hazards and Controls**

### **Project-Specific Hazards and Controls**

This section is designed to provide practices for staff which, when properly implemented, may reduce or eliminate the hazard. These are expected of WasteXpress staff members and are enforced by the PM. WasteXpress employees must remain aware of the hazards affecting them regardless of who is responsible for controlling the hazards.

### **Drum Handling and Safety**

Accidents may occur during handling of drums and other hazardous waste containers. Hazards include detonations, fires, explosions, vapor generation, and physical injury resulting from moving heavy containers by hand and working around stacked drums, heavy equipment, and deteriorated drums. While these hazards are always present, proper work practices-such as minimizing handling and using equipment and procedures that isolate workers from hazardous substances-can minimize the risks to site personnel.

This chapter defines practices and procedures for safe handling of drums and other hazardous waste containers. It is intended to aid the Project Team Leader in setting up a waste container handling program. In addition to reading this chapter, the Project Team Leader should also be aware of all pertinent regulations. OSHA regulations (29 CFR Parts 1910 and 1926) include general requirements and standards for storing, containing, and handling chemicals and containers, and

for maintaining equipment used for handling materials. EPA regulations (40 CFR Part 265) stipulate requirements for types of containers, maintenance of containers and containment structures, and design and maintenance of storage areas. DOT regulations (49 CFR Parts 171 through 178) also stipulate requirements for containers and procedures for shipment of hazardous wastes.

Containers are handled during characterization and removal of their contents and during other operations:

The appropriate procedures for handling drums depend on the drum contents. Thus, prior to any handling, drums should be visually inspected to gain as much information as possible about their contents. The inspection crew should look for:

- Symbols, words, or other marks on the drum indicating that its contents are hazardous, e.g., radioactive, explosive, corrosive, toxic, flammable.
- Symbols, words, or other marks on a drum indicating that it contains discarded laboratory chemicals, reagents, or other potentially dangerous materials in small-volume individual containers
- Signs of deterioration such as corrosion, rust, and leaks.
- Signs that the drum is under pressure such as swelling and bulging.
- Drum type
- Configuration of the drumhead.

Conditions in the immediate vicinity of the drums may provide information about drum contents and their associated hazards. Monitoring should be conducted around the drums using instruments such as a gamma radiation survey instrument, organic vapor monitors, and a combustible gas meter.

The results of this survey can be used to classify the drums into preliminary hazard categories, for example:

- Radioactive.
- Leaking/deteriorated.
- Bulging.
- Explosive/shock-sensitive
- Flammability / Inhalation Hazards
- Contains small-volume individual containers of laboratory wastes or other dangerous materials.

As a precautionary measure, personnel should assume that unlabeled drums contain hazardous materials until their contents are characterized. Also, they should bear in mind that drums are frequently mislabeled-particularly drums that are reused. Thus, a drum's label may not accurately describe its contents.

If buried drums are suspected, ground-penetrating systems, such as electromagnetic wave, electrical resistivity, ground-penetrating radar, magnetometry, and metal detection, can be used to estimate the location and depth of the drums.

## ***Drum Sampling Procedures***

WasteXpress drum sampling procedure is designed to provide a safe and cost-effective way at hazardous sites to assess the contents of drums with unknown contents. Container contents are sampled and characterized for disposal, bulking, recycling, and classification purposes. These procedures may be varied or changed as required to meet the limitations imposed by site conditions.

- Prior to sampling, drums must be inspected, staged, and opened
- Opening of closed drums can be done manually or remotely
- Once a drum is open, a glass thief tube can be used for sampling
- Preservatives should not be used for drum samples, but the samples should be cooled to 4 degrees Celsius and protected from sunlight
- Once a drum is open, a glass thief tube can be used for sampling
- Drum samples should be: labeled with appropriate field data, placed in two resealable plastic bags and a chain of custody must be filled out
- Until drum contents are characterized, sampling personnel should assume that unlabeled drums contain hazardous materials
- Labeled drums are frequently mislabeled especially on drums that are reused
- A leaking, open, or deteriorated drum must be immediately placed in an overpack container
- The practice of tapping drums to determine their contents is neither safe nor effective and may be unsafe if the contents of the drum are pressurized
- Opening of closed drums can be done manually or remotely
- Over pressurized drums can sometimes be identified as the head is swollen several inches above the level of the chime
- Extreme caution should be used when releasing pressure on an over pressurized drum.

- Approved tools for opening drums include a bung wrench, drum deheader (steel blade), hand pick, pickaxe, and remotely opened with a backhoe spike
- To prepare for drum sampling: 1) determine the extent of the sampling effort, and the types and amounts of equipment needed on site 2) obtain necessary sampling and monitoring equipment 3) pre-clean equipment and be sure it is in working order 4) prepare scheduling with staff, and perform a general site survey in accordance with the Health and Safety Plan
- If buried drums are reported on-site and prior to beginning excavation activities, a geophysical investigation should be completed to determine the approximate location and depth of the drums. \*Both underground and above ground utilities must be located /cleared prior to any excavating / digging attempts to expose buried drums.
- As drums are exposed, care should be taken not to tear open the drums, the condition of the drums should be assessed, and in excavations ambient air monitoring should be done to determine the presence of unsafe levels of volatile organics or explosives.
- Prior to handling, drums should be inspected for: 1) condition (rust, punctures, etc.) 2) symbols, words, or markers indicating hazards 3) signs the drum is under pressure 4) shock sensitivity
- A glass thief tube may be used to sample a drum containing liquids. A coring device may be used to sample a drum containing solids.

## **Drum Opening Procedures**

Until the condition and contents of drums and containers has been positively identified, those approaching the site (from the upwind side where possible) are approaching an unknown hazard and must be appropriately protected. The minimum acceptable level of **PPE** for approaching a site of unknown **toxicity** is Level B. Additional information that has been gathered about the site through historical records or remote observation may indicate a potential hazard requiring Level A protection.

### **Special Drum Types and Their Associated Hazards Planning:**

Since drum handling is fraught with danger, every step of the operation should be carefully planned, based on all the information available at the time. The results of the preliminary inspection can be used to determine:

- (1) If the drum can be moved, and/or opened due to integrity issues
- (2) if any hazards are present and the appropriate response, and
- (3) which drums need to be moved in order to be opened and sampled. A preliminary plan should be developed which specifies the extent of handling necessary, the personnel selected for the job, and the most appropriate procedures based on the hazards associated with the probable drum contents as determined by visual inspection. This plan should be revised as new information is obtained during drum handling.

### **Special Drum Types and Their Associated Hazards:**

**Polyethylene or PVC- Lined Drums**

Often contain strong acids or bases. If the lining is punctured, the substance usually quickly corrodes the steel, resulting in a significant leak or spill.

**Exotic Metal Drums (e.g., aluminum, nickel, stainless steel or other unusual metal)** Very expensive drums that usually contain an extremely dangerous material.

UN steel or polymer drums most likely contain hazardous materials

**Single-Walled Drums Used as a Pressure Vessel**

These drums have fittings for both product filling and placement of an inert gas, such as nitrogen. May contain reactive, flammable, or explosive substances.

Non-UN drums often contain food grade products

**Laboratory Packs** used for disposal of expired chemicals and process samples from university laboratories, hospitals, and similar institutions. Individual containers within the lab pack are often not packed in absorbent material. They may contain incompatible materials, radioisotopes, shock-sensitive, highly volatile, highly corrosive, or very toxic exotic chemicals. Laboratory packs can be an ignition source for fires at hazardous waste sites.

### **Handling**

The purpose of handling is to (1) respond to any obvious problems that might impair worker safety, such as radioactivity, leakage, or the presence of explosive substances, (2) unstack and orient drums for sampling, (3) segregate drums due to incompatible hazardous class, and (4) if necessary, to organize drums into different areas on site to facilitate characterization and remedial action (see Staging in this chapter). Handling may or may not be necessary, depending on how the drums are positioned at a site.

Since accidents occur frequently during handling, particularly initial handling, drums should only be handled if necessary. Prior to handling, all personnel should be warned about the hazards of handling, and instructed to minimize handling as much as possible and to avoid unnecessary handling. In all phases of handling, personnel should be alert for new information about potential hazards. These hazards should be responded to before continuing with more routine handling operations. Overpack drums (larger drums in which leaking or damaged drums are placed for storage or shipment [see 49 CFR Part 173.3(c)]) and an adequate volume of absorbent should be kept near areas where minor spills may occur. Where major spills may occur, a containment berm adequate to contain the entire volume of liquid in the drums should be constructed before any handling takes place. If the drum contents spill, personnel trained in spill response should be used to isolate and contain the spill. Backhoe with drum grapppler.

Several types of equipment can be used to move drums: (1) A drum grapppler attached to a hydraulic excavator; (2) a small front-end loader, which can be either loaded manually or equipped with a bucket sling; (3) a rough terrain forklift; (4) a roller conveyor equipped with solid rollers; and (5) drum carts designed specifically for drum handling. Drums are also sometimes moved manually. The drum grapppler is the preferred piece of equipment for drum handling. It keeps the operator removed from the drums so that there is less likelihood of injury if the drums detonate or rupture. If a drum is leaking, the operator can stop the leak by rotating the drum and immediately placing it into an overpack. In case of an explosion, grapppler claws help protect the operator by partially deflecting the force of the explosion.

The following procedures can be used to maximize worker safety during drum handling and movement:

- Train personnel in proper lifting and moving techniques to prevent back injuries.
- Make sure the vehicle selected has sufficient rated load capacity to handle the anticipated loads, and make sure the vehicle can operate smoothly on the available road surface.
- Air condition the cabs of vehicles to increase operator efficiency; protect the operator with heavy splash shields.
- Supply operators with appropriate respiratory protective equipment when needed. This improves operator efficiency and provides protection in case the operator must abandon the equipment.
- Have overpacks ready before any attempt is made to move drums.
- Before moving anything, determine the most appropriate sequence in which the various drums and other containers should be moved. For example, small containers may have to be removed first to permit heavy equipment to enter and move the drums.
- Exercise extreme caution in handling drums that are not intact and tightly sealed.
- Ensure that operators have a clear view of the roadway when carrying drums. Where necessary, have ground workers available to guide the operator's motion.

#### **Drums Containing Radioactive Waste**

- If the drum exhibits radiation levels above background immediately contact a health physicist. Do not handle any drums that are determined to be radioactive until persons with expertise in this area have been consulted.

#### **Drums that May Contain Explosive or Shock-Sensitive Waste**

- If safety cannot be guaranteed call local Bomb Squad
- If a drum is suspected to contain explosive or shock-sensitive waste as determined by visual inspection, seek specialized assistance before any handling.
- If handling is necessary, handle these drums with extreme caution.
- Prior to handling these drums, make sure all nonessential personnel have moved a safe distance away.
- Use a grapppler unit constructed for explosive containment for initial handling of such drums.
- Palletize the drums prior to transport. Secure drums to pallets.
- Use an audible siren signal system, similar to that employed in conventional blasting operations, to signal the commencement and completion of explosive waste handling activities.
- Maintain continuous communication with the Site Safety Officer and/or the command post until drum handling operations are complete.

#### **Bulging Drums**

- Pressurized drums are extremely hazardous. Wherever possible, do not move drums that may be under internal pressure, as evidenced by bulging or swelling.
- If a pressurized drum has to be moved, whenever possible handle the drum with a grapppler unit constructed for explosive containment. Either move the bulged drum only as far as necessary to allow seating on firm ground, or carefully overpack the drum. Exercise extreme caution when working with or adjacent to potentially pressurized drums.

#### **Drums Containing Packaged Laboratory Wastes (Lab Packs)**

Laboratory packs (i.e., drums containing individual containers of laboratory materials normally surrounded by cushioning absorbent material) can be an ignition source for fires at hazardous waste sites. They sometimes contain shock-sensitive materials. Such containers should be considered to hold explosive or shock-sensitive wastes until otherwise characterized. If handling is required, the following precautions are among those that should be taken:

- Prior to handling or transporting lab packs, make sure all non-essential personnel have moved a safe distance away.
- Whenever possible, use a grapppler unit constructed for explosive containment for initial handling of such drums.
- Maintain continuous communication with the Site Safety Officer and/or the command post until handling operations are complete.

- Once a lab pack has been opened, have a chemist inspect, classify, and segregate the bottles within it, without opening them, according to the hazards of the wastes. The objective of a classification system is to ensure safe segregation of the lab packs' contents. Pack these bottles with sufficient cushioning and absorption materials to prevent excessive movement of the bottles and to absorb all free liquids, and ship them to an approved disposal facility.
- If crystalline material is noted at the neck of any bottle, handle it as a shock-sensitive waste, due to the potential presence of picric acid or other similar material, and get expert advice before attempting to handle it.

- Palletize the repacked drums prior to transport. Secure the drums to pallets.

#### Leaking, Open, and Deteriorated Drums

- If a drum containing a liquid cannot be moved without rupture, immediately transfer its contents to a sound drum using a pump designed for transferring that liquid.
- Using a drum grapppler, place immediately in overpack containers:
- Leaking drums that contain sludges or semi-solids.
- Open drums that contain liquid or solid waste.
- Deteriorated drums that can be moved without rupture.

#### Buried Drums

- Prior to initiating subsurface excavation, use ground penetrating systems to estimate the location and depth of the drums.
- Remove soil with great caution to minimize the potential for drum rupture.
- Have a dry chemical fire extinguisher on hand to control small fires.

## Confined Space Entry

Confined Space entry is required for some projects. While most confined spaces do not require a permit, investigation will be conducted to determine whether a confined space is a non-permit required confined space. A non-permit required confined space is defined as a confined space (limited access/egress, able to physically enter, and not designed for continuous human occupancy); however, there are no atmospheric hazards, engulfment/entrapment hazards or any other hazards that require a permit and other requirements specific to permit-required confined spaces.

If any spaces cannot be positively identified as non-permit confined spaces, WasteXpress employees are not to enter the space; additional training and planning will be required, including a separate AHA.

If adhesives and sealants with harmful odors are used during confined space entry work, ventilation should be used for the duration the space is being worked in.

Only trained and authorized employees are permitted to enter confined spaces. If an employee believes that their job requires confined space entry, contact the project supervisor prior to undertaking the work. Confined spaces are areas not meant for human occupancy, have limited means of entry/exit, and have electrical, chemical, thermal, atmospheric, or entrapment hazards.

Hazards of the space, emergency planning, communication means, and hazard controls will be discussed during the Daily Safety Meeting for days on which confined space entry is planned. WasteXpress employees may not enter the space if alone on-site. A buddy must be present and will serve to monitor activities within the space.

The following requirements must be met for confined space entry:

- A buddy must maintain communication with entrant(s) to monitor entrant status.
- Provide ventilation and conduct air monitoring during entry.
- Evacuate the space upon orders of the PM or buddy, or when a prohibited condition or dangerous situation is recognized.
- Rescue personnel must be on site with proper rescue equipment

WasteXpress personnel entering confined spaces requiring respiratory protection must have received a respirator fit test and completed respirator wearer medical surveillance.

# ***Electrical Safety***

Below are the hazard controls and safe work practices to follow when using electrical tools, extension cords, and/or other electrical-powered equipment or when exposed to electrical hazards.

## **General Electrical Safety**

- Keep electrical cords out of areas where they will be damaged by stepping on or kicking them.
- Turn electrical appliances off with the switch, not by pulling out the plug.
- Turn all appliances off before leaving for the day.
- Never run cords under rugs or other floor coverings.
- Any electrical problems should be reported immediately.
- The following areas must remain clear and unobstructed at all times:
  - Exit doors
  - Aisles
  - Electrical panels
  - Fire extinguishers
- Extension cords must be equipped with third-wire grounding. Cords passing through work areas must be covered, elevated or protected from damage. Cords should not be routed through doorways unless protected from pinching. Cords should not be fastened with staples, hung from nails, or suspended with wire.
- Operate and maintain electric power tools and equipment according to manufacturers' instructions.
- Maintain safe clearance distances between overhead power lines and any electrical conducting material unless the power lines have been de-energized and grounded, or where insulating barriers have been installed to prevent physical contact. Maintain at least 10 feet (3 meters) from overhead power lines for voltages of 50 kV or less, and 10 feet (3 meters) plus ½ inch (1.27 cm) for every 1 kV over 50 kV.
- Protect all electrical equipment, tools, switches, and outlets from environmental elements.

## **Portable Generator Hazards**

- Do NOT use a generator indoors or in similar enclosed or partially-enclosed spaces. Generators produce carbon monoxide (CO) which has adverse health effects, and precautions must be made to insure that CO is not allowed to accumulate in pocketed areas.
- Follow the instructions that came with your generator.
- Keep the generator dry and do not use in rain or wet conditions.
- If the generator is not equipped with ground fault circuit interrupter (GFCI) protected circuits plug a portable GFCI into the generator and plug appliances, tools and lights into the portable GFCI.
- Never store fuel near the generator or near any sources of ignition.
- Before refueling the generator, turn it off and let it cool down.

## ***Excavation Activities***

Excavation activities may be required at some locations outside confined spaces. The depth of the excavations ranges from 12 inches to 16 feet below surface grade. If it is necessary to excavate deeper, contact the RHSM. A site-specific JHA or AHA is likely required. For any excavation deeper than 4 feet below surface grade, a competent person shall be present to supervise any work in the excavation. Protective systems are necessary at these depths and competent person shall inspect the excavation in general for hazards and installation of protective devices before entry. The excavations shall be covered and marked with caution tape if left without supervision.

## ***Hand and Power Tools***

- Do not use power equipment or tools on which you have not been trained.
- Keep power cords away from the path of drills, saws, vacuum cleaners, floor polishers, mowers, knives, and grinders.
- Do not use cords that have splices, exposed wires, or cracked or frayed ends.
- Do not carry plugged-in equipment or tools with your finger on the switch.
- Do not carry equipment or tools by the cord.
- Disconnect the tool from the outlet by pulling on the plug, not the cord.
- Turn the tool off before plugging or unplugging it.
- Do not leave tools that are "On" unattended.
- Do not handle or operate electrical tools when your hands are wet or when you are standing on wet floors.
- Do not operate spark-inducing tools such as grinders near containers labeled "Flammable."

- Turn off the electrical tool and unplug it from the outlet before attempting repairs or service work. Tag the tool "Out of Service."
- Do not use extension cords or other three-pronged power cords that have a missing prong.
- Do not use an adapter such as a cheater plug that eliminates the ground.
- Do not run extension cords through doorways, or through holes in ceilings, walls or floors.
- Do not drive over, drag, step on or place objects on a cord.
- Do not use a power hand tool while wearing wet cotton gloves or wet leather gloves.
- Never operate electrical equipment barefooted. Wear rubber-soled or insulated work boots.
- Do not operate a power hand tool or portable appliance while holding a part of the metal casing or while holding the extension cord in your hand. Hold all portable power tools by the plastic hand grips or other nonconductive areas designed for gripping purposes.
- Do not continue to work if your safety glasses become fogged. Stop work and clean the glasses until the lenses are clear and defogged.
- Tag worn, damaged or defective tools "Out of Service" and do not use them.
- Do not use a tool if the handle surface has splinters, burrs, cracks or splits.
- Do not use impact tools such as hammers, chisels, punches or steel stakes that have mushroomed heads.
- When handing a tool to another person, direct sharp points and cutting edges away from yourself and the other person.
- Do not carry sharp or pointed hand tools such as screwdrivers, scribes, chisels or files in your pocket unless the tool or your pocket is sheathed.
- Do not perform "make-shift" repairs to tools.
- Do not throw tools from one location to another or from one employee to another.
- Transport hand tools only in tool boxes or tool belts. Do not carry tools in your hand or clothing when climbing.

