



Vancouver Energy Construction Spill Prevention, Control, and Countermeasures Plan

Plan No. C.10 | Revision 00

Approved by:

Name, Title: Kelly Flint, Senior Vice President and Corporate Counsel, Savage Companies
Designated Agent for EFSEC Application No. 2013-01

Date: 30 April 2015

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Vancouver Energy
Construction Spill Prevention, Control,
and Countermeasures Plan

EFSEC Application for Site Certification No. 2013-01
Docket No. EF131590
30 April 2015



Prepared for

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Vancouver Energy Construction Spill Prevention, Control, and Countermeasures Plan

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Vancouver Energy Construction Stormwater Pollution Prevention Plan			
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1. Introduction

Vancouver Energy (Facility) provides transloading services for pipeline quality crude oil from railcars to marine vessels. The Facility is located at 5501 NW Old Lower River Road, Vancouver, Washington; it is situated at the Port of Vancouver USA (Port) on the north bank of the Columbia River at approximately River Mile 103.5. The Facility site is approximately 47.4 acres in size and comprises elements within the following “area” groupings, as illustrated in Figure 1 and Figure 2.

- Area 200 – Rail Unloading – located at Terminal 5 of the Port
- Area 300 – Storage – located at Parcel 1A of the Port
- Area 400 – Marine Terminal – located at berths 13 and 14 at the Port
- Area 500 – Transfer Pipelines – located in locations between areas 200, 300, and 400
- Rail Infrastructure – located at Terminal 5 of the Port

The Facility receives an average of four unit trains per day and unloads an average of 360,000 barrels (bbl) of crude oil per day. Six nominal capacity 400,000 bbl tanks are used to store crude oil on site. A transfer pipeline system is used to convey crude oil from Area 200 to Area 300 for storage, and from Area 300 to Area 400 for vessel loading. The transfer pipeline system can also be operated to move crude oil from Area 200 directly to Area 400. The Facility will operate 24 hours per day, 7 days per week.

1.1 Purpose of Plan

This construction spill prevention control and countermeasures plan (cSPCCP) is a site-specific document that describes prevention and response actions for oil, hazardous substance, and hazardous waste releases resulting from construction activities. This plan forms the basis of all construction contractor spill control and pollution prevention activities at the Facility. All contractors and their employees are advised of those mandatory requirements as specified in this plan. Compliance is mandatory.

1.2 Regulatory Requirements

This Plan is prepared in accordance with WAC 463-60-205, Spillage Prevention and Control, which states:

“The application shall describe all spillage prevention and control measures to be employed regarding accidental and/or unauthorized discharges or emissions, relating such information to specific facilities, including but not limited to locations, amounts, storage duration, mode of handling, and transport. The application shall describe in general detail the content of a Construction Phase and an Operational Phase Spill Prevention, Control, and Countermeasure Plan (chapter 40 C.F.R. Part 112 and Hazardous Waste Management Plan) that will be required prior to commencement of construction.”

It is noted that 40 CFR 112 only applies to facilities that have an aggregate aboveground storage capacity of 1,320 gallons of oil or more (“oil” is broadly defined to include fuels, other petroleum oil products, and non-petroleum oils) in non-motive power containers. Construction activities at the Facility are not anticipated to have an aggregate aboveground storage capacity of 1,320 gallons or more. However, this plan addresses the relevant requirements of 40 CFR 112 in the context of storage of petroleum products and other hazardous substances in association with construction activities. This plan is prepared to be consistent with the requirements of BMP C153, Material Delivery, Storage, and Containment, as found in Volume II of the Stormwater Management Manual for Western Washington.

Provisions regarding handling and storage of construction wastes that classify as hazardous are also addressed in Section 24 of the Construction Safety and Health Manual.

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Figure 1 - Vicinity Map



LEGEND

-  Project Boundary
-  Vancouver_WA
-  Portland,_Oregon

Tesoro Savage Petroleum Terminal LLC

Date: February 2015
 Map Notes: Aerial photo dated July 2010, courtesy of ESRI World Imagery service



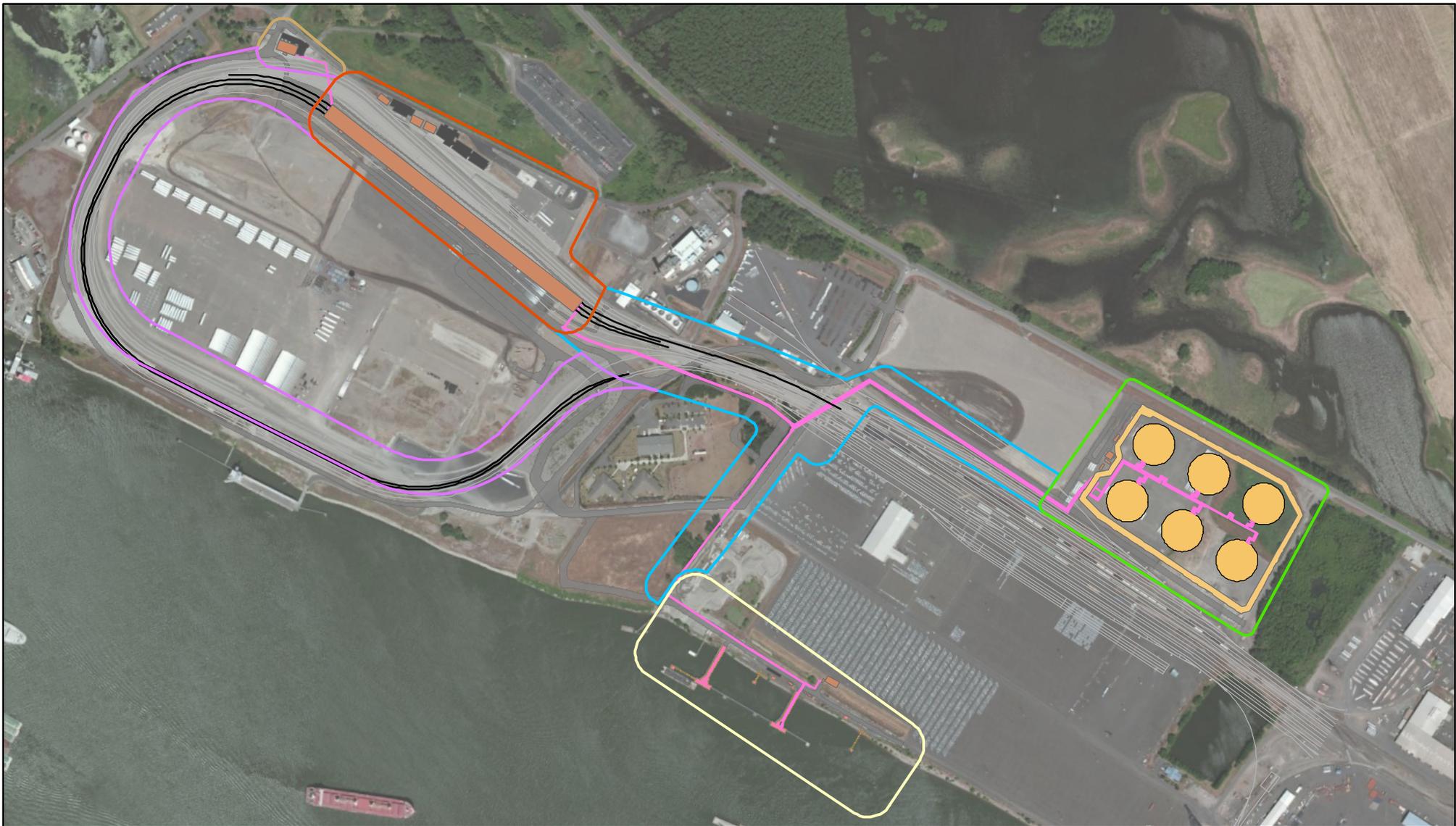


Figure 2 - Site Plan

Proposed Project Facilities

- Containment Berm
- Storage Tank
- Roads
- Marine Terminal
- Parking
- Building
- Rail
- Transfer Pipeline