## ***Knife Use***

Use of open-bladed knives must be covered in the AHA and should cover the necessary safety precautions (work practices, PPE, and training). Knife users understand and follow the AHA.

## ***Manual Lifting***

Use the following procedure for manual lifting:

1. Plan the move before lifting; ensure that you have an unobstructed pathway.
2. Test the weight of the load before lifting by pushing the load along its resting surface.
3. If the load is too heavy or bulky, use lifting and carrying aids such as hand trucks, dollies, pallet jacks and carts, or get assistance from a co-worker.
4. If assistance is required to perform a lift, coordinate and communicate your movements with those of your co-worker.
5. Position your feet 6 to 12 inches apart with one foot slightly in front of the other.
6. Face the load.
7. Bend at the knees, not at the back.
8. Keep your back straight.
9. Get a firm grip on the object using your hands and fingers. Use handles when they are present.
10. Hold the object as close to your body as possible.
11. While keeping the weight of the load on your legs, stand to an erect position.
12. Perform lifting movements smoothly and gradually; do not jerk the load.
13. If you must change direction while lifting or carrying the load, pivot your feet and turn your entire body. Do not twist at the waist.
14. Set down objects in the same manner as you picked them up, except in reverse.
15. Do not lift an object from the floor to a level above your waist in one motion. Set the load down on a table or bench and then adjust your grip before lifting it higher.
16. Never lift anything if your hands are greasy or wet.
17. Wear protective gloves when lifting objects that have sharp corners or jagged edges.

## **Noise**

WasteXpress is required to control employee exposure to occupational noise levels of 85 dB and above by implementing a hearing conservation program that meets the requirements of the Occupational Safety & Health Administration (OSHA) Occupational Noise Exposure standard, 29 CFR 1910.95. A noise assessment may be conducted by the RHSM or designee based on the potential to emit noise above 85 dB and also considering the frequency and duration of the task.

- Areas or equipment emitting noise at or above 90dBA shall be evaluated to determine feasible engineering controls. When engineering controls are not feasible, administrative controls can be developed and appropriate hearing protection will be provided.
- Hearing protection must be worn in areas or around equipment emitting noise levels at or above 85 dB.
- The RHSM will evaluate appropriate controls measures and work practices for employees who have experienced a standard threshold shift (STS) in their hearing.
- Hearing protection will be maintained in a clean and reliable condition, inspected prior to use and after any occurrence to identify any deterioration or damage, and damaged or deteriorated hearing protection repaired or discarded and replaced.
- In work areas where actual or potential high noise levels are present at any time, hearing protection must be worn by employees working in or walking through the area.
- Areas where tasks requiring hearing protection are taking place may become hearing protection required areas as long as that specific task is taking place.
- High noise areas requiring hearing protection shall be posted or employees must be informed of the requirements in an equivalent manner.

## **Stairways and Ladders**

Use the following procedure when using stairways and ladders:

1. Read and follow the manufacturer's instructions label affixed to the ladder if you are unsure how to use the ladder.
2. Do not use ladders that have loose rungs, cracked or split side rails, missing rubber foot pads, or are otherwise visibly damaged.
3. Keep ladder rungs clean and free of grease. Remove buildup of material such as dirt or mud.
4. Do not place ladders in a passageway or doorway without posting warning signs or cones that detour pedestrian traffic away from the ladder. Lock the doorway that you are blocking with the ladder and post signs that will detour traffic away from your work.
5. Do not place a ladder at a blind corner or doorway without diverting foot traffic by blocking or roping off the area.
6. Allow only one person on the ladder at a time.
7. Face the ladder when climbing up or down it.
8. Maintain a three-point contact by keeping both hands and one foot or both feet and one hand on the ladder at all times when climbing up or down the ladder.
9. When performing work from a ladder, face the ladder and do not lean backward or sideways from the ladder. Do not jump from ladders or step stools.
10. Do not stand on tables, chairs, boxes or other improvised climbing devices to reach high places. Use a ladder or stepstool.
11. Do not stand on the top two rungs of any ladder.
12. Do not stand on a ladder that wobbles or that leans to the left or right of center.
13. When using a straight or extension ladder, extend the top of the ladder at least three feet above the edge of the landing.
14. Secure the ladder in place by having another employee hold it if it cannot be tied to the structure.
15. Do not move a rolling ladder while someone is on it.
16. Do not place ladders on barrels, boxes, loose bricks, pails, concrete blocks or other unstable bases.
17. Do not carry items in your hands while climbing up or down a ladder.

## **Temperature Extremes**

In situations where temperature extremes are considered a likely hazard, the following information will be reviewed during the Daily Safety Meeting.

# Heat

## General

Heat-related illnesses are caused by more than just temperature and humidity factors. See the table below for a list of symptoms of and treatment for heat stress.

**Physical fitness** influences a person's ability to perform work under heat loads. At a given level of work, the more fit a person is, the less the physiological strain, the lower the heart rate, the lower the body temperature (indicates less retained body heat—a rise in internal temperature precipitates heat injury), and the more efficient the sweating mechanism.

**Acclimatization** is the degree to which a worker's body has physiologically adjusted or acclimatized to working under hot conditions. Acclimatization affects their ability to do work. Non-acclimatized individuals sweat sooner and more profusely than un-acclimatized individuals. Acclimatization occurs gradually over 1 to 2 weeks of continuous exposure, but it can be lost in as little as 3 days in a cooler environment.

**Dehydration** reduces body water volume. This reduces the body's sweating capacity and directly affects its ability to dissipate excess heat.

When wearing **impermeable clothing**, the weight of an individual is not as important in determining the ability to dissipate excess heat because the primary heat dissipation mechanism, evaporation of sweat, is ineffective. Types of clothing should be considered in light of the working environment and forecasted weather.

**Symptoms of and Treatment for Heat Stress**

	<b>Heat Syncope</b>	<b>Heat Rash</b>	<b>Heat Cramps</b>	<b>Heat Exhaustion</b>	<b>Heat Stroke</b>
<b>Signs and Symptoms</b>	Sluggishness or fainting while standing erect or immobile in heat.	Profuse tiny raised red blister-like vesicles on affected areas, along with prickling sensations during heat exposure.	Painful spasms in muscles used during work (arms, legs, or abdomen); onset during or after work hours.	Fatigue, nausea, headache, giddiness; skin clammy and moist; complexion pale, muddy, or flushed; may faint on standing; rapid thready pulse and low blood pressure; oral temperature normal or low.	Red, hot, dry skin; dizziness; confusion; rapid breathing and pulse; high oral temperature.
<b>Treatment</b>	Remove to cooler area. Rest lying down. Increase fluid intake. Recovery usually is prompt and complete.	Use mild drying lotions and powders, and keep skin clean for drying skin and preventing infection.	Remove to cooler area. Rest lying down. Increase fluid intake.	Remove to cooler area. Rest lying down, with head in low position. Administer fluids by mouth. Seek medical attention.	Cool rapidly by soaking in cool—but not cold—water. Call ambulance, and get medical attention immediately!

## Precautions

Drink 16 ounces of water before beginning work. Disposable cups and water maintained at 50 degrees Fahrenheit (°F; 10 degrees Celsius [°C]) to 60 °F (15.6 °C) should be available. Under severe conditions, drink 1 to 2 cups every 20 minutes, for a total of 1 to 2 gallons (7.5 liters) per day.

Avoid direct sun whenever possible, which can decrease physical efficiency and increase the probability of heat stress. Take regular breaks in a cool, shaded area. Use a wide-brim hat or an umbrella when working under direct sun for extended periods.

Maintain good hygiene standards by frequently changing clothing and showering.

Observe one another for signs of heat stress. Persons who experience signs of heat syncope, heat rash, or heat cramps should consult the RHSM to avoid progression of heat-related illness.

## Thermal Stress Monitoring

The following procedures should be implemented when the ambient air temperature exceeds 70° F (21°C), the relative

humidity is high (greater than 50 percent), or when the workers exhibit symptoms of heat stress.

- The heart rate should be measured by the radial pulse for 30 seconds, as early as possible in the resting period.
- The heart rate at the beginning of the rest period should not exceed 110 beats per minute or 20 beats per minute above resting pulse.
- If the oral temperature exceeds 99.6 °F (37.6°C) at the beginning of the rest period, the following work cycle should be shortened by 33 percent.
- Continue this procedure until the oral temperature is maintained below 99.6 °F (37.6°C). While an accurate indication of heat stress, oral temperature is difficult to measure in the field.

## Cold

### General

- Low ambient temperatures increase the heat lost from the body to the environment by radiation and convection. In cases where the worker is standing on frozen ground, the heat loss is also due to conduction.
- Wet skin and clothing, whether because of water or perspiration, may conduct heat away from the body through evaporative heat loss and conduction. Thus, the body cools suddenly when chemical protective clothing is removed if the clothing underneath is perspiration soaked.
- Movement of air across the skin reduces the insulating layer of still air just at the skin's surface. Reducing this insulating layer of air increases heat loss by convection.
- Non-insulating materials in contact or near-contact with the skin, such as boots constructed with a metal toe or shank, conduct heat rapidly away from the body.

### Precautions

- Be aware of the symptoms of cold-related disorders, and wear proper, layered clothing for the anticipated fieldwork. Appropriate rain gear is a must in wet weather.
- Persons who experience initial signs of immersion foot, frostbite, and/or hypothermia should report it immediately to their supervisor/PM to avoid progression of cold-related illness. See the following table for signs and treatment.
- Observe one another for initial signs of cold-related disorders.
- Obtain and review weather forecast – be aware of predicted weather systems along with sudden drops in temperature, increase in winds, and precipitation.

**Symptoms of and Treatment for Cold Stress**

	<b>Immersion (Trench) Foot</b>	<b>Frostbite</b>	<b>Hypothermia</b>
<b>Signs and Symptoms</b>	Feet discolored and painful; infection and swelling present.	Blanched, white, waxy skin, but tissue resilient; tissue cold and pale.	Shivering, apathy, sleepiness; rapid drop in body temperature; glassy stare; slow pulse; slow respiration.
<b>Treatment</b>	Seek medical treatment immediately.	Remove victim to a warm place. Re-warm area quickly in warm-but <b>not</b> hot-water. Have victim drink warm fluids, but <b>not</b> coffee or alcohol. Do not break blisters. Elevate the injured area and get medical attention.	Remove victim to a warm place. Have victim drink warm fluids, but <b>not</b> coffee or alcohol. Get medical attention.

The Wind-Chill Index is used to estimate the combined effect of wind and low air temperatures on exposed skin. The wind-chill index does not take into account the body part that is exposed, the level of activity, or the amount or type of clothing worn. For those reasons, it should only be used as a guideline to warn workers when they are in a situation that can cause cold-related illnesses.

National Safety Council (NSC) Guidelines for Work and Warm-Up Schedules can be used with the wind-chill index to estimate work and warm-up schedules for fieldwork. The guidelines are not absolute; workers should be monitored for symptoms of cold-related illnesses. If symptoms are not observed, the work duration can be increased.



## Wind Chill Chart



		Temperature (°F)																		
Calm		40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	
Wind (mph)	5	36	31	25	19	13	7	1	-5	-11	-16	-22	-28	-34	-40	-46	-52	-57	-63	
	10	34	27	21	15	9	3	-4	-10	-16	-22	-28	-35	-41	-47	-53	-59	-66	-72	
	15	32	25	19	13	6	0	-7	-13	-19	-26	-32	-39	-45	-51	-58	-64	-71	-77	
	20	30	24	17	11	4	-2	-9	-15	-22	-29	-35	-42	-48	-55	-61	-68	-74	-81	
	25	29	23	16	9	3	-4	-11	-17	-24	-31	-37	-44	-51	-58	-64	-71	-78	-84	
	30	28	22	15	8	1	-5	-12	-19	-26	-33	-39	-46	-53	-60	-67	-73	-80	-87	
	35	28	21	14	7	0	-7	-14	-21	-27	-34	-41	-48	-55	-62	-69	-76	-82	-89	
	40	27	20	13	6	-1	-8	-15	-22	-29	-36	-43	-50	-57	-64	-71	-78	-84	-91	
	45	26	19	12	5	-2	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-79	-86	-93	
	50	26	19	12	4	-3	-10	-17	-24	-31	-38	-45	-52	-60	-67	-74	-81	-88	-95	
	55	25	18	11	4	-3	-11	-18	-25	-32	-39	-46	-54	-61	-68	-75	-82	-89	-97	
	60	25	17	10	3	-4	-11	-19	-26	-33	-40	-48	-55	-62	-69	-76	-84	-91	-98	

Frostbite Times

30 minutes

10 minutes

5 minutes

Wind Chill (°F) = 35.74 + 0.6215T - 35.75(V<sup>0.16</sup>) + 0.4275T(V<sup>0.16</sup>)

Where: T= Air Temperature (°F) V= Wind Speed (mph)

Effective 11/01/01

## Traffic Awareness and Control

The following precautions must be taken when working around traffic, and in or near an area where traffic controls have been established:

- Exercise caution when exiting traveled way or parking along street – avoid sudden stops, use flashers, etc.
- Park in a manner that will allow for safe exit from vehicle, and where practicable, park vehicle so that it can serve as a barrier.
- All staff working adjacent to traveled way or within work area must wear reflective/high-visibility safety vests.
- Always pay attention to moving traffic – never assume drivers are looking out for you.
- If the work area extends into a roadway, it shall be protected by a physical barrier – such as a K-rail or Jersey barrier.
- Review traffic control devices to ensure that they are adequate to protect your work area. Traffic control devices should: 1) convey a clear meaning, 2) command respect of road users, and 3) give adequate time for proper traffic response. The adequacy of these devices are dependent on limited sight distance, proximity to ramps or intersections, restrictive width, duration of job, and traffic volume, speed, and proximity.

## Utilities (overhead)

No work is to be conducted within 50 feet (15.2 meters) of overhead power lines without first contacting the utility company to determine the voltage of the system. No aspect of any piece of equipment is to be operated within 50 feet (15.2 meters) of overhead power lines without first making this determination.

The minimum clearance from energized overhead lines is as shown in the table below, or the equipment will be repositioned and blocked to ensure that no part, including cables, can come within the minimum clearances shown below:

### Minimum Distances From Powerlines

Powerlines Nominal System, Kv	Minimum Required Distance, Feet (Meters)
0-50	10 (3.0)
51-100	12 (3.7)
101-200	15 (4.6)
201-300	20 (6.1)
301-500	25 (7.6)
501-750	35 (10.7)
751-1000	45 (13.7)

Note: These distances have been determined to eliminate the potential for arcing based on the line voltage.

The power line(s) has been isolated through the use of insulating blankets which have been properly placed by the utility. If insulating blankets are used, the utility will determine the minimum safe operating distance; this determination shall be obtained in writing with the utility representative's signature.

All inquiries regarding electric utilities must be made in writing and a written confirmation of the outage/isolation must be received by the PM prior to the start of work.

## ***Utilities (Underground)***

Do not begin subsurface construction activities (e.g., trenching, excavation, drilling) until a check for underground utilities and similar obstructions has been conducted. Each employee must protect and preserve the markings of approximate locations of facilities until the markings are no longer required for safe and proper excavations. If the markings of utility locations are destroyed or removed before excavation commences or is completed, the PM must be notified in order for the utility company or utility protection service to be informed that the markings have been destroyed.

## ***Ultraviolet (UV) Radiation (sun exposure)***

Health effects regarding UV radiation are confined to the skin and eyes. Overexposure can result in many skin conditions, including erythema (redness or sunburn), photoallergy (skin rash), phototoxicity (extreme sunburn acquired during short exposures to UV radiation while on certain medications), premature skin aging, and numerous types of skin cancer. Implement the following controls to avoid sunburn.

### **Limit Exposure Time**

- ☐ Limit exposure time when UV radiation is at peak levels (approximately 2 hours before and after the sun is at its highest point in the sky).
- ☐ Avoid exposure to the sun or take extra precautions when the UV index rating is high.
- ☐ Take lunch and breaks in shaded areas.

### **Other Controls**

Whenever needed or applicable, the following are effective methods to limit exposure:

- ☐ Reduce UV radiation damage by wearing proper clothing; for example, long sleeved shirts with collars, and long pants. The fabric should be closely woven and should not let light through.
  - Head protection can be worn to protect the face, ears, and neck. Wide-brimmed hats with a neck flap or "Foreign Legion" style caps offer added protection.
- ☐ Wear UV-protective sunglasses or safety glasses. These should fit closely to the face. Wrap-around style glasses provide the best protection.
- ☐ Sunscreen applied generously to all exposed skin surfaces at least 20 minutes before exposure allows time for it to adhere to the skin.
- ☐ Choose a sunscreen with a high sun protection factor (SPF). Most dermatologists advocate SPF 30 or higher for significant sun exposure.
- Remember—no sunscreen provides 100% protection against UV radiation. Other precautions must be taken to avoid overexposure.

## **Biological Hazards and Controls**

## **Biological Hazards and Controls**

Biological hazards are everywhere and change with the region and season, however, for most sites there are few hazards. If you encounter a biological hazard that has not been identified in this plan, contact the RHSM so that a revision to this plan can be made. Whether it is contact with a poisonous plant, a poisonous snake, or a bug bite, do not take bites/stings lightly. If there is a chance of an allergic reaction or infection, or to seek medical advice on how to properly care for the injury, notify the supervisor.

## ***Bees and Other Stinging Insects***

Bees and other stinging insects may be encountered almost anywhere and may present a serious hazard, particularly to people who are allergic. Watch for and avoid nests. Keep exposed skin to a minimum. Carry a kit if you have had allergic reactions in the past and inform your supervisor and/or a buddy. If you are stung, contact the supervisor. If a stinger is

present, remove it carefully with tweezers. Wash and disinfect the wound, cover it, and apply ice. Watch for an allergic reaction if you have never been stung before. Call 911 if the reaction is severe.

## ***Bird Droppings***

Large amounts of bird droppings may present a disease risk. The best way to prevent exposure to fungus spores in bird droppings is to avoid disturbing it. A brief inhalation exposure to highly contaminated dust may be all that is needed to cause infection and subsequent development of fungal disease. WasteXpress is not responsible for any necessary cleanup.

## ***Feral Dogs***

Avoid all dogs – both leashed and stray. Do not disturb a dog while it is sleeping, eating, or caring for puppies. If a dog approaches to sniff you, stay still. An aggressive dog has a tight mouth, flattened ears and a direct stare. If you are threatened by a dog, remain calm, do not scream and avoid eye contact. If you say anything, speak calmly and firmly. Do not turn and run, try to stay still until the dog leaves, or back away slowly until the dog is out of sight or you have reached safety (e.g., vehicle). If attacked, retreat to vehicle or attempt to place something between you and the dog. If you fall or are knocked to the ground, curl into a ball with your hands over your head and neck and protect your face. If bitten, contact the PM. Report the incident to the local authorities.

## ***Hantavirus***

Hantavirus pulmonary syndrome (HPS) is a disease caused by a virus which can be transmitted from certain rodents to humans and is prevalent throughout the southwestern United States. Avoid disturbing rodent nests.

Nesting material/droppings must be removed if work is necessary in a rodent-infested area. WasteXpress is not responsible for any necessary cleanup.

## ***Mosquito Bites***

Due to the recent detection of the West Nile Virus in the southwestern United States it is recommended that **preventative measures** be taken to reduce the probability of being bitten by mosquitoes whenever possible. Mosquitoes are believed to be the primary source for exposure to the West Nile Virus as well as several other types of encephalitis. The following guidelines should be followed when mosquitoes are observed or concerned a threat in the area:

- ☐ Stay indoors at dawn, dusk, and in the early evening.
- ☐ Wear long-sleeved shirts and long pants whenever you are outdoors.
- ☐ Spray clothing with repellents containing permethrin or DEET since mosquitoes may bite through thin clothing.
- ☐ Apply insect repellent sparingly to exposed skin. Whenever you use an insecticide or insect repellent, be sure to read and follow the manufacturer's DIRECTIONS FOR USE, as printed on the product.