TSPT Improvement Areas

- 200 - Unloading and Office
- 300 - Storage
- 400 - Marine Terminal

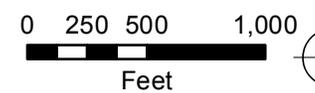
- 500 - Transfer Pipelines
- 600 - West Boiler
- Rail Infrastructure



Tesoro Savage Petroleum Terminal LLC

Date: February 2015

Map Notes: Aerial photo dated July 2010, courtesy of ESRI World Imagery service





1.3 Related Plans and Documents

Other plans prepared for Facility construction that address components related to spill prevention and response include the following.

- Construction Stormwater Pollution Prevention Plan (cSWPPP) – This plan describes the construction activities and all temporary and permanent erosion and sediment control measures, pollution prevention measures, inspection/monitoring activities, and recordkeeping that will be implemented during construction.
- Water Quality Protection and Monitoring Plan (WQPMP) – This plan includes visual monitoring of surface water quality conditions; these monitoring activities include provisions for construction-related in-water work activities that could adversely impact water quality.
- Contaminated Media Management Plan (CMMP) – This plan outlines general procedures for handling and disposal of contaminated soil and groundwater encountered during ground-disturbing construction activities.
- Construction Safety and Health Manual (CSHM) – This plan includes additional provisions for Hazardous Material/Waste Handling and Disposal.

2. Petroleum Products and Hazardous Substances Handled On Site

Petroleum products, such as hydraulic oils and fuels, will be used in construction equipment and vehicles. The following construction activities are those which are most likely to be involved in oil, fuel, or chemical spills.

- Mobile equipment refueling
- Bulk fuel/oil delivery to the construction project
- Construction equipment service/maintenance work
- Construction equipment accident involving fuel/oil leakage or other fluid (e.g., transformer or lubricating oils, antifreeze)
- Solvent and paint thinner storage and use
- Paint storage and use
- Antifreeze storage and use
- Coatings and sealants storage and use
- Battery storage and use
- Contaminated soil (addressed in the CMMP)
- Accumulation and storage of paint, used oil, spent solvent, used antifreeze, coatings and sealant wastes and spent batteries.

Mobile equipment fueling and bulk delivery to the construction site typically involves mobile fuel trucks with an approximate 4,500-gallon capacity. The fuel trucks come on site, fuel construction equipment fuel tanks as needed, and then depart the site. Service and maintenance of construction equipment typically generates/involves approximately 10 gallons of fuel or oil per servicing/maintenance event. The storage and use of other materials listed above typically involves quantities of 10 gallons or less.

3. Past Site Remediation

Terminal 5 is the former location of the Evergreen/ALCOA smelter, which operated until the early 2000s. Industrial and solid wastes from the construction and operation of the aluminum smelter were stored in waste piles and consolidated in landfills on site over the years. Hazardous contaminants in these wastes include petroleum hydrocarbons, polychlorinated biphenyls, cyanide, fluoride, trichloroethylene, low-level organic chemicals, and metals. Evergreen and ALCOA completed site remediation and facility

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decommissioning under Consent Decree No. 09-2-00247-2 and Enforcement Order 4931 with the Washington State Department of Ecology (Ecology). Efforts included removing structures and foundations to a depth of approximately 4 feet along with site soil and sediment with concentrations of chemicals of concern above the cleanup levels established by the consent decree.

Five cap locations subject to environmental restrictive covenants are located within the boundary of the Facility. The Terminal 5 area also includes a groundwater restrictive covenant. For detailed descriptions of the landfill areas, caps, and contaminants of concern, see the CMMP, which has been prepared under a separate cover. These areas are shown in Figure 3.