## ***Symptoms of Exposure to the West Nile Virus***

Most infections are mild, and symptoms include fever, headache, and body aches, occasionally with skin rash and swollen lymph glands. More severe infection may be marked by headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness, paralysis, and, rarely, death.

The West Nile Virus incubation period is from 3-15 days. Contact the project RHSM with questions, and immediately report any suspicious symptoms to your supervisor/PM.

## ***Snakes***

Snakes typically are found in underbrush and tall grassy areas. If you encounter a snake, stay calm and look around; there may be other snakes. Turn around and walk away on the same path you used to approach the area. If bitten by a snake, wash and immobilize the injured area, keeping it lower than the heart if possible, and contact the supervisor immediately. **DO NOT** apply ice, cut the wound, or apply a tourniquet. Try to identify the type of snake: note color, size, patterns, and markings. The table below is a guide to identifying poisonous snakes from non- poisonous snakes.

### Identification of Poisonous Snakes

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#### Non- venomous snake

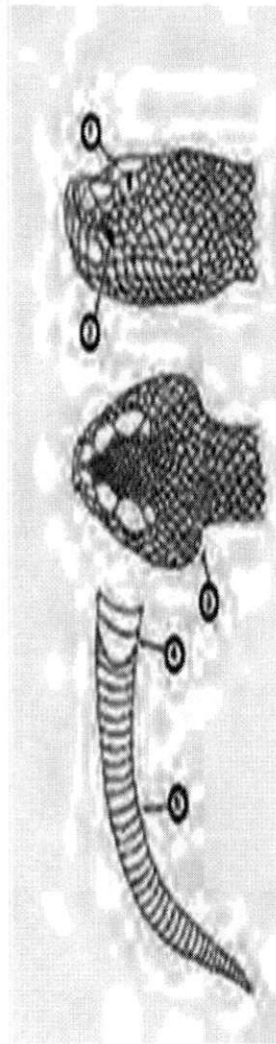
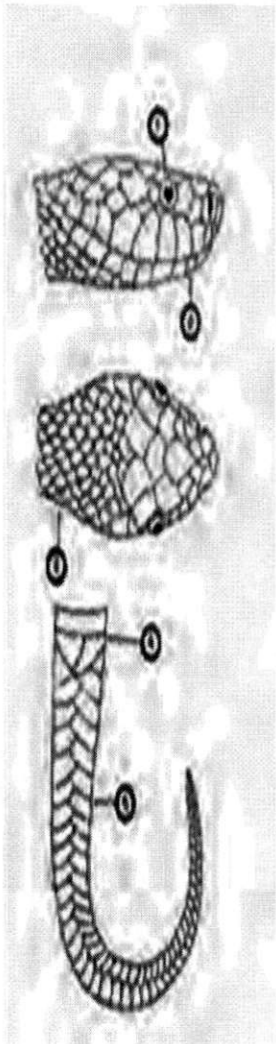
Round pupils  
No sensing pit  
Head slightly wider than neck  
Divided anal plate  
Double row of scales on the underside of the tail

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#### Venomous Snake

Elliptical pupils  
Sensing pit between eye and nostril  
Head much wider than neck  
Single anal plate  
Single scales on the underside of the tail

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## **Spiders - Brown Recluse and Widow**

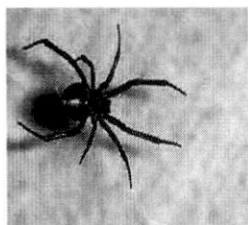
The brown recluse spider can be found almost anywhere in the United States. It varies in size in shape, but the distinguishing mark is the violin shape on its body. They are typically non-aggressive. Keep an eye out for irregular, pattern-less webs that sometimes appear almost tubular built in a protected area such as in a crevice or between two rocks. The spider will retreat to this area of the web when threatened.

The black widow, red widow and the brown widow are all poisonous. Most have globose, shiny abdomens that are predominantly black with red markings (although some may be pale and/or have lateral stripes), with moderately long, slender legs. These spiders are nocturnal and build a three-dimensional tangled web, often with a conical tent of dense silk in a corner where the spider hides during the day.

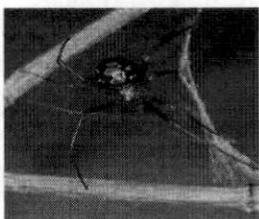
## **Hazard Controls**

- ☐ Inspect or shake out any clothing, shoes, towels, or equipment before use.
- ☐ Wear protective clothing such as a long-sleeved shirt and long pants, hat, gloves, and boots when handling stacked or undisturbed piles of materials.
- ☐ Minimize the empty spaces between stacked materials.
- ☐ Remove and reduce debris and rubble from around the outdoor work areas.
- ☐ Trim or eliminate tall grasses from around outdoor work areas.
- ☐ Store apparel and outdoor equipment in tightly closed plastic bags.
  
- ☐ Keep your tetanus boosters up-to-date (every 10 years). Spider bites can become infected with tetanus spores.
- ☐ If you think you have been bit by a poisonous spider, immediately contact the supervisor and follow the guidance below:
  - ☐ Remain calm. Too much excitement or movement will increase the flow of venom into the blood.
  - ☐ Apply a cool, wet cloth to the bite or cover the bite with a cloth and apply an ice bag to the bite.
  - ☐ Elevate the bitten area, if possible.
  - ☐ Do not apply a tourniquet. Do not try to remove venom.
- Try to positively identify the spider to confirm its type. If the spider has been killed, collect it in a plastic bag or jar for identification purposes. Do not try to capture a live spider—especially if you think it is a poisonous spider.

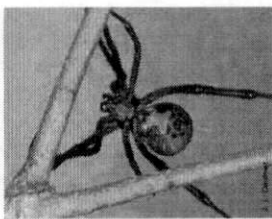
**Black Widow**



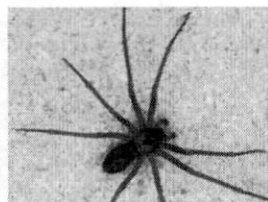
**Red Widow**



**Brown Widow**



**Brown Recluse**



## **Scorpions**

Scorpions usually hide during the day and are active at night. They may be hiding under rocks, wood, or anything else lying on the ground. Some species may also burrow into the ground. Most scorpions live in dry, desert areas; however, some species can be found in grasslands, forests, and inside caves.

When entering an area that has the potential to contain scorpions, the following PPE is recommended: long pants, long sleeved shirts with collars, leather work gloves and leather work boots. Reaching into enclosures or recesses without prior visual inspection is not recommended. Thoroughly inspect each area before accessing. Shake out clothing, jackets, and shoes/boots prior to putting them on.

If you are stung by a scorpion, contact the supervisor and try to note the description of the scorpion. Cleanse the sting area and apply ice.



## Contaminants of Concern

### Contaminants of Concern

It is important to note that there may be contaminants of concern at the facility and on some project sites. The majority of work performed, and projects do not include any tasks or procedures which would put any members of WasteXpress at risk. However, some activities which have health risks are covered under specific JHA's or have been identified in waste Profile documents.

## Personal Protective Equipment (PPE)

### Required PPE

PPE must be worn by employees when actual or potential hazards exist, and engineering controls or administrative practices cannot adequately control those hazards. Employees shall do the following:

- ☐ Inspect PPE prior to each use. Do not use damaged PPE. You are required to maintain and keep PPE clean.
- ☐ Wear safety glasses at all times in designated areas in this facility.
- ☐ Wear hard hats at all times in designated areas.
- ☐ Wear work gloves all times when handling sharp or rough stock, welding, or performing other jobs, which could cause hand injuries. Synthetic gloves must be worn when handling chemicals.
- ☐ If welding, wear appropriate filter lens, welding helmet, gloves, and sleeves are required for welders at all times.
- ☐ Only wear a respirator if trained and authorized to use one.
- ☐ Use hearing protection in areas where noise exposure is more than 90 dB (85 dB if you already have experienced a hearing loss).
- ☐ Eye protection is required any time a drum is being opened, any time liquids or solids are being mixed / consolidated or transferred and during cutting, welding, or grinding.
- ☐ Full face respirator is required during flam bay processing.

The following outlines the PPE to be used according to tasks based on project-specific hazard assessments. If other tasks need to be performed, contract the RHDM so this table can be updated.

# **PPE Requirements for Activity-Specific Tasks<sup>a</sup>**

Task	Level	Body	Head	Respirator <sup>b</sup>
<b>Light construction, supervision (this includes the entire scope of work except crawlspace or other confined space entry)</b>	D	Work clothes; steel-toe, leather work boots; work gloves (i.e., leather)	Hardhat <sup>c</sup> Safety glasses Ear protection <sup>d</sup>	None required
<b>Crawlspace and confined space entry</b>	C Or Modified D	<b>Coveralls:</b> Work Clothes or Coveralls. If outer layer of personal clothing cannot be kept clean, then outer cotton coveralls or uncoated Tyvek→ coveralls shall be worn. <b>Boots:</b> Leather safety-toe boots. <b>Gloves:</b> leather, inner surgical-style nitrile, or rubber palm coating seamless knitted liner glove	Hardhat <sup>c</sup> Safety glasses with side shields Ear protection <sup>d</sup>	Air-purifying respirator (if determined necessary)

a Modifications are as indicated.  
WasteXpress will provide PPE only to WasteXpress employees.  
b No facial hair that would interfere with respirator fit is permitted.  
c Hardhat areas are to be determined by the OM or PM.  
d Ear protection should be worn when conversations cannot be held at distances of 3 feet (1 meter) or less without shouting.

## Summary of PPE requirements:

Vapors, gases, and particulates from hazardous substance response activities place response personnel at risk. For this reason, response personnel must wear appropriate personal protective clothing and equipment whenever they are near the site. The more that is known about the hazards at a release site, the easier it becomes to select personal protective equipment. There are basically four levels of personal protective equipment:

- ☐ **Level A protection** is required when the greatest potential for exposure to hazards exists, and when the greatest level of skin, respiratory, and eye protection is required. Examples of Level A clothing and equipment includes positive-pressure, full face-piece self-contained breathing apparatus (SCBA) or positive pressure supplied air respirator with escape SCBA, totally encapsulated chemical- and vapor- protective suit, inner and outer chemical-resistant gloves, and disposable protective suit, gloves, and boots.
- ☐ **Level B protection** is required under circumstances requiring the highest level of respiratory protection, with lesser level of skin protection. At most abandoned outdoor hazardous waste sites, ambient atmospheric vapors or gas levels have not approached sufficiently high concentrations to warrant level A protection -- Level B protection is often adequate. Examples of Level B protection include positive- pressure, full face-piece self-contained breathing apparatus (SCBA) or positive pressure supplied air respirator with escape SCBA, inner and outer chemical-resistant gloves, face shield, hooded chemical resistant clothing, coveralls, and outer chemical-resistant boots.
- ☐ **Level C protection** is required when the concentration and type of airborne substances is known and the criteria for using air purifying respirators is met. Typical Level C equipment includes full-face air purifying respirators, inner and outer chemical-resistant gloves, hard hat, escape mask, and disposable chemical-resistant outer boots. The difference between Level C and Level B protection is the type of equipment used to protect the respiratory system, assuming the same type of chemical-resistant clothing is used. The main criterion for Level C is that atmospheric concentrations and other selection criteria permit wearing an air-purifying respirator.
- ☐ **Level D protection** is the minimum protection required. Level D protection may be sufficient when no contaminants are present, or work operations preclude splashes, immersion, or the potential for unexpected inhalation or contact with hazardous levels of chemicals. Appropriate Level D protective equipment may include gloves, coveralls, safety glasses, face shield, and chemical-resistant, steel-toe boots or shoes.

## Respiratory Protection

### Respiratory Protection

- Do not perform operations requiring respirators unless you have been approved for use of respirators, fitted and trained through your company's respiratory protection program.
- Inspect respirators for cracked or worn parts before and after each use and after cleaning.
- Do not work in an area that requires the use of respiratory equipment, if you fail to obtain a tight seal between the respirator and your face.
- Do not wear a respirator if facial hair prevents a tight seal between the respirator and your face.
- Clean and sanitize respiratory equipment according to the manufacturer's recommendations after each use.
- Store respiratory equipment in a clean and sanitary location away from sunlight, and preferably not in an airtight container such as a plastic bag which promotes mildew and mold
- Prior to use ensure cartridges are functional
- Use appropriate cartridge for the hazard present

## Worker Training and Qualification

### ***Project Manager (PM) Training***

The PM is trained to implement the HSP program on WasteXpress field projects. The PM is identified in the site-specific HSP for WasteXpress field projects. The PM will have completed additional safety training required by the specific work activity on the project that qualifies them to implement the HSE program (e.g., fall protection, confined space entry, etc.). This person will also be responsible for the initial implementation of the WasteXpress Emergency response plan when at client locations if an incident occurs.

### ***Operations Manager (OM) Training***

The OM is trained to implement the HSP program at the WasteXpress facility. The OM will have completed additional safety training required by the specific work activity that qualifies them to implement the HSE program (e.g., fall protection, confined space entry, etc.). This person will be responsible for coordinating the response to any incident that occurs at the WasteXpress plant and eventually taking over response for any larger incidents at client locations.

### ***Responsible Health and safety Manager (RHSM) Training***

The RHSM holds the responsibilities set forth previously in this HSP. The RHSM will have been properly trained in safety training required by each specific work activity on a project that qualifies them to implement the HSE program. In addition, the RHSM will have been trained in health and safety practices, program evaluation, training, and implementation. The RHSM will have completed the OSHA 40-hour HAZWOPER training.

### ***Project-Specific Training***

Prior to the commencement of field activities, all field personnel assigned to a project will have completed project-specific training that will address the contents of applicable HSPs and the JHA, including the activities, procedures, monitoring, and equipment use in the site operations. Site-specific training will also include site and facility layout (when applicable), potential hazards, risk associated with identified emergency response actions, and available emergency services. This training allows field workers to clarify anything they do not understand and to reinforce their responsibilities regarding safety and work operations for the particular activity.

Personnel using respirators must be current with and have documentation of respirator training within the past 12 months and current fit test for the make and model of the respirator to be worn.

### ***40 Hour HAZMAT Training***

All WasteXpress drivers and field personnel will receive 40 hour HAZMAT (hazardous materials) training and 8 hour refresher training. The purpose of this training is to train personnel how to safely transport hazardous and non-hazardous material. WasteXpress personnel will be trained to determine whether a material meets the definition of a "hazardous material", give proper shipping names, classify waste, properly label, package and mark waste, apply appropriate shipping papers, emergency response information, placarding, and incident reporting.

### ***40 Hour OSHA HAZWOPER Training***

All WasteXpress drivers and field personnel will be 40 hour trained with 8 hour annual refresher training in cleanup operation, emergency response operation, storage disposal, and treatment of hazardous substances at waste sites. Personnel will be trained in protection against hazardous chemicals, elimination of hazardous chemicals, and safety in working around hazardous chemical. Personnel will have training in donning, doffing, and use of PPE required for their job(s) in accordance with 29 CFR 1910.120.

## ***First Aid, CPR, and AED Training***

All WasteXpress field personnel will be trained in adult CPR and AED use and Adult First Aid by an ASHI authorized Personnel will be instructed in responding to medical emergencies, injury emergencies, and environmental emergencies. Refresher courses will be completed every 2 years.

## **Medical Surveillance and Qualification**

### **Medical Surveillance and Qualification**

The purpose of medical surveillance is for the early identification of conditions, if any, that could present an increased risk of adverse health effects related to tasks being performed. All site workers will maintain an adequate medical surveillance program in accordance with 29 CFR 1910.120 or 29 CFR 1926.65 and other applicable OSHA standards. Documentation of employee medical qualification (e.g., physician's written opinion) will be maintained in an employee file for this purpose and made available for inspection. At the time of hiring, and periodically thereafter, employees will be tested for heavy metals in the blood which include lead, mercury, and arsenic, and may include cadmium, copper, and zinc. The goal of the medical surveillance program is to protect the general health and fitness of all employees at no cost for them.

### ***Respirator User Qualification***

Personnel required to wear respirators must have a current medical qualification to wear respirators. Medical qualification shall consist of a qualified physician's written opinion regarding the employee's ability to safely wear a respirator in accordance with 29 CFR 1910.134. Respirator fit tests will be completed for technicians annually in accordance with 29 CFR 1910.134 (f)(2).

## **Emergency Response Plan**

### **Emergency Response Plan**

#### ***Pre-emergency Planning***

The OM and PM performs the applicable pre-emergency planning tasks with employees. At the facility this is covered at the onset of one's employment and periodically thereafter. Before starting field activities emergency planning is administered in coordination with onsite emergency response parties, the facility, and local emergency-service providers will be performed as appropriate. Pre-Emergency Planning activities performed by the OM and PM include:

- Review the facility emergency and contingency plans where applicable.
- Determine what onsite communication equipment is available (e.g., two-way radio, air horn).
- Determine what offsite communication equipment is needed (e.g., nearest telephone, cell phone).
- Confirm and post the "Emergency Contacts" page and route to the hospital located in this section in project trailer(s) and keep a copy in field vehicles along with evacuation routes and assembly areas. Communicate the information to onsite personnel and keep it updated.
- Review changed site conditions, onsite operations, and personnel availability in relation to emergency response procedures.
- Where appropriate and acceptable to the client, inform emergency room and ambulance and emergency response teams of anticipated types of site emergencies.
- Inventory and check site emergency equipment, supplies, and potable water.
- Communicate emergency procedures for personnel injury, exposures, fires, explosions, and releases.
- Rehearse the emergency response plan before site activities begin, including driving route to hospital. Drills should take place periodically but no less than once a year.
- Brief new workers on the emergency response plan.
- The ERC will evaluate emergency response actions and initiate appropriate follow-up actions.

# Incident Response

In fires, explosions, or chemical releases, actions to be taken include the following:

- Notify appropriate response personnel.
- Shut down WasteXpress operations and evacuate the immediate work area.
- Account for personnel at the designated assembly area(s).
- Assess the need for site evacuation and evacuate the site as warranted.
- Notify and submit reports to clients as required in contract.
- Small fires or spills posing minimal safety or health hazards may be controlled with onsite spill kits or fire extinguisher without evacuating the site. When in doubt evacuate. Follow the incident reporting procedures in the "Incident Notification, Reporting, and Investigation" section of this HSP.

## Emergency Medical Treatment

Emergency medical treatment is needed when there is a life-threatening injury (such as severe bleeding, loss of consciousness, breathing/heart has stopped). When in doubt if an injury is life-threatening or not, treat it as needing emergency medical treatment. The PM or RHSM shall do the following:

- Notify 911 or other appropriate emergency response authorities as listed in the "Emergency Contacts" page located in this section.
- The emergency response contact will assume charge during a medical emergency until the ambulance arrives or until the injured person is admitted to the emergency room.
- Prevent further injury, perform decontamination (if applicable) where feasible; lifesaving and first aid or medical treatment takes priority.
- Initiate first aid and CPR where feasible.
- Notify supervisor and if the injured person is a WasteXpress employee, the supervisor will call the appropriate emergency response personnel.
- Make certain that the injured person is accompanied to the emergency room.
- Notify and submit reports to client as required in contract.

## Evacuation

Evacuation routes, assembly areas, and severe weather shelters (and alternative routes and assembly areas) are to be specified on the site map.

Evacuation route(s) and assembly area(s) will be designated by the PM or designee before work begins. Personnel will assemble at the assembly area(s) upon hearing the emergency signal for evacuation. Alternate evacuation assembly area(s) will be selected as necessary depending on wind direction.