Construction of the Facility would make minor modifications to the Vanexco/Rod Mill Site Cap. The remaining construction activities located within the Facility lease boundaries have been designed to avoid impacts and work within the landfill areas. Work within the restrictive covenant areas is limited to work outside of the landfill limits or above the cap. Detailed descriptions of this work follow in Section 4.3 Construction of the rail improvements will require minor modifications to the North/North 2 Landfill, Spent Pot Liner Storage Area, and the Ingot Cap similar to those completed as part of the current West Vancouver Freight Access (WVFA) project.

4. Spill Prevention Best Management Practices

Contractors responsible for construction activities implement the following measures to prevent releases of petroleum products, hazardous materials, or hazardous wastes.

4.1 Storage Location

- Petroleum products, hazardous materials, and hazardous wastes are stored in designated areas within the approved Facility construction boundary. Because of the changing nature of activities at a construction site, such locations may not be permanent; contractors coordinate with the Vancouver Energy site superintendent and safety, health, environmental, and quality (SHE&Q) manager to select appropriate storage locations.
- Storage locations are situated away from surface waters and stormwater facilities.
- Storage areas are located away from vehicular traffic, and as near as possible to the construction entrance.

4.2 Spill Prevention

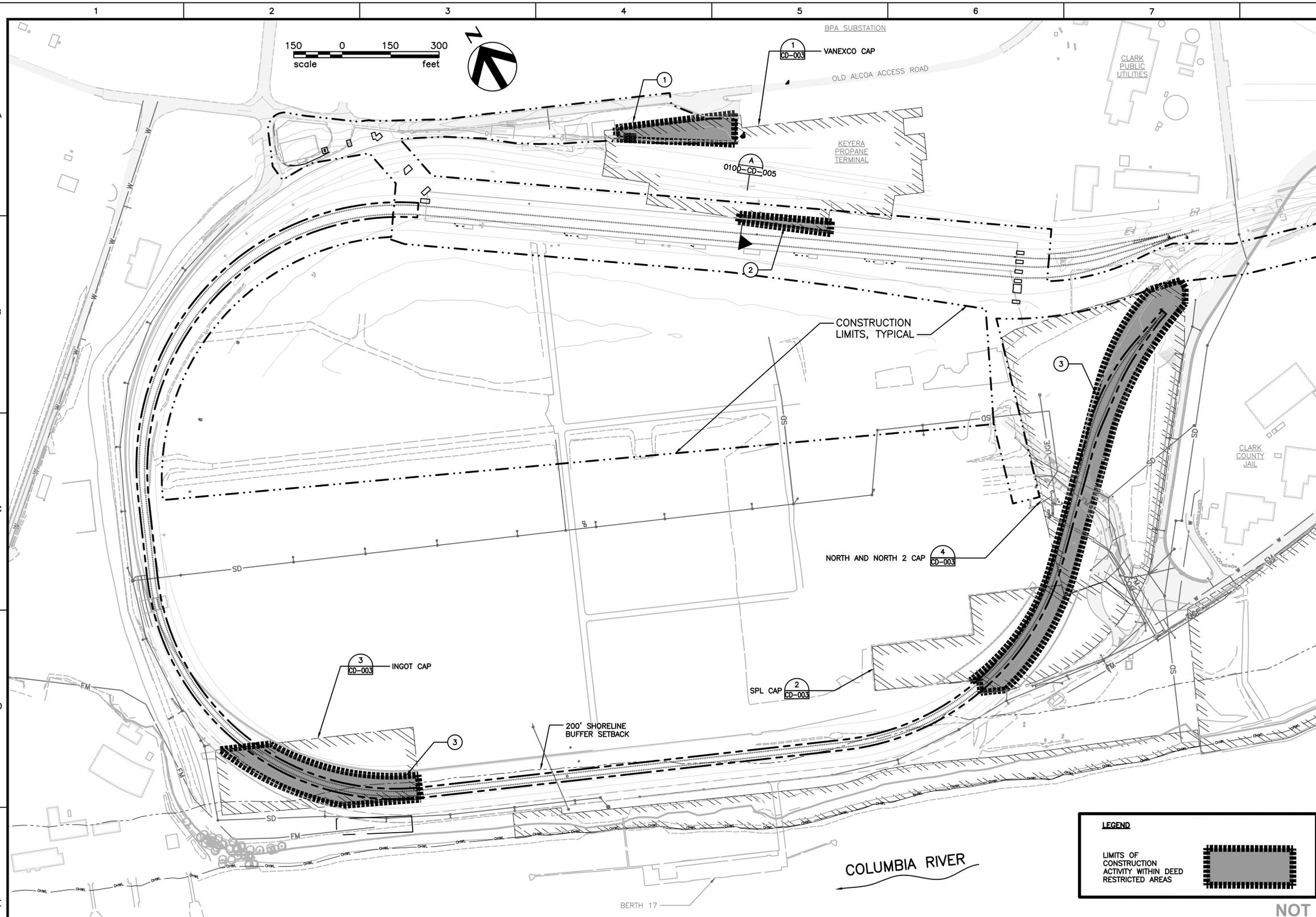
4.2.1 Storage Requirements

- Storage locations are equipped with a secondary means of containment (dikes, berms, cabinets, etc.) sized to hold the 110 percent of the capacity of the single largest container, or 10 percent of the total enclosed container volume, whichever is greater, with sufficient freeboard for precipitation.
- To the extent practicable storage containers of 55 gallons or less nominal volume are used.
- Oil, hazardous substances, and hazardous wastes are stored only in approved containers. Containers must be inspected to ensure proper integrity prior to the transfer of material and periodically when used.