The PM and a "buddy" will remain on the site after the site has been evacuated (if safe) to assist local responders and advise them of the nature and location of the incident.

The PM will account for all personnel in the onsite assembly area.

A designated person will account for personnel at alternate assembly area(s).

The PM will follow the incident reporting procedures in the "Incident Notification, Reporting and Investigation" section of this HSP.

## Evacuation Signals

### Signal

Grasping throat with hand  
Thumbs up  
Grasping buddy's wrist  
Continuous sounding of horn

### Meaning

Emergency-help me.  
OK; understood.  
Leave area now.  
Emergency; leave site now.

## ***Asbestos-Containing Materials Spill***

In the event an asbestos-containing material container is ruptured or spilled, a licensed asbestos contractor must complete the remediation and re-containment activities. WasteXpress staff will evacuate the spill area until the licensed asbestos contractor completes the remediation activities and indicates the work area is safe to return to. The contractor will file the necessary paperwork with the Oregon Department of Environmental Quality.

## **Decontamination Procedures**

- For situations where employees maybe be exposed to hazardous materials, the decontamination procedures shall be monitored and maintained by Health and Safe Manager
- All decontamination procedures are to be developed and communicated to employees working at locations where potential exposure to hazardous substances exists before the project begins
- Employees leaving a contaminated area shall follow the substance dependent decontamination procedures. All contaminated PPE and clothing shall be placed in the appropriately labeled receptacle for decontamination or disposal. All PPE is to remain in the changing rooms unless authorized by the Health and Safe manager.
  - o Reusable clothing placed in the appropriately labeled receptacles are cleaned by the contracted uniform providers. If the clothing is deemed unusable, they are placed in a sealed container that will be disposed in accordance to relevant rules and regulations.
  - o For Equipment, a designated employee will disinfect/decontaminate the PPE using the approved cleaning agents
- For any exposure that occurs at the WasteXpress plant, the decontamination area is in loading area of the plant loading facility. For off-site work, decontamination sites will be determined before the employee arrives at that location by the Health and Safety Manager and the Operations Manager.
- Showers and changing rooms are provided at the WasteXpress plant. For off-site work, the Health and Safety Manager will determine if portable showers and changing areas are needed if the client doesn't provide the appropriate facilities.

## ***Inclement Weather***

Sudden inclement weather can rapidly encroach upon field personnel. Preparedness and caution are the best defenses. Field crew members performing work outdoors should carry clothing appropriate for inclement weather. Personnel are to take heed of the weather forecast for the day and pay attention for signs of changing weather that indicate an impending storm. Signs include towering thunderheads, darkening skies, or a sudden increase in wind. If stormy weather ensues, field personnel should discontinue work and seek shelter until the storm has passed.

Protective measures during a lightning storm include seeking shelter; avoiding projecting above the surrounding landscape (don't stand on a hilltop--seek low areas); staying away from open water, metal equipment, railroad tracks, wire fences, and metal pipes; and positioning people several yards apart. Some other general precautions include: Know where to go and how long it will take to get there. If possible, take refuge in a large building or vehicle. Do not go into a shed in an open area.

The inclination to see trees as enormous umbrellas is the most frequent and most deadly mistake. Do not go under a large tree that is standing alone. Likewise, avoid poles, antennae and towers.

If the area is wide open, go to a valley or ravine, but be aware of flash flooding.

If you are caught in a level open area during an electrical storm and you feel your hair stand on end, drop to your knees, bend forward and put your hands on your knees or crouch. The idea is to make yourself less vulnerable by being as low to the ground as possible and taking up as little ground space as possible. Lying down is dangerous, since the wet earth can conduct electricity. Do not touch the ground with your hands.

Do not use telephones during electrical storms, except in the case of emergency

Remember that lightning may strike several miles from the parent cloud, so work should be stopped/restarted accordingly. The lightning safety recommendation is 30-30: Seek refuge when thunder sounds within 30 seconds after a lightning flash; and do not resume activity until 30 minutes after the last thunder clap.

High winds can cause unsafe conditions, and activities should be halted until wind dies down. High winds can also knock over trees, so walking through forested areas during high-wind situations should be avoided. If winds increase, seek shelter or evacuate the area. Proper body protection should be worn in case the winds hit suddenly, because body temperature can decrease rapidly.

## Emergency Contacts

### Emergency Contacts

<b>Medical Emergency #- 911</b> <b>Facility Medical Response #: 911</b> <b>Local Ambulance #: 911</b>	<b>WasteXpress Vice President</b> Name: Jeremy Komp Phone: 503-793-2862
<b>Fire/Spill Emergency #- 911</b> <b>Facility Fire Response #: 911</b> <b>Local Fire Dept. #: 911</b>	<b>WASTEXPRESS Responsible Health and safety Manager (RHSM)</b> Name: Arthur Marx Phone: 503-793-7661
<b>Security &amp; Police # - 911</b> <b>Facility Security #: 911</b> <b>Local Police #: 911</b>	<b>WasteXpress Office Manager</b> Name: Paul Krebsbach Phone: 360-688-4783
<b>Utilities Emergency Phone Numbers</b> Water: <b>911</b> Gas: <b>911</b> Electric: <b>911</b>	<b>Hospital: Varies</b>

## Inspections

### Inspections

#### Site Inspections

Periodically, the OM, PM or RHSM will inspect individual projects and facility activities to ensure that WasteXpress employees are adhering to the HSP and any applicable JHAs. Inspections will also be used for guidance when additional training and review of HSP documentation is needed to keep all WasteXpress personnel safe at all times. When necessary, discipline can be applied at the discretion of the PM up to and including termination in severe circumstances.

#### Safe Behavior Observations

Safe Behavior Observations (SBOs) may be conducted by the OM or PM for specific work tasks or operations comparing the actual work process against established safe work procedures identified in the project-specific HSP and JHA. SBOs are tools to be used by supervisors to provide positive reinforcement for work practices performed correctly, while also identifying and eliminating deviations from safe work procedures that could result in a loss. The PM will perform an SBO if it is deemed necessary during the course of work. This will especially be the case when unsafe behaviors are noticed or suspected, and can be done at the discretion of the PM.

#### WasteXpress Daily Facility Site Inspections

At least once a day, the WasteXpress facility at 11618 N Lombard Street in Portland, Oregon is inspected to ensure compliance with environmental and health and safety standards. The daily inspections include confirming that: drums are properly labeled and labels are visible, that drums containing hazardous materials are labeled with placards, that all drums are closed properly, that shipping boxes are closed and secured properly, all universal waste is labeled, there

is a clear path to the power source of the building facility, there are no leaking drums or containers, flammables are stored in flammable lockers, the eye wash stations are in working order, the fire extinguishers are properly pressurized, and that the entire property is orderly with no debris, rags, pallets, etc. in walkways or yard areas. A copy of the Daily Facility Inspection Sheet is available at plant office.

# Incident Notification, Reporting, and Investigation

## General Information

This section applies to the following:

- All injuries involving employees, third parties, or members of the public
- Damage to property or equipment
- Interruptions to work or public service (e.g., hitting a utility)
- Incidents which attract negative media coverage
- Motor vehicle accidents.

Documentation, including incident reports, investigation, analysis and corrective measure taken may be taken and kept by the RHSM.

## Section Definitions

**Incident:** an undesired event which results or could have resulted in loss through injury, damage to assets or environmental harm. This includes all of the definitions below.

**Accident:** an incident involving actual loss through injury, damage to assets, or environmental harm.

**Serious Incident:**

- All fatalities or life-threatening injuries to employees, contractors, third parties, or members of the public
- Kidnap/missing person
- Event that involves a fire, explosion, or property damage that requires a site evacuation or is estimated to result in greater than \$10,000 in damage.
- Acts or threats of terrorism
- Spill or release of hazardous materials or substances that involves a significant threat of imminent harm to site workers, neighboring facilities, the community or the environment.

## Reporting Requirements

All employees shall immediately report any incident, accident, or serious incident as defined above in which they are involved or witness to the OM or PM who will then report to the RHSM.

If necessary, the OM, PM or RHSM will record the following information for an incident:

- Project Name/Site Manager
- Date and time of incident
- Description of incident
- Extent of known injuries/damage
- Level of medical attention
- Preliminary root cause/corrective actions

The WasteXpress team shall comply with all applicable statutory incident reporting requirements such as those to OSHA and the police.

## Reports and Records

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## Reports and Records

An organized filing system is essential for good documentation and recordkeeping. There are many benefits to an organized filing system:

- Other WasteXpress employees can easily and quickly find documents
- Records are readily available for review
- Records may be needed during OSHA investigations, audits, or other legal matters
- Records may be needed on short notice in case of an accident, illness or other emergency
- Systematic recordkeeping aids in overall project organization.

The filing system shall be established and maintained for all facility activities and throughout all phases of field project work; and archived in accordance with WasteXpress's and regulatory Records Retention requirements. The information contained in the filing system shall be updated regularly and/or as specified in this document. The OM, PM, RHSM and Office Manager are responsible for collecting documentation, and maintaining a complete and organized filing system.

Below are examples of records that must be maintained during facility activities and as the field projects progress:

- Physical hazard exposure records include noise, ionizing radiation, non-ionizing radiation, vibration, and lasers exposure assessments and measurements.
- Respiratory fit test records
- Training records
- Injury/illness reports and investigations
- Federal or State agency inspection records
- Other records
- HSE audits and assessments
- Project-Specific HSE Plans
- Equipment inspections
- Equipment maintenance
- Self-Assessment Checklists.

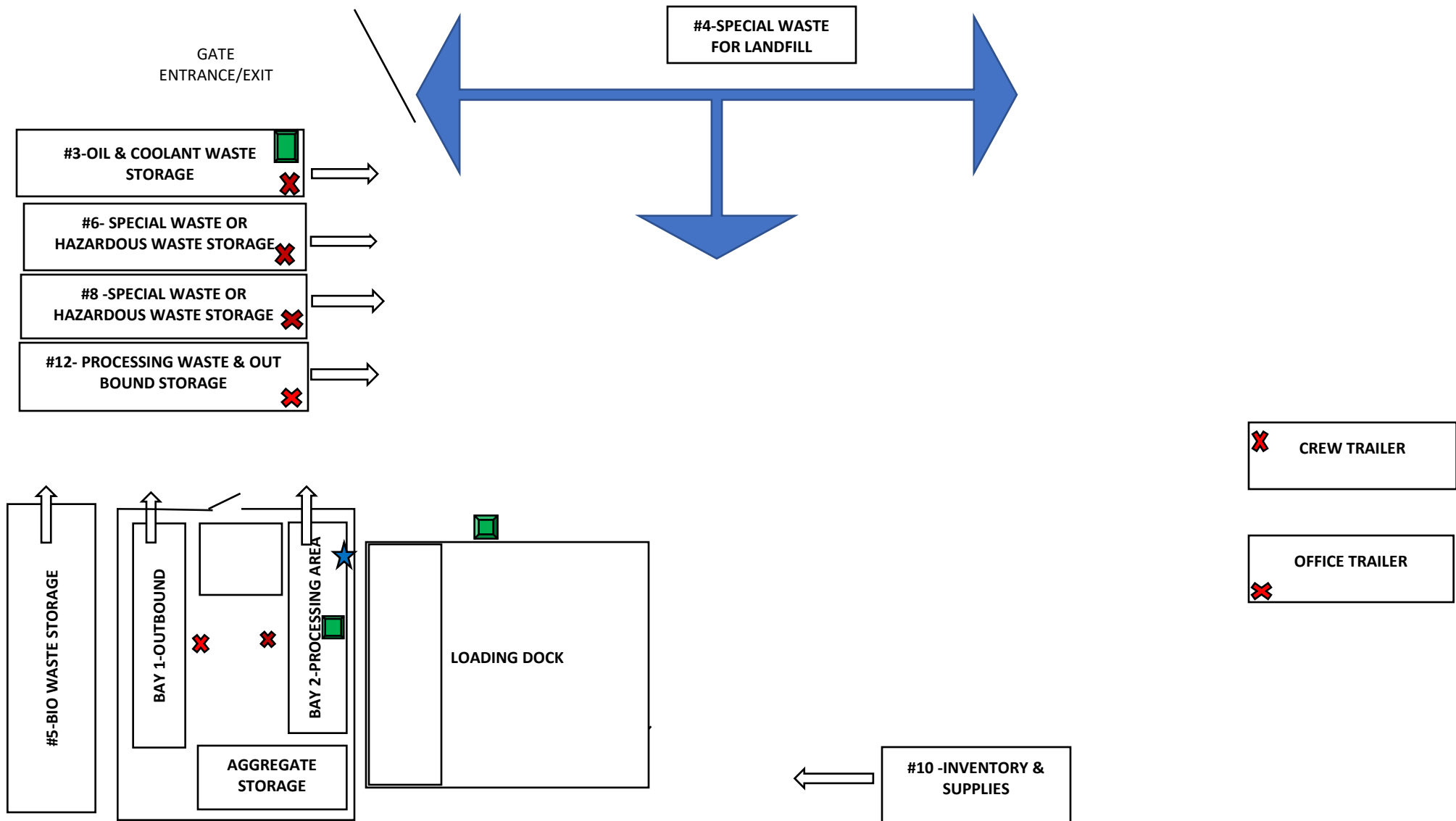
## Employee Acknowledgement Form

### Employee Acknowledgement Form

By signing this document, I confirm the receipt of WasteXpress's Health and safety Plan. I have read and understood all policies, programs, and actions as described, and agree to comply with these set policies.

_____ Employee Signature _____	_____ Date _____
_____ Employee Signature _____	_____ Date _____
_____ Employee Signature _____	_____ Date _____
_____ Employee Signature _____	_____ Date _____
_____ Employee Signature _____	_____ Date _____
_____ Employee Signature _____	_____ Date _____
_____ Employee Signature _____	_____ Date _____

# FIGURE 4-DETAILED SITE MAP (ALSO INCLUDED IN HASP & INSPECTION LOG)



**KEY:**

✗ =FIRE EXTINGUISHER



= EYE WASH



=SPILL KIT

**NORTH** ↑  
(NOT TO SCALE)

REVISED: 9-30-2021



P.O. Box 31100 • Portland OR 97231 • Call (503) 224-3206 • Fax (503) 228-9168

# FORMS

- Work Order
- Waste Profile Form
- Inspection Log & Site Map
- Waste In/Waste Out Log
- Non-Conforming Material Notification
- Bill of Lading
- Lab Pack Inventory
- Non-Hazardous Waste Manifest
- Uniform Hazardous Waste Manifest



## WXP Job#:

Item	Unit Price	Unit	X	Estimated Quantity	Total		Actual Quantity	Total Actual
					Estimated			
UN Rated 250G TP Reconditioned		Per Each	X		= \$ -	X	= \$ -	
UN Rated 85DM Salvage Pack		Per Each	X		= \$ -	X	= \$ -	
UN Rated 55DM OT		Per Each	X		= \$ -	X	= \$ -	
UN Rated 55DF OT		Per Each	X		= \$ -	X	= \$ -	
UN Rated 55DM TH		Per Each	X		= \$ -	X	= \$ -	
UN Rated 55DF TH		Per Each	X		= \$ -	X	= \$ -	
05-55CF Lab pack packaging		Per Each	X		= \$ -	X	= \$ -	
UN Rated Cubic yard bag		Per Each	X		= \$ -	X	= \$ -	
chlor-d-tect up to 5 drum equivalent		Per Each	X		= \$ -	X	= \$ -	
		Per Drum	X		= \$ -	X	= \$ -	
		Per Drum	X		= \$ -	X	= \$ -	
		Per Drum	X		= \$ -	X	= \$ -	
		Per Drum	X		= \$ -	X	= \$ -	
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		Per Drum	X		= \$ -	X	= \$ -	
		Per Drum	X		= \$ -	X	= \$ -	
		Per Drum	X		= \$ -	X	= \$ -	
Labor	\$ 70.00	Per Hour	X		= \$ -	X	= \$ -	
Manifest Fee	\$ 30.00	Per Each	X	1	=	X	= \$ -	
Transportation		Per Each	X	1	= \$ -	X	= \$ -	
Fuel, Environmental & Insurance	\$ -	Per Trip	X	18.0%	= \$ -	X	= \$ -	

### Work Details

### Ship materials according to hazard class

### General Assumptions

Pricing terms are time and materials. Actual quantities and unit prices may vary depending on our inspection of each container and materials encountered onsite. Analytical results may be unexpectedly required and may change pickup schedules as well as disposal and other costs. Final transportation and disposal pricing is pending end facility approval. Charges are based on performing all work priced. Pricing assumes drums are UN rated and in shippable condition. Rusty or damaged containers may require additional time, material, and disposal/recycling costs to handle. Assumes the work will proceed unimpeded through to successful completion.

## Terms and Conditions

Please sign below authorizing WasteXpress to proceed with the work as described above. Customer agrees to pay the fee, price or rate given for the work indicated. Customer acknowledges pricing will be increased annually based on consumer price index, customarily ranging between 2%-10%. WasteXpress has sole discretion to adjust Environmental & Insurance surcharge on a quarterly basis according to market conditions. Actual charges will depend on actual amounts of waste managed and time expended. Client agrees to hold harmless and indemnify WasteXpress for all damages, costs, or penalties in connection with WasteXpress' services except as caused solely by WasteXpress. Please sign and return by email to your WasteXpress contact or to [info@wastex.com](mailto:info@wastex.com). Sales, waste, and other taxes are not included. Credit card fee: 2.75%. Payment terms are net 30 days. Interest will be charged at 1.5% per month or the maximum allowed by law for all past due amounts. Thank you for your business.

**Bill To:** \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Request for Waste Profiling and Disposal

Job#: \_\_\_\_\_

Company/Generator Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ #REF! Contact Person: \_\_\_\_\_

EPA ID: \_\_\_\_\_

Waste Name:	Haz & NH waste	Universal waste	
Waste Generating Process:			
Flashpoint:			
pH:			
Heavy Metals:			
RCRA VOC's:			
Viscosity:			
Chemical Composition:			
Analytical or msds on file:			
Hazardous Waste:			
Waste Codes:			
Proposed Facilities:			
Profile Number:			

I hereby certify that all information submitted above and attached contains true and accurate descriptions of this waste. I hereby authorize WasteXpress to proceed with submitting waste profiles, wastestream surveys and or waste approval forms on my behalf to secure necessary approvals to dispose of this waste at a hazardous waste treatment, storage, disposal facility (TSDF) or other facility that is permitted and able to manage this waste. This authorization does not obligate me in any way to direct any volume of this waste to any disposal at this time, but may be decided once waste disposal approval has been obtained. I agree to notify WasteXpress if there is any change in the waste stream information as submitted for approval. I also certify that if waste samples were obtained, they were collected according to EPA acceptable methods and the sample(s) were analyzed by a qualified certified laboratory and that the appropriate chain of custody was used.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_ Title \_\_\_\_\_

Date \_\_\_\_\_ Time \_\_\_\_\_ am/pm (circle one)

Inspector \_\_\_\_\_

NOTE: The same form is used in the Operations Plan (Forms)

☐ **DAILY INSPECTION LOG**

**PLANT/WAREHOUSE/YARD/ PORTABLE**

**SHIPPING CONTAINERS:**

- ☐ All Drums/Containers Clearly Labeled
- ☐ Drums Secured: Closed, Bungs in, Lids on
- ☐ No Leaking/potentially unsafe: Containers, Drums, Secondary Containment, etc.
- ☐ All spills/leaks, trip hazards, out of place equipment/tools & potential hazards addressed
- ☐ Warning Signs unobstructed/clearly posted
- ☐ All Products (Flammable, Corrosive, etc.) Properly stored in appropriate Locker/Cabinet and/or Area
- ☐ Clear Path to Main Power and Fire Alarm system
- ☐ Proper Aisle Spacing Maintained
- ☐ Equipment/Tools (forklift, tools, PPE, etc.) inspected and performing adequately
- ☐ No Spilled or Leaking Containers
- ☐ No Stray Pallets/Drums/Equipment/etc.
- ☐ Secure & Lock All Portable Storage Containers
- ☐ Secure All Trucks- Verify compliance (PM)
- ☐ Walk perimeter fencing (AM)

**PLANT/WAREHOUSE OFFICE:**

- ☐ Turn off: Computers, A/C, Heating unit, lights, all non-essential utilities
- ☐ Clean and Organized: no food, garbage, dirty clothes, compliance issues, etc.
- ☐ Doors/Windows locked
- ☐ Alarm set (last person to leave, verified every workday AM)

**Connex Inspection (indicate approximate quantities to be processed/comments):**

**#3 - Waste Storage/ Oil & Coolant** \_\_\_\_\_

- ☐ Clear Start Date- Within 35-day holding
- ☐ Maximum Capacity 40 drums (55G)

**#4 - Roll Off** \_\_\_\_\_

- ☐ Covered- Doors and Tarp Secured
- ☐ No leaks/spills/staining- all material solidified

**#5- Waste Storage (Medical & Bio Waste)** \_\_\_\_\_

- ☐ Boxes stacked efficiently/safely
- ☐ Maximum Capacity 80 drums (55G)

**#6- Waste Storage** \_\_\_\_\_

- ☐ Compatibility/Segregation adequate
- ☐ Maximum Capacity 80 drums (55G)

**WEEKLY INSPECTION LOG**

**FACILITY-WIDE WEEKLY INSPECTION:**

- ☐ Alarms and Sensors
- ☐ Eye Wash Stations
  - ☐ Plant Office
  - ☐ #2- Flam Bay

- ☐ Spill Kits Fully Stocked
  - ☐ Bay #2 (Plant)
  - ☐ Yard (near ops trailer)
  - ☐ Yard (Behind #4- Gassy water)
- ☐ MSDS's for Usable Hazardous Substances
- ☐ All Outdoor Overhead Lighting
- ☐ Secondary Containment Systems
  - ☐ Bay #2 (Plant)
  - ☐ Aggregate Storage (Plant)
  - ☐ #1- Oil/Coolant
  - ☐ #2- Flam Bay
- ☐ MSDS's for Usable Hazardous Substances
- ☐ All Outdoor Overhead Lighting
- ☐ Fire Extinguisher Verification
  - ☐ Bay 1 (Plant)
  - ☐ Bay 2 (Plant)
  - ☐ Crew Office/Lunchroom
  - ☐ Operations Office
  - ☐ #3- Flam Bay
  - ☐ #6- Waste Storage (#1)
  - ☐ #8- Waste Storage (#2)
  - ☐ #12- Waste Storage (#3)

**COMMENTS:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**#8- Waste Storage** \_\_\_\_\_

- ☐ Compatibility/Segregation adequate
- ☐ Maximum Capacity 80 drums (55G)

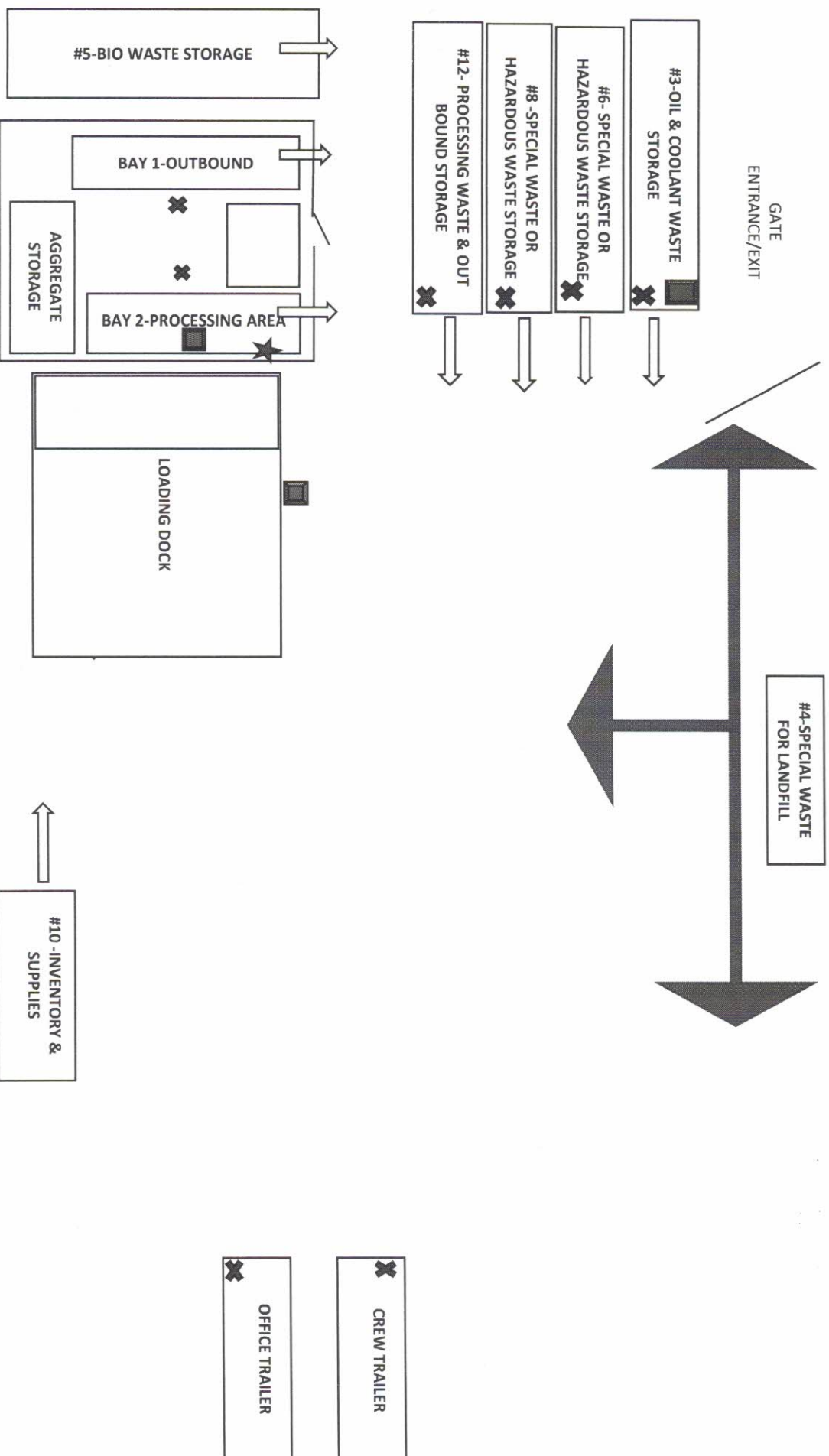
**#10- Supply Storage/No Waste** \_\_\_\_\_

- ☐ Organized & Locked

**#12- Waste Storage** \_\_\_\_\_

- ☐ Compatibility/Segregation adequate
- ☐ Maximum Capacity 80 drums (55G)

# FIGURE 4-DETAILED SITE MAP (ALSO INCLUDED IN HASP & INSPECTION LOG)



KEY:

✖ =FIRE EXTINGUISHER

■ =SPILL KIT

★ = EYE WASH

NORTH ↑  
(NOT TO SCALE)

REVISED: 9-30-2021

[illegible]



P.O. Box 31100 Portland OR 97231 Call 503-224-3206 Fax 503-228-9168

## NON-CONFORMING MATERIAL NOTIFICATION

Date: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Job Number: \_\_\_\_\_

Contact: \_\_\_\_\_

Shipment Date: \_\_\_\_\_

This notification is being sent to inform you that the materials received as described herein do not conform to your original description of the characteristics of the material. The adjusted description of material below properly characterizes the received materials and the adjusted charge will occur. Please contact WasteXpress should you have any questions. Thank you for using WasteXpress.

Original Description of Material: \_\_\_\_\_

Adjusted Description of Material: \_\_\_\_\_

Volume of Waste Non-Conforming: \_\_\_\_\_

Original Charge: \_\_\_\_\_

Adjusted Charge: \_\_\_\_\_

From: \_\_\_\_\_ Date Sent: \_\_\_\_\_

Acknowledgement Signature: \_\_\_\_\_ Date: \_\_\_\_\_





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No.		Manifest Document No.	2. Page 1 of
3. Generator's Name and Mailing Address					
4. Generator's Phone ( )					
5. Transporter 1 Company Name		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address		10. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
			No.	Type	
a.					
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information					
<p><b>16. GENERATOR'S CERTIFICATION:</b> I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.</p>					
Printed/Typed Name			Signature		Date Month Day Year
17. Transporter 1 Acknowledgement of Receipt of Materials			Date		
Printed/Typed Name			Signature		Month Day Year
18. Transporter 2 Acknowledgement of Receipt of Materials			Date		
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator. Certification of receipt of the waste materials covered by this manifest, except as noted in item 19					
Printed/Typed Name			Signature		Date Month Day Year

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Manifest Tracking Number			
								007443489 FLE			
GENERATOR		5. Generator's Name and Mailing Address				Generator's Site Address (if different than mailing address)					
TRANSPORTER		Generator's Phone:									
		6. Transporter 1 Company Name				U.S. EPA ID Number					
DESIGNATED FACILITY		7. Transporter 2 Company Name				U.S. EPA ID Number					
		8. Designated Facility Name and Site Address				U.S. EPA ID Number					
DESIGNATED FACILITY		Facility's Phone:									
DESIGNATED FACILITY		9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
						No.	Type				
DESIGNATED FACILITY				1.							
DESIGNATED FACILITY				2.							
DESIGNATED FACILITY				3.							
DESIGNATED FACILITY				4.							
DESIGNATED FACILITY		14. Special Handling Instructions and Additional Information									
DESIGNATED FACILITY		15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
		Generator's/Officer's Printed/Typed Name				Signature				Month Day Year	
DESIGNATED FACILITY		16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
		Transporter signature (for exports only): _____									
DESIGNATED FACILITY		17. Transporter Acknowledgment of Receipt of Materials									
		Transporter 1 Printed/Typed Name				Signature				Month Day Year	
DESIGNATED FACILITY		Transporter 2 Printed/Typed Name				Signature				Month Day Year	
DESIGNATED FACILITY		18. Discrepancy									
		18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
DESIGNATED FACILITY		18b. Alternate Facility (or Generator)				Manifest Reference Number:				U.S. EPA ID Number	
DESIGNATED FACILITY		Facility's Phone:									
		18c. Signature of Alternate Facility (or Generator)								Month Day Year	
DESIGNATED FACILITY		19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
		1.		2.		3.		4.			
DESIGNATED FACILITY		20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
		Printed/Typed Name				Signature				Month Day Year	

Date \_\_\_\_\_ Time \_\_\_\_\_ am/pm (circle one)

Inspector \_\_\_\_\_

NOTE: The same form is used in the Operations Plan (Forms)

☐ **DAILY INSPECTION LOG**

**PLANT/WAREHOUSE/YARD/ PORTABLE**

**SHIPPING CONTAINERS:**

- ☐ All Drums/Containers Clearly Labeled
- ☐ Drums Secured: Closed, Bungs in, Lids on
- ☐ No Leaking/potentially unsafe: Containers, Drums, Secondary Containment, etc.
- ☐ All spills/leaks, trip hazards, out of place equipment/tools & potential hazards addressed
- ☐ Warning Signs unobstructed/clearly posted
- ☐ All Products (Flammable, Corrosive, etc.) Properly stored in appropriate Locker/Cabinet and/or Area
- ☐ Clear Path to Main Power and Fire Alarm system
- ☐ Proper Aisle Spacing Maintained
- ☐ Equipment/Tools (forklift, tools, PPE, etc.) inspected and performing adequately
- ☐ No Spilled or Leaking Containers
- ☐ No Stray Pallets/Drums/Equipment/etc.
- ☐ Secure & Lock All Portable Storage Containers
- ☐ Secure All Trucks- Verify compliance (PM)
- ☐ Walk perimeter fencing (AM)

**PLANT/WAREHOUSE OFFICE:**

- ☐ Turn off: Computers, A/C, Heating unit, lights, all non-essential utilities
- ☐ Clean and Organized: no food, garbage, dirty clothes, compliance issues, etc.
- ☐ Doors/Windows locked
- ☐ Alarm set (last person to leave, verified every workday AM)

**Connex Inspection (indicate approximate quantities to be processed/comments):**

**#3 – Waste Storage/ Oil & Coolant** \_\_\_\_\_

- ☐ Clear Start Date- Within 35-day holding
- ☐ Maximum Capacity 40 drums (55G)

**#4 - Roll Off** \_\_\_\_\_

- ☐ Covered- Doors and Tarp Secured
- ☐ No leaks/spills/staining- all material solidified

**#5- Waste Storage (Medical & Bio Waste)** \_\_\_\_\_

- ☐ Boxes stacked efficiently/safely
- ☐ Maximum Capacity 80 drums (55G)

**#6- Waste Storage** \_\_\_\_\_

- ☐ Compatibility/Segregation adequate
- ☐ Maximum Capacity 80 drums (55G)

**#8- Waste Storage** \_\_\_\_\_

- ☐ Compatibility/Segregation adequate
- ☐ Maximum Capacity 80 drums (55G)

**# 10- Supply Storage/No Waste** \_\_\_\_\_

- ☐ Organized & Locked

**#12- Waste Storage** \_\_\_\_\_

- ☐ Compatibility/Segregation adequate
- ☐ Maximum Capacity 80 drums (55G)

**WEEKLY INSPECTION LOG**

**FACILITY-WIDE WEEKLY INSPECTION:**

- ☐ Alarms and Sensors
- ☐ Eye Wash Stations
  - ☐ Plant
- ☐ Spill Kits Fully Stocked
  - ☐ Bay #2 (Plant)
  - ☐ Yard (near ops trailer)
- ☐ MSDS's for Usable Hazardous Substances
- ☐ All Outdoor Overhead Lighting
- ☐ Secondary Containment Systems
  - ☐ Bay #2 (Plant)
  - ☐ Aggregate Storage (Plant)
  - ☐ #3- Oil/Coolant
- ☐ MSDS's for Usable Hazardous Substances
- ☐ All Outdoor Overhead Lighting
- ☐ Fire Extinguisher Verification
  - ☐ Bay 1 (Plant)
  - ☐ Bay 2 (Plant)
  - ☐ Crew Office/Lunchroom
  - ☐ #3- Oil Coolant Storage
  - ☐ #6- Waste Storage
  - ☐ #8- Waste Storage
  - ☐ #12- Waste Storage

**COMMENTS:** \_\_\_\_\_

\_\_\_\_\_

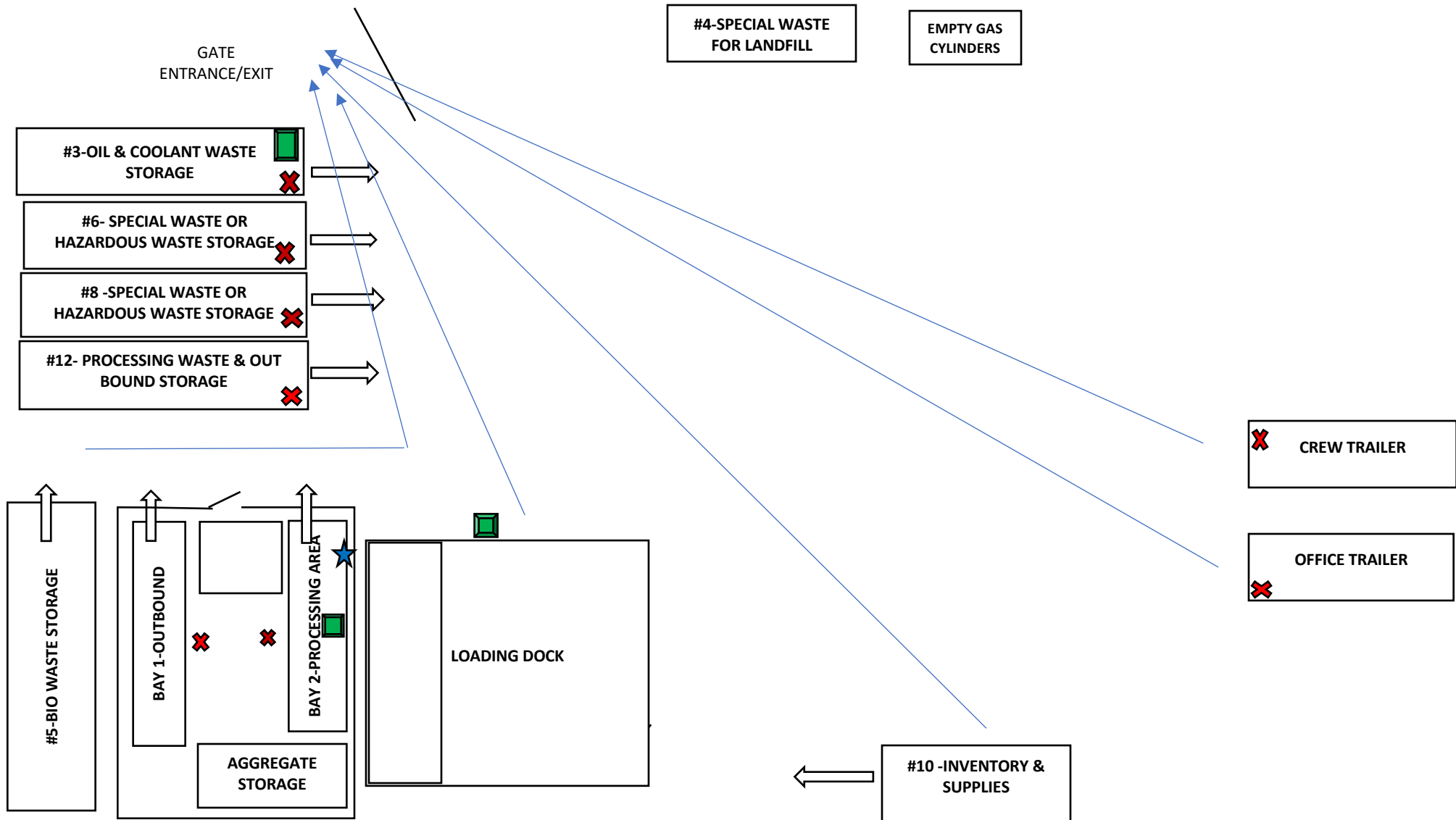
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# EVACUATION SITE MAP



## KEY:

✗ =FIRE EXTINGUISHER



= EYE WASH



=SPILL KIT

**NORTH** ↑  
(NOT TO SCALE)

REVISED: 2-22-24

**ACORD**<sup>TM</sup>**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)

10/22/2024

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 any rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> <b>Propel Insurance</b> <b>1201 Pacific Avenue; Suite 1000</b> <b>COM Construction</b> <b>Tacoma, WA 98402-4321</b>		<b>CONTACT NAME:</b> Marci Berger <b>PHONE (A/C, No, Ext):</b> 800 499-0933 <b>E-MAIL ADDRESS:</b> marci.berger@propelinsurance.com <b>FAX (A/C, No):</b> 866 577-1326															
<b>INSURED</b> <b>WasteXpress Environmental LLC dba</b> <b>WasteXpress</b> <b>PO Box 267</b> <b>Vancouver, WA 98666</b>		<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td><b>INSURER A : Steadfast Insurance Company</b></td> <td><b>26387</b></td> </tr> <tr> <td><b>INSURER B : Zurich American Insurance Company</b></td> <td><b>16535</b></td> </tr> <tr> <td><b>INSURER C :</b></td> <td></td> </tr> <tr> <td><b>INSURER D :</b></td> <td></td> </tr> <tr> <td><b>INSURER E :</b></td> <td></td> </tr> <tr> <td><b>INSURER F :</b></td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	<b>INSURER A : Steadfast Insurance Company</b>	<b>26387</b>	<b>INSURER B : Zurich American Insurance Company</b>	<b>16535</b>	<b>INSURER C :</b>		<b>INSURER D :</b>		<b>INSURER E :</b>		<b>INSURER F :</b>	
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<b>INSURER C :</b>																	
<b>INSURER D :</b>																	
<b>INSURER E :</b>																	
<b>INSURER F :</b>																	

**COVERAGES****CERTIFICATE NUMBER:****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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
<b>A</b>	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> <b>BI/PD Ded:10000</b> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>GPL6418568601</b>	<b>07/01/2024</b>	<b>07/01/2025</b>	EACH OCCURRENCE <b>\$2,000,000</b> DAMAGE TO RENTED PREMISES (Ea occurrence) <b>\$100,000</b> MED EXP (Any one person) <b>\$25,000</b> PERSONAL & ADV INJURY <b>\$2,000,000</b> GENERAL AGGREGATE <b>\$4,000,000</b> PRODUCTS - COMP/OP AGG <b>\$2,000,000</b> \$
<b>B</b>	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>BAP641858501</b>	<b>07/01/2024</b>	<b>07/01/2025</b>	COMBINED SINGLE LIMIT (Ea accident) <b>\$2,000,000</b> BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
<b>A</b>	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input type="checkbox"/> EXCESS LIAB DED RETENTION \$	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>SXS602961101</b>	<b>07/01/2024</b>	<b>07/01/2025</b>	EACH OCCURRENCE <b>\$10,000,000</b> AGGREGATE <b>\$10,000,000</b> \$
<b>B</b>	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE/OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		<input checked="" type="checkbox"/>	<b>WC641858401</b> <b>Incl WA Stop Gap</b> <b>Incl USL&amp;H</b>	<b>07/01/2024</b>	<b>07/01/2025</b>	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT <b>\$1,000,000</b> E.L. DISEASE - EA EMPLOYEE <b>\$1,000,000</b> E.L. DISEASE - POLICY LIMIT <b>\$1,000,000</b>
<b>A</b>	<b>Pollution</b>			<b>GPL6418568601</b>	<b>07/01/2024</b>	<b>07/01/2025</b>	<b>\$2,000,000 /\$25,000 Ded</b>

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

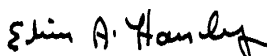
Metro, it's elected officials, departments, employees, volunteers and agents are included as additional insured per the attached forms. A Waiver of Subrogation exists in favor of Additional Insured's as required by written contract. Umbrella coverage is follow form as it pertains to Additional Insured's.