- All containers are properly secured when not in use or during transportation, e.g., with covers or caps on, strapped down when necessary, etc.
- All containers of oil, hazardous substance and hazardous wastes are stored in clean, orderly, approved (e.g., National Fire Protection Association) lockers and/or secure facilities.
- Where applicable, large portable equipment (such as generators or pumps) are also placed in containment.
- Sufficient separation is provided between stored containers to allow for spill cleanup and emergency response.

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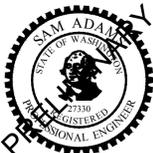


GENERAL NOTES:

1. CONTRACTOR'S ACTIVITY SHALL STRICTLY COMPLY WITH ALL PERMITTED CONDITIONS OF APPROVAL.
2. EXCAVATIONS AND GROUND DISTURBING ACTIVITIES WITHIN DEED RESTRICTED AREAS REQUIRES NOTIFICATION TO THE WASHINGTON STATE ENERGY FACILITY SITE EVALUATION COUNCIL (EFSEC) AND COMPLIANCE WITH THE APPROVED CONTAMINATED MEDIA MANAGEMENT PLAN, APPLICABLE PORT PROTOCOLS AND ADDITIONAL REQUIREMENTS PROVIDED BY EFSEC.
3. SPECIFIC LIMITS FOR THE EAST LANDFILL LIMITS ARE PROVIDED BASED UPON PRIOR SURVEY'S CONDUCTED BY HDJ DESIGN GROUP. WORK LIMIT SHALL ENCRUCH UPON THE BOUNDARY OF THE EAST LANDFILL.
4. WHERE KNOWN, ADDITIONAL AREAS OF CONCERN AND POSSIBLE CONTAMINATED MEDIA LOCATIONS HAVE BEEN GENERALLY DEPICTED. CONTRACTOR SHALL COORDINATE FULLY WITH PORT OF VANCOUVER ENVIRONMENTAL STAFF AND INSPECTORS FOR MONITORING AND TESTING OF EXCAVATED MEDIA FOR POSSIBLE CONTAMINATES. PORTIONS OF AREA 200 AND AREA 500 ARE SPECIFICALLY IDENTIFIED WHERE CONTAMINATION IS LIKELY TO BE ENCOUNTERED DURING EXCAVATIONS.
5. IF MEDIA INCLUDING SOILS, OR GROUNDWATER ARE ENCOUNTERED THAT INDICATE POSSIBLE CONTAMINATION, CONTRACTOR SHALL NOTIFY VANCOUVER ENERGY SITE MANAGER, PORT OF VANCOUVER AND EFSEC IMMEDIATELY PRIOR TO PROCEEDING. SIGNS OF CONTAMINATION INCLUDE UNUSUALLY DARK SOIL AND ODOORS.
6. IN AREAS OF CONCERN EXCAVATED MATERIAL SHALL BE PLACED IN SEALED WATER-TIGHT CONTAINERS OR LINED STAGING AREAS IMMEDIATELY ADJACENT TO THE WORK AREA FOR TESTING AND CLASSIFICATION OF MATERIAL PRIOR TO HAUL OFF.