**CERTIFICATE HOLDER****CANCELLATION**

**Metro**  
**600 NE Grand Avenue**  
**Portland, OR 97232-2736**

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



This page has been left blank intentionally.

# Additional Insured-Automatic-Owners, Lessees Or Contractors



Coverage Part One-Commercial General Liability  
Coverage Part Two-Contractor's Pollution Liability

Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer	Add'l Prem.	Return Prem.
GPL 6418586-01	07/01/2024	07/01/2025	07/01/2024	23175000	-----	-----

## Named Insured and Mailing Address:

PNE INTERCO, LLC  
1121 COLUMBIA BLVD  
LONGVIEW, WA 98632-1002

## Producer:

SYNAPSE SERVICES LLC  
198 W HIGH ST  
SOMERVILLE, NJ 08876-1862

## THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the following:

### Environmental Services Package Policy

- ☒ COVERAGE PART ONE-COMMERCIAL GENERAL LIABILITY  
☒ COVERAGE PART TWO-CONTRACTOR'S POLLUTION LIABILITY

1. Who is an Insured (Section I.) in the COMMON COVERAGE PROVISIONS is amended to include as an additional insured any person(s) or organization(s) whom you are required to add as an additional insured on this policy under a written contract or written agreement.
2. The insurance provided to the additional insured person(s) or organization(s) applies only to:
  - a. "Bodily injury", "property damage" or "personal and advertising injury" under COVERAGE PART ONE-COMMERCIAL GENERAL LIABILITY, COVERAGE A - BODILY INJURY AND PROPERTY DAMAGE LIABILITY and COVERAGE B - PERSONAL AND ADVERTISING INJURY LIABILITY caused, in whole or in part, by:
    - (1) Your acts or omissions; or
    - (2) The acts or omissions of those acting on your behalf;and resulting directly from:
    - (a) Your ongoing operations performed for the additional insured, which is the subject of the written contract or written agreement; or
    - (b) "Your work" completed as included in the "products-completed operations hazard", performed for the additional insured, which is the subject of the written contract or written agreement; and/or
  - b. "Claims" arising out of a "pollution event" under COVERAGE PART TWO - CONTRACTOR'S POLLUTION LIABILITY, caused, in whole or in part, by:
    - (1) Your acts or omissions; or
    - (2) The acts or omissions of those acting on your behalf,and resulting directly from:
    - (a) "Covered operations" performed for the additional insured, which is the subject of the written contract or written agreement; or

(b) "Completed operations" of the "covered operations" performed for the additional insured, which is the subject of the written contract or written agreement.

3. However, regardless of the provisions of paragraphs 1. and 2. above, the insurance afforded to such additional insured:

- a. Only applies to the extent permitted by law; and
- b. Will not be broader than that which you are required by the written contract or written agreement to provide to such additional insured.

4. With respect to the insurance afforded to the additional insured under this endorsement, the following is added to **Section III – Limits Of Insurance and Deductible:**

The most we will pay on behalf of the additional insured is the amount of insurance:

- a. Required by the written contract or written agreement you have entered into with the additional insured; or
  - b. Available under the applicable Limits of Insurance shown in the Declarations,
- whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations

5. The insurance provided to the additional insured person or organization does not apply to:

"Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering or failure to render any professional architectural, engineering or surveying services including:

- (1) The preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
- (2) Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or the failure to render any architectural, engineering or surveying services.

6. The additional insured must see to it that:

- a. We are notified as soon as practicable of an "occurrence", offense or "pollution event", as applicable, that may result in a claim;
- b. We receive written notice of a claim or "suit" as soon as practicable; and
- c. A request for defense and indemnity of the claim or "suit" will promptly be brought against any policy issued by another insurer under which the additional insured may be an insured in any capacity. This provision does not apply to insurance on which the additional insured is a Named Insured, if the written contract or written agreement requires that this coverage be primary and non-contributory.

7. For the coverage provided by this endorsement:

a. The following paragraph is added to Paragraph 8.a. Other Insurance, Conditions (Section V.) in the COMMON COVERAGE PROVISIONS:

Primary and Noncontributory Insurance

This Insurance is primary to and will not seek contribution from any other insurance available to an additional insured under this endorsement provided that:

- (1) The additional insured is a Named Insured under such other insurance; and
- (2) You have agreed in a written contract or written agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

b. The following paragraph is added to Paragraph 8.b. Other Insurance, Conditions (Section V.) in the COMMON COVERAGE PROVISIONS:

This insurance is excess over:

Any of the other insurance, whether primary, excess, contingent or on any other basis, available to an additional insured, in which the additional insured on our policy is also covered as an additional insured on another policy providing coverage for the same "occurrence", offense, claim or "suit". This provision does not apply to any policy in which the additional insured is a Named Insured on such other policy and where our policy is required by written contract or written agreement to provide coverage to the additional insured on a primary and non-contributory basis.

8. This endorsement does not apply to an additional insured which has been added to this policy by an endorsement showing the additional insured in a Schedule of additional insureds, and which endorsement applies specifically to that identified additional insured.

**ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL APPLY AND REMAIN UNCHANGED.**

# Waiver of Transfer of Rights of Recovery Against Others – Blanket as Required by Contract



Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer	Add'l Prem.	Return Prem.
GPL 6418586-01	07/01/2024	07/01/2025	07/01/2024	23175000	-----	-----

**Named Insured and Mailing Address:**

PNE INTERCO, LLC  
1121 COLUMBIA BLVD  
LONGVIEW, WA 98632-1002

**Producer:**

SYNAPSE SERVICES LLC  
198 W HIGH ST  
SOMERVILLE, NJ 08876-1862

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

This endorsement modifies insurance provided under the following:

**Environmental Services Package Policy**

- ☒ COVERAGE PART ONE – COMMERCIAL GENERAL LIABILITY
- ☒ COVERAGE PART TWO – CONTRACTOR'S POLLUTION LIABILITY
- ☒ COVERAGE PART THREE – PROFESSIONAL LIABILITY

In consideration of the payment of premium and the Deductible by you and in reliance upon the statements in the Application made a part hereof, we agree with you, subject to all the terms, exclusions and conditions that with respect to the coverage parts indicated above Conditions (Section V.) of the COMMON COVERAGE PROVISIONS, Condition 14. Subrogation is amended by the addition of the following:

We waive any right of recovery we may have against any person or organization whom you are required to waive your right of subrogation by a written contract or written agreement executed and effective prior to the performance of your services which is the subject of such written contract or written agreement.

**ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL APPLY AND REMAIN UNCHANGED.**



# Coverage Extension Endorsement

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

Policy No. BAP641858501

Effective Date: 07/01/2024

This endorsement modifies insurance provided under the:

**Business Auto Coverage Form  
Motor Carrier Coverage Form**

## A. Amended Who Is An Insured

1. The following is added to the **Who Is An Insured** Provision in **Section II – Covered Autos Liability Coverage**:

The following are also "insureds":

- a. Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow for acts performed within the scope of employment by you. Any "employee" of yours is also an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.
- b. Anyone volunteering services to you is an "insured" while using a covered "auto" you don't own, hire or borrow to transport your clients or other persons in activities necessary to your business.
- c. Anyone else who furnishes an "auto" referenced in Paragraphs **A.1.a.** and **A.1.b.** in this endorsement.
- d. Where and to the extent permitted by law, any person(s) or organization(s) where required by written contract or written agreement with you executed prior to any "accident", including those person(s) or organization(s) directing your work pursuant to such written contract or written agreement with you, provided the "accident" arises out of operations governed by such contract or agreement and only up to the limits required in the written contract or written agreement, or the Limits of Insurance shown in the Declarations, whichever is less.

2. The following is added to the **Other Insurance** Condition in the Business Auto Coverage Form and the **Other Insurance – Primary and Excess Insurance Provisions Condition** in the Motor Carrier Coverage Form:

Coverage for any person(s) or organization(s), where required by written contract or written agreement with you executed prior to any "accident", will apply on a primary and non-contributory basis and any insurance maintained by the additional "insured" will apply on an excess basis. However, in no event will this coverage extend beyond the terms and conditions of the Coverage Form.

## B. Amendment – Supplementary Payments

Paragraphs **a.(2)** and **a.(4)** of the **Coverage Extensions** Provision in **Section II – Covered Autos Liability Coverage** are replaced by the following:

- (2) Up to \$5,000 for the cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.
- (4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.

## C. Fellow Employee Coverage

The **Fellow Employee** Exclusion contained in **Section II – Covered Autos Liability Coverage** does not apply.

#### **D. Driver Safety Program Liability and Physical Damage Coverage**

1. The following is added to the **Racing** Exclusion in **Section II – Covered Autos Liability Coverage**:

This exclusion does not apply to covered "autos" participating in a driver safety program event, such as, but not limited to, auto or truck rodeos and other auto or truck agility demonstrations.

2. The following is added to Paragraph 2. in **B. Exclusions** of **Section III – Physical Damage Coverage** of the Business Auto Coverage Form and Paragraph 2.b. in **B. Exclusions** of **Section IV – Physical Damage Coverage** of the Motor Carrier Coverage Form:

This exclusion does not apply to covered "autos" participating in a driver safety program event, such as, but not limited to, auto or truck rodeos and other auto or truck agility demonstrations.

#### **E. Lease or Loan Gap Coverage**

The following is added to the **Coverage** Provision of the **Physical Damage Coverage** Section:

##### **Lease Or Loan Gap Coverage**

In the event of a total "loss" to a covered "auto", we will pay any unpaid amount due on the lease or loan for a covered "auto", less:

- a. Any amount paid under the **Physical Damage Coverage** Section of the Coverage Form; and
- b. Any:
  - (1) Overdue lease or loan payments at the time of the "loss";
  - (2) Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage;
  - (3) Security deposits not returned by the lessor;
  - (4) Costs for extended warranties, credit life insurance, health, accident or disability insurance purchased with the loan or lease; and
  - (5) Carry-over balances from previous leases or loans.

#### **F. Towing and Labor**

Paragraph **A.2.** of the **Physical Damage Coverage** Section is replaced by the following:

We will pay up to \$75 for towing and labor costs incurred each time a covered "auto" that is a "private passenger type", light truck or medium truck is disabled. However, the labor must be performed at the place of disablement.

As used in this provision, "private passenger type" means a private passenger or station wagon type "auto" and includes an "auto" of the pickup or van type if not used for business purposes.

#### **G. Extended Glass Coverage**

The following is added to Paragraph **A.3.a.** of the **Physical Damage Coverage** Section:

If glass must be replaced, the deductible shown in the Declarations will apply. However, if glass can be repaired and is actually repaired rather than replaced, the deductible will be waived. You have the option of having the glass repaired rather than replaced.

#### **H. Hired Auto Physical Damage – Increased Loss of Use Expenses**

The **Coverage Extension** for **Loss Of Use Expenses** in the **Physical Damage Coverage** Section is replaced by the following:

##### **Loss Of Use Expenses**

For Hired Auto Physical Damage, we will pay expenses for which an "insured" becomes legally responsible to pay for loss of use of a vehicle rented or hired without a driver under a written rental contract or written rental agreement. We will pay for loss of use expenses if caused by:

- (1) Other than collision only if the Declarations indicate that Comprehensive Coverage is provided for any covered "auto";

- (2) Specified Causes Of Loss only if the Declarations indicate that Specified Causes Of Loss Coverage is provided for any covered "auto"; or
  - (3) Collision only if the Declarations indicate that Collision Coverage is provided for any covered "auto".
- However, the most we will pay for any expenses for loss of use is \$100 per day, to a maximum of \$3000.

#### **I. Personal Effects Coverage**

The following is added to the **Coverage** Provision of the **Physical Damage Coverage** Section:

##### **Personal Effects Coverage**

- a. We will pay up to \$750 for "loss" to personal effects which are:
  - (1) Personal property owned by an "insured"; and
  - (2) In or on a covered "auto".
- b. Subject to Paragraph a. above, the amount to be paid for "loss" to personal effects will be based on the lesser of:
  - (1) The reasonable cost to replace; or
  - (2) The actual cash value.
- c. The coverage provided in Paragraphs a. and b. above, only applies in the event of a total theft of a covered "auto". No deductible applies to this coverage. However, we will not pay for "loss" to personal effects of any of the following:
  - (1) Accounts, bills, currency, deeds, evidence of debt, money, notes, securities, or commercial paper or other documents of value.
  - (2) Bullion, gold, silver, platinum, or other precious alloys or metals; furs or fur garments; jewelry, watches, precious or semi-precious stones.
  - (3) Paintings, statuary and other works of art.
  - (4) Contraband or property in the course of illegal transportation or trade.
  - (5) Tapes, records, discs or other similar devices used with audio, visual or data electronic equipment.

Any coverage provided by this Provision is excess over any other insurance coverage available for the same "loss".

#### **J. Tapes, Records and Discs Coverage**

- 1. The Exclusion in Paragraph B.4.a. of **Section III – Physical Damage Coverage** in the Business Auto Coverage Form and the Exclusion in Paragraph B.2.c. of **Section IV – Physical Damage Coverage** in the Motor Carrier Coverage Form does not apply.
- 2. The following is added to Paragraph 1.a. **Comprehensive Coverage** under the **Coverage** Provision of the **Physical Damage Coverage** Section:

We will pay for "loss" to tapes, records, discs or other similar devices used with audio, visual or data electronic equipment. We will pay only if the tapes, records, discs or other similar audio, visual or data electronic devices:

- (a) Are the property of an "insured"; and
- (b) Are in a covered "auto" at the time of "loss".

The most we will pay for such "loss" to tapes, records, discs or other similar devices is \$500. The **Physical Damage Coverage Deductible** Provision does not apply to such "loss".

#### **K. Airbag Coverage**

The Exclusion in Paragraph B.3.a. of **Section III – Physical Damage Coverage** in the Business Auto Coverage Form and the Exclusion in Paragraph B.4.a. of **Section IV – Physical Damage Coverage** in the Motor Carrier Coverage Form does not apply to the accidental discharge of an airbag.

#### **L. Two or More Deductibles**

The following is added to the **Deductible** Provision of the **Physical Damage Coverage** Section:

If an accident is covered both by this policy or Coverage Form and by another policy or Coverage Form issued to you by us, the following applies for each covered "auto" on a per vehicle basis:

1. If the deductible on this policy or Coverage Form is the smaller (or smallest) deductible, it will be waived; or
2. If the deductible on this policy or Coverage Form is not the smaller (or smallest) deductible, it will be reduced by the amount of the smaller (or smallest) deductible.

#### **M. Temporary Substitute Autos – Physical Damage**

1. The following is added to **Section I – Covered Autos**:

##### **Temporary Substitute Autos – Physical Damage**

If Physical Damage Coverage is provided by this Coverage Form on your owned covered "autos", the following types of vehicles are also covered "autos" for Physical Damage Coverage:

Any "auto" you do not own when used with the permission of its owner as a temporary substitute for a covered "auto" you do own but is out of service because of its:

1. Breakdown;
  2. Repair;
  3. Servicing;
  4. "Loss"; or
  5. Destruction.
2. The following is added to the Paragraph **A. Coverage** Provision of the **Physical Damage Coverage** Section:

##### **Temporary Substitute Autos – Physical Damage**

We will pay the owner for "loss" to the temporary substitute "auto" unless the "loss" results from fraudulent acts or omissions on your part. If we make any payment to the owner, we will obtain the owner's rights against any other party.

The deductible for the temporary substitute "auto" will be the same as the deductible for the covered "auto" it replaces.

#### **N. Amended Duties In The Event Of Accident, Claim, Suit Or Loss**

Paragraph **a.** of the **Duties In The Event Of Accident, Claim, Suit Or Loss** Condition is replaced by the following:

- a. In the event of "accident", claim, "suit" or "loss", you must give us or our authorized representative prompt notice of the "accident", claim, "suit" or "loss". However, these duties only apply when the "accident", claim, "suit" or "loss" is known to you (if you are an individual), a partner (if you are a partnership), a member (if you are a limited liability company) or an executive officer or insurance manager (if you are a corporation). The failure of any agent, servant or employee of the "insured" to notify us of any "accident", claim, "suit" or "loss" shall not invalidate the insurance afforded by this policy.

Include, as soon as practicable:

- (1) How, when and where the "accident" or "loss" occurred and if a claim is made or "suit" is brought, written notice of the claim or "suit" including, but not limited to, the date and details of such claim or "suit";
- (2) The "insured's" name and address; and
- (3) To the extent possible, the names and addresses of any injured persons and witnesses.

If you report an "accident", claim, "suit" or "loss" to another insurer when you should have reported to us, your failure to report to us will not be seen as a violation of these amended duties provided you give us notice as soon as practicable after the fact of the delay becomes known to you.

#### **O. Waiver of Transfer Of Rights Of Recovery Against Others To Us**

The following is added to the **Transfer Of Rights Of Recovery Against Others To Us** Condition:

This Condition does not apply to the extent required of you by a written contract, executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated by such contract. This waiver only applies to the person or organization designated in the contract.

**P. Employee Hired Autos – Physical Damage**

Paragraph **b.** of the **Other Insurance** Condition in the Business Auto Coverage Form and Paragraph **f.** of the **Other Insurance – Primary and Excess Insurance Provisions** Condition in the Motor Carrier Coverage Form are replaced by the following:

For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented under a written contract or written agreement entered into by an "employee" or elected or appointed official with your permission while being operated within the course and scope of that "employee's" employment by you or that elected or appointed official's duties as respect their obligations to you.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

**Q. Unintentional Failure to Disclose Hazards**

The following is added to the **Concealment, Misrepresentation Or Fraud** Condition:

However, we will not deny coverage under this Coverage Form if you unintentionally:

- (1) Fail to disclose any hazards existing at the inception date of this Coverage Form; or
- (2) Make an error, omission, improper description of "autos" or other misstatement of information.

You must notify us as soon as possible after the discovery of any hazards or any other information that was not provided to us prior to the acceptance of this policy.

**R. Hired Auto – World Wide Coverage**

Paragraph **7.b.(5)** of the **Policy Period, Coverage Territory** Condition is replaced by the following:

- (5) Anywhere else in the world if a covered "auto" is leased, hired, rented or borrowed for a period of 60 days or less,

**S. Bodily Injury Redefined**

The definition of "bodily injury" in the **Definitions** Section is replaced by the following:

"Bodily injury" means bodily injury, sickness or disease, sustained by a person including death or mental anguish, resulting from any of these at any time. Mental anguish means any type of mental or emotional illness or disease.

**T. Expected Or Intended Injury**

The **Expected Or Intended Injury** Exclusion in Paragraph **B. Exclusions** under **Section II – Covered Auto Liability Coverage** is replaced by the following:

**Expected Or Intended Injury**

"Bodily injury" or "property damage" expected or intended from the standpoint of the "insured". This exclusion does not apply to "bodily injury" or "property damage" resulting from the use of reasonable force to protect persons or property.

**U. Physical Damage – Additional Temporary Transportation Expense Coverage**

Paragraph **A.4.a.** of **Section III – Physical Damage Coverage** is replaced by the following:

**4. Coverage Extensions**

**a. Transportation Expenses**

We will pay up to \$50 per day to a maximum of \$1,000 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type. We will pay only for those covered "autos" for which you carry either Comprehensive or Specified Causes of Loss Coverage. We will pay for temporary transportation expenses incurred during the period beginning 48 hours after the theft and ending, regardless of the policy's expiration, when the covered "auto" is returned to use or we pay for its "loss".

## **V. Replacement of a Private Passenger Auto with a Hybrid or Alternative Fuel Source Auto**

The following is added to Paragraph **A. Coverage** of the **Physical Damage Coverage** Section:

In the event of a total "loss" to a covered "auto" of the private passenger type that is replaced with a hybrid "auto" or "auto" powered by an alternative fuel source of the private passenger type, we will pay an additional 10% of the cost of the replacement "auto", excluding tax, title, license, other fees and any aftermarket vehicle upgrades, up to a maximum of \$2500. The covered "auto" must be replaced by a hybrid "auto" or an "auto" powered by an alternative fuel source within 60 calendar days of the payment of the "loss" and evidenced by a bill of sale or new vehicle lease agreement.

To qualify as a hybrid "auto", the "auto" must be powered by a conventional gasoline engine and another source of propulsion power. The other source of propulsion power must be electric, hydrogen, propane, solar or natural gas, either compressed or liquefied. To qualify as an "auto" powered by an alternative fuel source, the "auto" must be powered by a source of propulsion power other than a conventional gasoline engine. An "auto" solely propelled by biofuel, gasoline or diesel fuel or any blend thereof is not an "auto" powered by an alternative fuel source.

## **W. Return of Stolen Automobile**

The following is added to the **Coverage Extension** Provision of the **Physical Damage Coverage** Section:

If a covered "auto" is stolen and recovered, we will pay the cost of transport to return the "auto" to you. We will pay only for those covered "autos" for which you carry either Comprehensive or Specified Causes of Loss Coverage.

All other terms, conditions, provisions and exclusions of this policy remain the same.



# Portland City Auditor

## Hearings Office

1900 SW 4<sup>th</sup> Avenue, Room 3100, Portland, OR 97201  
[www.portlandoregon.gov/auditor/hearings](http://www.portlandoregon.gov/auditor/hearings)

phone: (503) 823-7307  
fax: (503) 823-4347



### DECISION OF THE HEARINGS OFFICER IN UNCONTESTED CASE

**File No.:** LU 14-235840 CU AD  
(Hearings Office - 4150035)

**Applicant:** Arthur Marx  
WasteXpress of International Resource Management, Inc.  
P.O. Box 83492  
Portland, OR 97283

**Representative:** Hann Lee, Engineering Consultant  
H. Lee & Associates  
P.O. Box 1849  
Vancouver, WA 98668

**Hearings Officer:** Gregory J. Frank

**Bureau of Development Services (BDS) Representative:** Sheila Frugoli

**Site Address:** 11618 N Lombard Street

**Legal Description:** TL 1600 0.64 ACRES, SECTION 35 2N 1W

**Tax Account No.:** R971350050

**State ID No.:** 2N1W35D 01600

**Quarter Section:** 1820

**Neighborhood:** St. Johns

**Business District:** Columbia Corridor Association

**District Coalition:** North Portland Neighborhood Services

**Zoning:** IH – Heavy Industrial

**Land Use Review:** Type III, Conditional Use Review and Adjustment (CU AD)

**BDS Staff Recommendation to Hearings Officer: Approval with Conditions**

**Public Hearing:** The hearing was opened at 9:00 a.m. on March 30, 2016, in the 3<sup>rd</sup> floor hearing room, 1900 SW 4<sup>th</sup> Avenue, Portland, Oregon, and was closed at 9:24 a.m. The applicant waived applicant's rights granted by ORS 197.763 (6)(e), if any, to an additional 7 day time period to submit written rebuttal into the record. The record was closed at the end of the hearing.

**Testified at the Hearing:**

- Sheila Frugoli
- Arthur Marx
- Hann Lee

**Proposal:** The applicant is requesting a Conditional Use Review to legally establish and expand the existing facilities for WasteXpress, a full service waste transportation, disposal and remediation contractor. The business accepts hazardous wastes such as solvents, acids and heavy metal materials as well as non-hazardous wastes such as latex paints and garden products. Other materials such as oil products, batteries, pesticides, asbestos and medical waste are also accepted. Because the Portland Zoning Code classifies this as a Waste-Related Use, it is only allowed in Industrial zones as a Conditional Use. The applicant intends to replace the existing shop with a larger, approximately 10,500 square-foot shop/warehouse building with 5 loading bays. This building will house the operations of the Waste-Related Use. A modular office building will be located on the site during construction. After the new shop is completed, a 2-story accessory office building and associated parking will be constructed to serve the business.

Also requested are the following Adjustments: (1) To reduce the 100-foot setback requirement from all property lines for waste-related uses (33.254.080.A); (2) Waive the landscaping (L1-general standard and L3-high screen standard) that is required within the 100-foot setback (33.254.080.B); (3) Waive the required setback and perimeter landscaping requirement between the north property line and the proposed parking area (33.266.130.G.2); (4) Waive the setback and landscape standard between the truck loading area and the north property line (33.266.310.E); and (5) Waive the requirement that a fence be installed on the interior side of the required 100-foot setback for the waste-related use (33.254.080.B).

The applicant recently received City Council approval to vacate N. Terminal Road (VAC-10096). Access onto the site will be provided on the existing paved roadway via an access easement granted from the northern-abutting property owner.

**Approval Criteria:** In order to be approved, this proposal must comply with the approval criteria of Title 33, Portland Zoning Code. The applicable approval criteria are:

- 33.815.220 – Conditional Use Mining and Waste-Related
- 33.805.040.A-F, Adjustments

**Hearings Officer Decision:** It is the decision of the Hearings Officer to adopt and incorporate into this decision the facts, findings, and conclusions of the Bureau of Development Services in their Staff Report and Recommendation to the Hearings Officer dated March 18, 2016, and to issue the following approval:

**Approval** of a Conditional Use to establish a Waste-Related Use that provides waste-transfer services where customer waste is transported to the facility in sealed containers, is consolidated in containers and is temporarily stored on-site and then transported off-site for disposal, recycling or incineration, as described in Exhibits A.1.- A.14, and

**Approval** of an Adjustment to:

1. Reduce the required 100-foot setback to 10 feet (33.254.080.A);
  2. Waive the L1, General Landscaping requirement within the required setback and the L3 landscaping standard along the required fence 33.254.080.B);
  3. Waive the requirement of a fence being installed on the interior side of the required setback (Section 33.254.080.B),
  4. Waive the required parking area setback and perimeter landscaping along the northern property line (33.266.130.G.2); and
  5. Waive the required loading area setback and landscaping along the northern property line (33.266.310.E), subject to the following conditions:
- A. As part of the building permit application submittal, the following development-related conditions (B and C) must be noted on each of the 4 required site plans or included as a sheet in the numbered set of plans. The sheet on which this information appears must be labeled "ZONING COMPLIANCE PAGE - Case File LU 13-181212 CU AD." All requirements must be graphically represented on the site plan, landscape, or other required plan and must be labeled "REQUIRED."
  - B. The acceptance, transport, storage and processing of waste-related materials must occur within a designated building that is fully enclosed and has been constructed in compliance with Bureau of Environmental Service secondary containment requirements.
  - C. The address for the facility must be prominently displayed and a sign, which identifies the business, a business representative with a phone number, must be installed on the entrance gate to the facility. The sign must include 24-hour emergency contact information.
  - D. A copy of the recorded easement for vehicle access on the northern abutting property must be included in the Building Permit application submittal.
  - E. At least 10 on-site vehicle parking spaces must be provided to serve the Waste-Related Use.

**Basis for the Decision:** BDS Staff Report in LU 14-235840 CU AD, Exhibits A.1 through H.7, and the hearing testimony from those listed above.

  
\_\_\_\_\_  
Gregory J. Frank, Hearings Officer

3/31/16  
\_\_\_\_\_  
Date

Application Determined Complete: May 1, 2015  
Report to Hearings Officer: March 18, 2016  
Decision Mailed: April 4, 2016  
Last Date to Appeal: 4:30 pm, April 18, 2016  
Effective Date (if no appeal): April 19, 2016

**Conditions of Approval.** If approved, this project may be subject to a number of specific conditions, listed above. Compliance with the applicable conditions of approval must be documented in all related permit applications. Plans and drawings submitted during the permitting process must illustrate how applicable conditions of approval are met. Any project elements that are specifically required by conditions of approval must be shown on the plans, and labeled as such.

These conditions of approval run with the land, unless modified by future land use reviews. As used in the conditions, the term "applicant" includes the applicant for this land use review, any person undertaking development pursuant to this land use review, the proprietor of the use or development approved by this land use review, and the current owner and future owners of the property subject to this land use review.

**Appeal of the decision:** The decision of the Hearings Officer may be appealed to City Council, who will hold a public hearing. If you or anyone else appeals the decision of the Hearings Officer, City Council will hold an evidentiary hearing, one in which new evidence can be submitted to them. Upon submission of their application, the applicant for this land use review chose to waive the 120-day time frame in which the City must render a decision. This additional time allows for any appeal of this proposal to be held as an evidentiary hearing.

**Who can appeal:** You may appeal the decision only if you write a letter which is received before the close of the record on hearing or if you testify at the hearing, or if you are the property owner

# Property Use Consent

Solid waste application supplemental form



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

## SUBMIT THIS FORM TO:

Metro  
Solid Waste Compliance and Cleanup  
600 NE Grand Avenue  
Portland, OR 97232-2736  
Tel: (503) 797-1835  
Fax: (503) 813-7544  
[SWCC@oregonmetro.gov](mailto:SWCC@oregonmetro.gov)

### Metro use only

**DATE RECEIVED:**

**DATE DEEMED COMPLETE BY METRO:**

## Property Use Consent

### 1. Property Owner.

Name:	Marx Investments LLC
Mailing Address:	PO Box 83492
City/State/Zip:	Portland, OR 97283
Phone Number:	503-793-7661

### 2. Site Description.

Tax Lot(s): 1600	Section: 35	Township: 2N	Range: 1W
Address: 11615 N Lombard St, Portland, Oregon 97203			

### 3. Describe the applicant's proposed use of this property.

As described in Decision of the Hearings Officer in Uncontested Case, Type III Conditional Use Review and Adjustment, LU 14-235840 CU AD. Generally, solid waste management, transfer station.

### 4. Describe the property interest held by the prospective Licensee or Franchisee (Applicant).

Leasehold interest

# Property Use Consent

Solid waste application supplemental form



**Metro**

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

## 5. Describe the duration of the interest.

Seven year initial term beginning January 25, 2023 with a six year tenant renewal option for a total of thirteen years ending January 25, 2036.

### APPLICANT CERTIFICATION:

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

*I certify that the information contained in this form 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 \_\_\_\_\_

TITLE \_\_\_\_\_

PRINT NAME \_\_\_\_\_

DATE \_\_\_\_\_ PHONE \_\_\_\_\_

**PROPERTY OWNER(S):** This form cannot be processed without a signature.

*"I consent to the applicant's proposed use of this property as described on this form. I have also read and agree to be bound by the provisions of Section 5.01 of the Metro Code if the applicant is granted a franchise or license and that franchise or license is subsequently revoked or if renewal of that franchise or license is refused." Metro Code Section 5.01 states: "Upon revocation or refusal to renew the Franchise or License, all rights of the Franchisee or Licensee in the Franchise or License shall immediately be divested."*

*I certify that the information contained in this form 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 Arthur Marx for Marx Investments, LLC

PRINT NAME Arthur Marx

DATE 10/17/24 PHONE 503-793-7661

SIGNATURE \_\_\_\_\_

PRINT NAME \_\_\_\_\_

DATE \_\_\_\_\_ PHONE \_\_\_\_\_



## SOLID WASTE DISPOSAL SITE PERMIT: Transfer Station

Oregon Department of Environmental Quality  
700 NE Multnomah St., Suite 600  
Portland, OR 97232-4100  
503-229-5353

Email: [DEQNWR.SolidWastePermitCoordinator@deq.state.or.us](mailto:DEQNWR.SolidWastePermitCoordinator@deq.state.or.us)

Issued in accordance with the provisions of [Oregon Revised Statutes Chapter 459](#) and [459A and 466](#), [Oregon Administrative Rules 340 Divisions 93, 95, 96, 97, 100 and 111](#) and [113](#) and subject to the Land Use Compatibility Statement referenced below.

---

**Issued to:**

Arthur Marx  
International Resource Management, Inc. (IRM)  
P.O. Box 31100  
Portland, OR 97231

**Facility name and location:**

WasteXpress  
11618 N. Lombard St.  
Portland, OR 97203  
Multnomah County

**Owner:**

Marx Investments, LLC  
P.O. Box 83492  
Portland, OR 97283

**Operator:**

WasteXpress  
11618 N. Lombard St.  
Portland, OR 97203  
Multnomah County

**ISSUED IN RESPONSE TO:**

- A solid waste permit application received July 28, 2016.
- A Land Use Compatibility Statement from the City of Portland dated April 25, 2016.

The determination to issue this permit is based on findings and technical information included in the permit record.

**ISSUED BY THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY**

A handwritten signature in blue ink that reads 'Audrey M. O'Brien'.

Audrey O'Brien, Manager  
Environmental Partnerships  
DEQ Northwest Region

A handwritten signature in blue ink that reads 'February 20, 2018'.

Date

---

**Permitted Activities**

Until this permit expires or is modified or revoked, the permittee is authorized to operate and maintain a Solid Waste Transfer Station (TS) and accept waste in conformance with the requirements, limitations, and conditions set forth in this document including all attachments.

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## ALLOWABLE ACTIVITIES

### 1 Waste receipt and disposal authorizations

#### 1.1 Waste authorized for acceptance

This permit authorizes the permittee to accept the following wastes from generators and waste haulers for transfer, except waste specifically prohibited in Section 2.0 (Prohibitions).

- latex paint
- water based products
- used oil for transfer to an offsite recycling center
- emulsified oil and water
- oily solids
- oil filters
- used coolant for transfer to an offsite recycling center
- investigation derived wastes
- sharps handled in accordance with [OAR 340-093-0190\(1\)\(d\)\(B\)](#)
- other non-putrescible wastes that don't require a Special Waste Management Plan and are included in a DEQ approved Operations Plan

This permit authorizes the permittee to accept conditionally exempt generator's (CEG) hazardous wastes subject to the requirements of 40 CFR 257.5 through 257.30 and 40 CFR 261.5(e)(3)(vi) (version in effect June 30, 2015).

Note: A DEQ approved SWMP is required for acceptance of certain wastes that require special management due to the threat posed to human health or the environment. (see Special Waste Management Plans [SWMP] in Section 3).

Reference: The permittee must manage CEG wastes in accordance with 40 CFR 257.5. Requirements for hazardous waste generated by conditionally exempt small quantity generators are provided in 40 CFR 261.5 (version in effect June 30, 2015)

Solid waste is defined in [ORS 459.005](#)

#### 1.2 Authorization to accept other waste

The DEQ may authorize the permittee to accept wastes other than those set forth in Section 1.1 if:

- The permittee submits a written request to DEQ that includes an updated Operations Plan and a SWMP (if needed) specific to the additional waste and DEQ approves the updated operations plan and SWMP. The permittee must also demonstrate that the materials are not hazardous waste, as defined by state and federal regulations, or not otherwise a threat to human health or waters of the state.
- Should permittee submit a request to accept waste other than that set forth in Section 1.1, DEQ may require a permit modification and public notice.
- Prior to accepting household hazardous waste (HHW), as defined in ORS 459.005(12), the permittee must submit to DEQ a written request that includes an updated SWMP that meets DEQ's guidance on HHW facility design and operation which can be found at:  
<http://www.deq.state.or.us/lq/pubs/docs/sw/hhw/2004HHWCollectionFacilityGuidance.pdf>.

#### 1.3 Acknowledgement of other wastes accepted

In addition to those wastes set forth in Section 1.1, the permittee also accepts the following wastes:

- Hazardous wastes for 10-day storage and transfer as regulated in 40 CFR 263 (HW10DSF) in accordance with RCRA regulations and the facility's hazardous waste transporter license (RCRA ID# ORQ000023150).
- PCB articles and other TSCA waste in accordance with TSCA regulations and the facility's PCB transporter license (TSCA ID # ORQ000023150). (40 CFR Part 761).

- Used oil for transfer in accordance with state and federal regulations (OAR 340-111 and 40 CFR 279) and the facility's used oil transfer facility registration.
- Universal wastes as a small quantity handler of universal waste in accordance with OAR 340-113 and 40 CFR 273.
- Waste pesticides in accordance OAR 340-113.
- Out-of-date pharmaceuticals must be managed in accordance with applicable hazardous waste requirements and as authorized by the DEA.
- Infectious wastes in accordance with OAR 333-056. This material also requires a SWMP to ensure operations comply with ORS 459.386 to 459.405.

#### **1.4 Authorization of activities**

The permittee must conduct all facility activities in accordance with the provisions of this permit. Once approved by the DEQ, any permit-required plans become part of the permit by reference. The DEQ may provide notice and opportunity for review of permit-required plans. Reference: OAR 340-093-0110 and OAR 340-093-0113

#### **1.5 Duration of authorization**

The authorization for the permittee to accept wastes listed in Section 1.1 will terminate at the time of site closure. After that time, permittee cannot accept wastes without written authorization by the DEQ.  
Reference: OAR 340-093-0115

## **2 Prohibitions**

#### **2.1 Prohibited waste**

Unless otherwise approved in writing by DEQ, the permittee must not accept the following wastes.  
Reference: OAR 340-093-0040

- Explosives
- Radioactive materials

#### **2.2 Open burning**

The permittee must not conduct any open burning anywhere on at its facility. Reference: OAR 340-264-0030.