CONTAMINATED MEDIA NOTES:

1. CONSTRUCTION ACTIVITIES WITHIN THIS PORTION OF THE VANEXO CAP WILL BE LIMITED TO GROUND DISTURBANCES ABOVE THE EXISTING CONCRETE CAP. SOME MINOR EXPOSURE OF THE CONCRETE SURFACE MAY OCCUR IN LOCALIZED AREAS. NO WORK WITHIN THIS AREA WILL REMOVE OR PENETRATE PORTIONS OF THE CAP.
2. CONSTRUCTION ACTIVITIES WITHIN THIS PORTION OF THE VANEXO CAP WILL RESULT IN MODIFICATION OF THE UNDERDRAIN SYSTEM AND HOPE LINER. DISCHARGES FROM THE UNDERDRAIN SYSTEM WILL BE RE-ROUTED TO AVOID CONFLICTS WITH THE PROPOSED RAIL UNLOADING BUILDING FOUNDATIONS AND CONTAINMENT TRENCHES. SEE DWG 0100-CD-006 FOR LINER PENETRATION DETAIL, AND SHEET 0100-CD-007 FOR NEW STORMWATER DETAILS. LINER WILL BE EXTENDED TO AND TIED INTO THE GRADE BEAMS OF THE RAIL UNLOADING BUILDING FOUNDATION SEE DWG 0100-CD-006 FOR DETAILS. FOUNDATIONS OF THE RAIL UNLOADING BUILDING WITHIN THE EXISTING CAP AREA WILL BE LIMITED TO SHALLOW SPREAD FOOTINGS TO LIMIT EXCAVATION ACTIVITIES. CONSTRUCTION OF RAIL UNLOADING BUILDING CONSISTS OF FULLY IMPERVIOUS ROOF WITH CAST-IN-PLACE CONCRETE SURFACING WITH FLOOR DRAINS. ALL RAINWATER WILL BE COLLECTED AND DIVERTED, THEREBY EXCLUDING SURFACE WATER FROM ENTERING CAP AREA.
3. CONSTRUCTION WITHIN THE INGOT CAP, SPL CAP, AND NORTH AND NORTH 2 CAP AREAS ARE LIMITED TO RAIL IMPROVEMENTS ONLY. RAIL LINES TO BE UNDER TSJV CONTROL ARE PERMITTED UNDER EFSEC APPLICATION. CONSTRUCTION DRAWINGS, DETAILS, AND CONSTRUCTION ADMINISTRATION FOR ADDITIONAL 2 RAIL LOOPS WILL BE COMPLETED BY THE PORT OF VANCOUVER AS DISCUSSED IN THE LEASE AGREEMENT.