#### **2.3 Batteries for disposal**

The permittee can collect lead-acid batteries for recycling but cannot mix lead-acid batteries in solid waste or transfer lead-acid batteries to a landfill. Reference: OAR 340-093-0040.

#### **2.4 Asbestos containing materials**

The permittee must not accept friable or non-friable asbestos or asbestos-containing material at the facility.  
(Reference: OAR 340-0248)

Exception: If the permittee discovers that it has accepted asbestos-containing waste material inadvertently, that waste must be managed for disposal according to procedures regarding the receipt, handling, storage, spill cleanup and disposal of the asbestos-containing waste materials set forth in the approved SWMP.

Reference: OAR 340-093-0190

#### **2.5 Used oil for disposal**

The permittee must not accept any used oil for disposal or for transfer to a landfill for disposal. The permittee must not mix used oil with solid waste for disposal or transfer to a landfill for disposal.

Reference: OAR 340-093-0040(3)(a)

## **OPERATIONS AND DESIGN**

### **3 Operations Plan**

#### **3.1 Plan compliance**

Within 60 days of the permit issue date, the permittee must submit an updated facility Operations Plan to DEQ for review and approval. The updated plan must be consistent with the conditions of this permit. Once approved, the plan is incorporated into this permit and the conditions of the plan become permit conditions. Until that time, the facility must operate in accordance with the December 2016 Operations Plan. Reference: OAR 340-093-0070 and OAR 340-096-0040

At least 90 days before beginning operations in a building(s) not in existence at the time of issuance of this permit, the permittee must submit to DEQ a revised Operations Plan. The permittee cannot start operations in a new building prior to receiving DEQ approval.

#### **3.2 Plan Content**

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

The operations plan must, at a minimum, include how the permittee will conduct:

- Waste unloading and handling
- Management of transfer containers
- Washing equipment
- Maintaining leachate collection systems
- Maintaining surface water control structures
- Screening procedures for detection of unauthorized wastes
- Handling and removal of unauthorized wastes discovered at the facility
- Procedures for dealing with cleanup of an oil or hazardous materials spill. The plan must also include the procedure for reporting the spill to the Oregon Emergency Response System (OERS) at 1-800-452-0311
- Establishing and maintaining the operating record that shows the facility is being operated in compliance with the permit and the Operations Plan
- Providing fire protection equipment
- Notifying DEQ about emergencies and fires.
- Screening procedures describing how the facility will screen hazardous waste generators to ensure their CEG status.
- Methods to report all failures in the CEG system immediately and maintain a file containing all documentation for at least three years
- Worker safety protections
- Emergency Response Plan which addresses procedures for spill prevention, emergency response, emergency contacts list, layout of the facility, evacuation routes, properties of wastes handled and types of equipment on-site
- Personnel Training Plan including 24- or 40- hour HAZWOPER
- Facility Closure Plan
- Management of other wastes (See Section 3.3)

#### **3.3 Acknowledgement of other wastes accepted**

If otherwise authorized to accept the wastes listed under Section 1.3, the Operations Plan must address how the permittee will track and store these wastes to ensure they are not commingled with wastes listed under Section 1.1.

#### **3.4 Special Waste Management Plan**

The permittee must submit to DEQ, a SWMP which must address certain waste materials that, because of their nature, pose potential hazards to human health or the environment and require careful handling at transfer facilities. Once approved by DEQ, the SWMP 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.

Special wastes requiring a SWMP include but are not limited to:

- Asbestos containing materials
- Electronic waste
- Infectious waste
- Source separated household hazardous waste
- Septage
- Sewage sludges and grits
- Waste pesticides and pesticide residues
- Household hazardous wastes

Reference: OAR 340-093-0190(1)

### **3.5 Plan maintenance**

Prior to commencing any change in operations that might negatively affect the environment or human health, 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. Reference: OAR 340-93-0070 and OAR 340-096-0040.

All submittals to the DEQ under this section must be sent to:

Oregon Department of Environmental Quality  
700 NE Multnomah St., Suite 600  
Portland, OR 97232-4100  
503-229-5353

[DEQNWR.SolidWastePermitCoordinator@deq.state.or.us](mailto:DEQNWR.SolidWastePermitCoordinator@deq.state.or.us)

## **4 Site Design and Construction**

### **4.1 Facility design and construction plan**

Prior to constructing any modifications to the facility, the permittee must submit to DEQ a modified Facility Design and Construction Plan, stamped by a registered professional engineer. The permittee must receive written approval of the modified Facility Design and Construction Plan from DEQ prior to commencing construction. The permittee must design and construct any changes to the facility in accordance with plans approved by DEQ. Reference: ORS 459.235; OAR 340-093-0140 (1); and OAR 340-096-0040(2).

### **4.2 Construction requirements**

The permittee must perform all construction in accordance with the approved plans and specifications, including all conditions of approval by DEQ. Any amendments to those plans and specifications must be approved in writing by DEQ. Reference: OAR 340-093-0140.

### **4.3 Construction documents**

When required by DEQ, 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 by the constructor complies with project specifications and contract requirements. Reference: OAR 340-093-0150

#### 4.4 Construction report submittal

Within 90 days of completing construction, the permittee must submit to DEQ a Construction Certification Report, prepared by a qualified independent party, to document and certify that all required components and structures have been constructed in compliance with the permit requirements and DEQ-approved design specifications. This submittal must include "as constructed" facility plans which note any changes from the original approved plans. Reference: OAR 340-093-0150 (1)

#### 4.5 Approval to use

The permittee must not accept any wastes for storage or processing in any newly constructed facilities or areas until DEQ has approved a Construction Certification Report. If DEQ does not respond in writing to a 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 (3)

#### 4.6 Submittal address

All submittals to DEQ under this section must be sent to:

Oregon Department of Environmental Quality  
700 NE Multnomah St., Suite 600  
Portland, OR 97232-4100  
503-229-5353  
[DEQNWR.SolidWastePermitCoordinator@deq.state.or.us](mailto:DEQNWR.SolidWastePermitCoordinator@deq.state.or.us)

### 5 Recordkeeping, reporting and fee payment

#### 5.1 Disposal and recycling data collection

The permittee must collect the following information on a monthly basis:

- Number of compactor, drop box, and private vehicles that used the facility
- Volume (i.e., pounds, tons, cubic yards) of solid waste and CEG transferred and where
- Tons of incoming materials accepted
- Types and amounts of salvage or recyclables removed monthly
- Tons of residual waste sent for disposal and where

The permittee must collect information about the amount of each material recovered for recycling or other beneficial purpose each quarter for each year.

#### 5.2 Data reporting

- Solid Waste: Information collected on solid waste accepted for transfer to a disposal site must be recorded annually on the DEQ form titled: *Solid Waste Transfer Report*. This form is due by Jan. 31 following each reporting year.
- Recycling – Recycling information collected must be submitted to the local wasteshed representative (county recycling contact) by Jan. 31 following each reporting year.

#### 5.3 Non-compliance reporting

In the event that the permittee violates any condition of this permit or of DEQ's rules, the permittee must immediately take action to correct the violation and notify DEQ **within 24 hours** at 503-229-5353 or via email at [DEQNWRSolidWastePermitCoordinator@deq.state.or.us](mailto:DEQNWRSolidWastePermitCoordinator@deq.state.or.us).

Response: In response to a notification, DEQ may conduct an investigation to evaluate the nature and extent of the problem, and may require additional corrective actions, as necessary.

#### 5.4 Fee payment

The permittee must pay the solid waste 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. Fees are based on the tons of solid waste received and transferred for disposal.

## **5.5 Records**

The permittee must keep copies of all records and reports for five years from the date created, unless another timeframe is set forth in this permit.

The permittee must keep documentation available which demonstrate that permittee has:

- Submitted its most recent Operations and Emergency Response Plans, updated emergency contacts list and if appropriate establish response agreements with all appropriate agencies, including as applicable, all local police, fire departments, state and local emergency response teams and the appropriate DEQ regional office.
- Taken steps to make sure that the above agencies, as applicable, are familiar with the layout of the facility, the wastes handled, and evacuation routes.

## **5.6 Access to records**

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

Reference: OAR 340-096-0040 and OAR 340-093-0050(6)(e)

# **6 Financial Assurance**

## **6.1 Financial assurance plan**

The permittee must implement the DEQ approved financial assurance plan and provide financial assurance for the cost of site closure. A copy of the plan must be kept at the facility. The plan be updated if any changes in the operation or closure would result in increased closure costs.

Reference: The plan must be prepared in accordance with OAR 340-095-0090. Acceptable mechanisms are specified in OAR 340-095-0095. DEQ may tailor financial assurance requirements to the nature of the facility per OAR 340-096-0001.

## **6.2 Verification of financial assurance**

To confirm that the financial assurance is valid and adequate, the permittee must submit the following to DEQ on an annual basis:

- A copy of the current financial assurance mechanism
- A written certification that the financial assurance meets all state requirements

Reference: OAR 340-095-0090(6)(d).

## **6.3 Use of financial assurance**

The permittee cannot use the financial assurance for any purpose other than to finance approved closure, post-closure, and corrective action activities or to guarantee that those activities will be completed.

## **6.4 Continuous nature**

The permittee must maintain financial assurance for the facility until the permittee is no longer required to demonstrate financial responsibility for closure, or corrective action (if required).

## **6.5 Submittal address**

All submittals to DEQ under this section must be sent to:

Oregon Department of Environmental Quality  
700 NE Multnomah St., Suite 600  
Portland, OR 97232-4100  
503-229-5353

[DEQNWR.SolidWastePermitCoordinator@deq.state.or.us](mailto:DEQNWR.SolidWastePermitCoordinator@deq.state.or.us)

## GENERAL CONDITIONS

### 7 Administration

#### 7.1 Definitions

Unless otherwise specified, all terms are as defined in OAR 340-093-0030.

Universal waste (UW) is defined in 40 CFR 273.1 and OAR 340-113-010. Wastes pesticides are defined in OAR 340-113-0010. Hazardous waste (HW) is defined in ORS 466.005(7). CEG is defined in ORS 459.412 and ORS 465.003(1). Used oil is defined in OAR 340-111-0020. PCB and TSCA wastes are defined in 40 CFR 761. Asbestos and Asbestos-containing material are defined in OAR 340-248-0010.

#### 7.2 Permit term and renewal

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 waste at the facility will terminate when this permit expires and/or at the time of site closure; after that time the permittee cannot accept waste at the facility. An application for permit renewal is required if a permittee intends to continue operation beyond the expiration date of this permit. A complete renewal application must be filed at least 180 days before the existing permit expires. Reference: ORS 459.245 and OAR 340-093-0070

#### 7.3 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.

#### 7.4 DEQ liability

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

#### 7.5 Documents superseded

This document is the primary solid waste permit for the facility, superseding all other solid waste permits and orders issued for this facility by DEQ. Reference: OAR 340-093-0115

#### 7.6 Permittee responsibility and liability

Conditions of this permit are binding upon the permittee. The permittee must conduct all facility activities in compliance with the provisions of this permit. The permittee is liable for all acts and omissions of the permittee's contractors and agents in carrying out the operations and other responsibilities pursuant to this permit. Reference: OAR 340-093-0050(6)

#### 7.7 Access to disposal site

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 and carrying out other necessary functions related to this permit. Reference: ORS 459.385 and OAR 340-093-0050(6)(e)

#### 7.8 Other compliance

Issuance of this permit does not relieve the permittee from the responsibility to comply with any other applicable federal, state or local law or regulations including the following solid waste requirements, and any future updates or additions to these requirements:

- Solid waste permit application received June 09, 2017;
- Oregon Revised Statutes, Chapters 459, 459A, 465 and 466;
- Oregon Administrative Rules Chapter 340; and Any documents submitted by the permittee and approved by the DEQ

## **7.9 Penalties**

Violation of any condition of this permit or any incorporated plan may subject the permittee to civil penalties up to \$25,000 for each day of each violation. Reference: OAR 340-093-0050(7), OAR 340-012-0160(4) and ORS 459.995

## **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. Once approved by DEQ, any permit-required plans become part of the permit by reference. DEQ may provide public notice and opportunity for review of permit-required plans.

Reference: OAR 340-093-0113 and OAR 340-093-0070

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(6)

### **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 [Oregon Revised Statutes 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 waste accepted or in the operation of the facility
- Noncompliant 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 or there is a deviation from activities described in this permit. The permittee must not implement any change in operations that requires a permit modification prior to receiving approval from DEQ.

Reference: OAR 340-093-0070 (6)

### **8.4 Public participation**

DEQ will issue a public notice to inform the public of any significant changes in the permit as required by DEQ rules. Reference: OAR 340-093-0100

### **8.5 Changes in ownership or address**

The permittee must report to DEQ in writing any changes in either ownership of the facility, the facility property or the name and address of the permittee within 10 days of the change. Reference: OAR 340-093-0070

## **9 Site Operations**

### **9.1 Waste collection**

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 to achieve compliance with the conditions of this permit. Reference: OAR 340-093-0050, OAR 340-093-0210 and OAR 340-096-0040

### **9.2 Waste removal**

The permittee must remove all waste from the facility at least as often as necessary to prevent malodors, unsightliness and attraction of insects or other vectors. Reference: OAR 340-093-0210

The permittee may not exceed the storage time limits provided in the table below, unless there are stricter time limits established in any state or federal regulations. The permittee may propose longer storage time limits in the Operations Plan.

Waste type	Storage time limit
Non-hazardous solid wastes	1-year
CEG hazardous wastes	6 months
Used oil	35-days

### 9.3 Discovery of prohibited waste

In the event that the permittee discovers prohibited waste at the facility, the permittee must, within 24 hours, notify DEQ and initiate procedures to isolate and remove the prohibited waste.

Reference: OAR 340-093-0050 and OAR 340-093-0190

- Non-putrescible, non-hazardous, prohibited waste must be transported to a disposal or recycling facility authorized to accept such waste **within 90 days**, unless otherwise approved by DEQ.
- Putrescible, non-hazardous, prohibited waste must be removed **within 48 hours**, unless otherwise approved in writing by DEQ.
- In the event the permittee discovers unauthorized waste that is hazardous waste or suspected to be hazardous waste, the permittee must, **within 48 hours**, notify DEQ and this waste must be removed **within 10 days**, unless otherwise approved by DEQ. The temporary storage and transportation of hazardous waste must be carried out in accordance with federal and state law.
- In the event that the permittee discovers asbestos containing waste materials or suspected asbestos containing waste materials inadvertently received, the permittee must immediately notify DEQ and follow the approved special waste management plan, including taking steps to wet down, isolate and sample the material. The permittee must work with DEQ to have asbestos containing material properly abated.

### 9.4 Maximum waste quantities

The permittee must not exceed the maximum quantities of authorized wastes by waste category in the facility's most recent DEQ-approved Financial Assurance Plan.

### 9.5 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

### 9.6 Equipment

The permittee must have available equipment of adequate size and design to properly operate the facility at all times. In the event of an equipment breakdown, the permittee must inform DEQ and provide alternative equipment, unless otherwise approved by DEQ in writing.

Reference: OAR 340-093-0050 and OAR 340-093-0210

### 9.7 Equipment or facility breakdown

In the event the permittee is unable to comply with any conditions of this permit because of a breakdown of equipment or facilities, an accident caused by human error or negligence, or any other cause such as an act of nature, the permittee must:

- Immediately take action to stop, contain, and correct the problem.
- Immediately notify The DEQ Northwest Region Office so that DEQ can conduct an investigation to evaluate the impact, corrective actions taken, and determine any additional action that must be taken.
- Within five days of the breakdown, submit to DEQ a detailed written report describing the breakdown, corrective action taken, steps taken to prevent recurrence, and any other pertinent information.

Reference: OAR340-093-0050.

## **9.8 Roads**

The permittee must construct and maintain roads within the facility in such a manner as to deter traffic hazards, dust and mud, and to provide reasonable all-weather access for vehicles using the site and for emergency responders, to the maximum extent practical. The permittee must use appropriate means, including truck washing as needed, to prevent haul trucks from tracking mud onto external roadways outside the disposal site property boundary. Any truck washing activities must be conducted on an impermeable surface and any disposal of wash water must be done in a manner approved by the DEQ.

Reference: OAR 340-096-0040

## **9.9 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 wastes while in transit. The permittee must notify all incoming haulers that trucks containing loads must be covered or suitably cross-tied to prevent any load loss during shipment, in conformance with Reference: OAR 340-093-0210 and OAR 340-093-0220.

## **9.10 Litter control**

The permittee must control litter such that the facility and adjacent lands are maintained free of litter at all times. The permittee must retrieve and properly dispose of any debris within the same operational day.

Reference: OAR 340-096-0040

## **9.11 Air Quality**

The permittee must control dust, malodors, and noise in accordance with the DEQ's rules on air pollution and noise control.

According to OAR 340-208-0450, no person may cause or permit the emission of particulate matter larger than 250 microns in size at sufficient duration or quantity as to create an observable deposition upon the real property of another person when notified by the DEQ that the deposition exists and must be controlled.

Reference: OAR 340-096-0040

## **9.12 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. The permittee must be reported to DEQ any significant damage and make necessary repairs as soon as possible. Reference: OAR 340-096-0040 and OAR 340-093-0050

## **9.13 Leachate prevention and management**

The permittee must operate the facility in a manner that minimizes leachate production to the maximum extent practicable. The permittee must collect, remove and manage leachate in a manner approved by DEQ.

Reference: OAR 340-093-0210 and OAR 340-096-0040

## **9.14 Storm water management**

The permittee must manage and monitor storm water in accordance with all federal and state requirements.

## **9.15 Spill Response**

The permittee must immediately clean up any spill of oil or hazardous material as described in the Operations Plan. The permittee must notify DEQ in the event of any release. In addition, if the spill is of a reportable quantity, the permittee must immediately report the spill to the Oregon Emergency Response System (OERS) at 1-800-452-0311.

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 [Code of Federal Regulations, 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](#).

#### **9.16 Unloading area**

The permittee must clearly identify the area(s) for unloading of solid waste using signs, fences, barriers or other devices. Reference: OAR 340-093-0050 and OAR 340-096-0040

#### **9.17 Public Access**

The permittee must control public access to the facility as necessary to prevent unauthorized entry and dumping. Reference: OAR 340-093-0050 and OAR 340-096-0040

#### **9.18 Legal control of property**

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

Reference: OAR 340-093-0050

#### **9.19 Fire protection**

The permittee must make arrangements with the local fire control agency to immediately acquire their services when needed and must provide adequate on-site fire protection as determined by the local fire control agency.

- The permittee must immediately and thoroughly extinguish any fire. The permittee must initiate and continue appropriate fire-fighting methods until all smoldering, smoking and burning ceases.
- The permittee must report fires to the DEQ within twenty-four (24) hours at 503-229-5353.
- The permittee must provide water in sufficient quantities for fire protection, dust suppression, and other site operations requiring water. Reference: OAR 340-096-0040 and OAR 340-093-0050

#### **9.20 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, solid waste permit number and operator's address. Reference: OAR 340-093-0050 and OAR 340-096-0040

#### **9.21 Vector Control**

The permittee must provide rodent, insect, bird and other vector control measures as necessary to prevent vector harborage. Reference: OAR 340-093-0210 and OAR 340-096-0040.

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 about a single event, or if an odor event lasts longer than 24 hours without resolution or mitigation

Reference: OAR 340-093-0050

#### **9.22 Permit display**

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

Reference: OAR 340-093-0050