**PERMIT SET
NOT FOR CONSTRUCTION**

NO.	DATE	REVISION	BY	CK'D	APP

BergerABAM
 700 NE Multnomah Street, Suite 900
 Portland, Oregon 97232-4189
 (503) 872-4100 FAX: (503) 872-4101

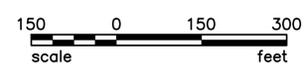
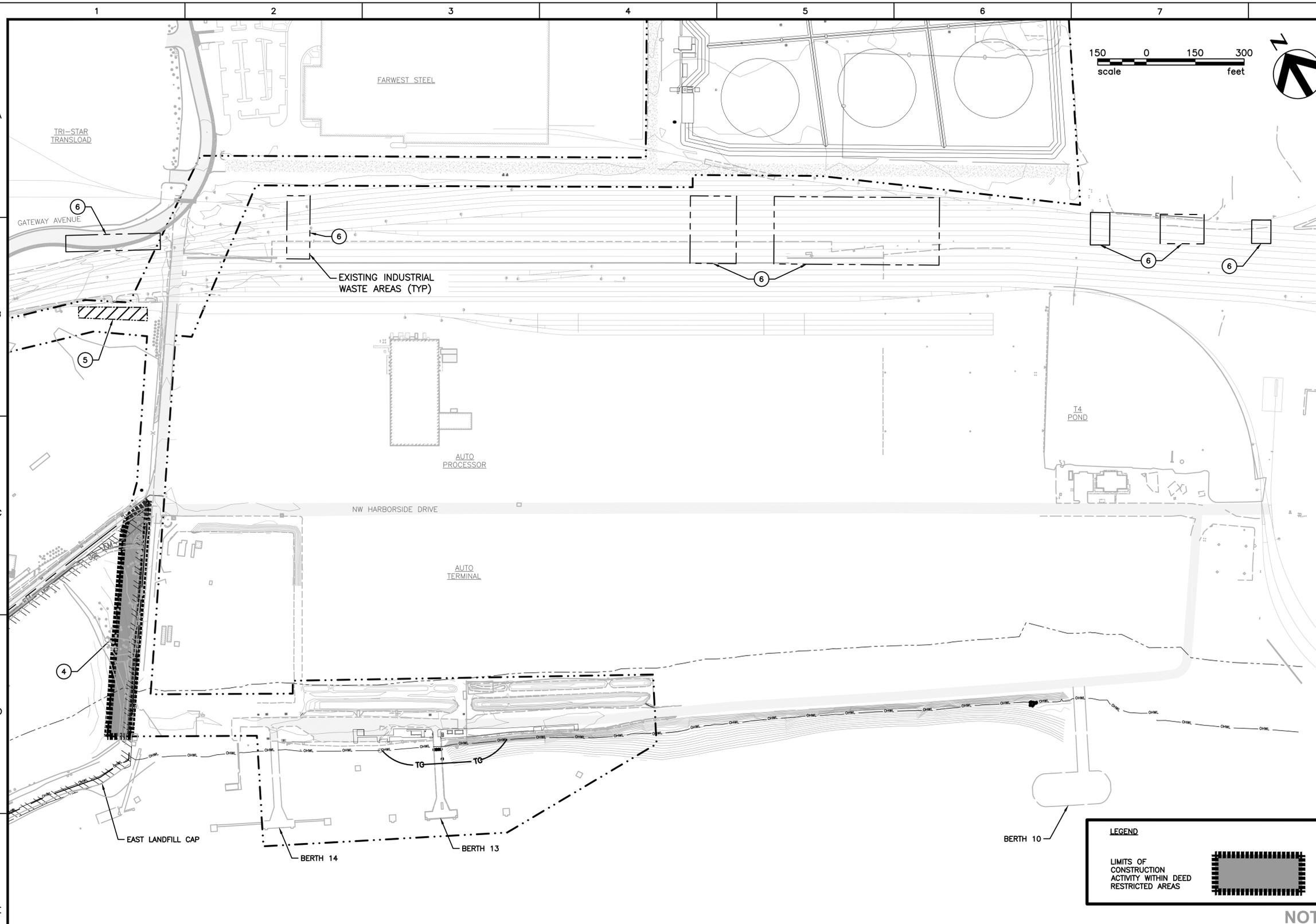
VANCOUVER ENERGY
 Tesoro Savage Petroleum Terminal LLC

PROJECT:	VANCOUVER ENERGY PORT OF VANCOUVER, WASHINGTON
DESCRIPTION:	CONTAMINATED MEDIA LOCATIONS - 1

DESIGN:	DRS	START DATE:	2/25/2015	SCALE:	AS SHOWN
DRAWN:	TNP	PRINT DATE:	2/25/2015	PROJECT MANAGER:	SAVAGE_PM
CHECKED:	MCH	APPROVED:	SA	SIZE:	24X36
DRAWING NUMBER				SHEET	REV.
0100-CD-002				1	1

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GENERAL NOTES:

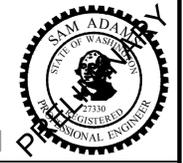
1. CONTRACTOR'S ACTIVITY SHALL STRICTLY COMPLY WITH ALL PERMITTED CONDITIONS OF APPROVAL.
2. EXCAVATIONS AND GROUND DISTURBING ACTIVITIES WITHIN DEED RESTRICTED AREAS REQUIRES NOTIFICATION TO THE WASHINGTON STATE ENERGY FACILITY SITE EVALUATION COUNCIL (EFSEC) AND COMPLIANCE WITH THE APPROVED CONTAMINATED MEDIA MANAGEMENT PLAN, APPLICABLE PORT PROTOCOLS AND ADDITIONAL REQUIREMENTS PROVIDED BY EFSEC.
3. SPECIFIC LIMITS FOR THE EAST LANDFILL LIMITS ARE PROVIDED BASED UPON PRIOR SURVEYS CONDUCTED BY HDJ DESIGN GROUP. WORK LIMIT SHALL ENCROACH UPON THE BOUNDARY OF THE EAST LANDFILL.
4. WHERE KNOWN, ADDITIONAL AREAS OF CONCERN AND POSSIBLE CONTAMINATED MEDIA LOCATIONS HAVE BEEN GENERALLY DEPICTED. CONTRACTOR SHALL COORDINATE FULLY WITH PORT OF VANCOUVER ENVIRONMENTAL STAFF AND INSPECTORS FOR MONITORING AND TESTING OF EXCAVATED MEDIA FOR POSSIBLE CONTAMINATES. PORTIONS OF AREA 200 AND AREA 500 ARE SPECIFICALLY IDENTIFIED WHERE CONTAMINATION IS LIKELY TO BE ENCOUNTERED DURING EXCAVATIONS.
5. IF MEDIA INCLUDING SOILS, OR GROUNDWATER ARE ENCOUNTERED THAT INDICATE POSSIBLE CONTAMINATION, CONTRACTOR SHALL NOTIFY VANCOUVER ENERGY SITE MANAGER, PORT OF VANCOUVER AND EFSEC IMMEDIATELY PRIOR TO PROCEEDING. SIGNS OF CONTAMINATION INCLUDE UNUSUALLY DARK SOIL AND ODORS.
6. IN AREAS OF CONCERN EXCAVATED MATERIAL SHALL BE PLACED IN SEALED WATER-TIGHT CONTAINERS OR LINED STAGING AREAS IMMEDIATELY ADJACENT TO THE WORK AREA FOR TESTING AND CLASSIFICATION OF MATERIAL PRIOR TO HAUL OFF.

CONTAMINATED MEDIA NOTES:

4. CONSTRUCTION WITHIN THE EAST LANDFILL CAP AREA CONSISTS OF GRADING A SUITABLE LEVEL BENCH WITHIN THE DEED RESTRICTED AREA TO CONSTRUCT FOUNDATIONS FOR THE CRUDE OIL PIPELINE. CONSTRUCTION ACTIVITIES SHALL NOT ENCROACH UPON THE LANDFILL AREA ITSELF AND SHALL REMAIN EAST OF THE HIGH VISIBILITY FENCING DELINEATED ON THE EROSION CONTROL PLANS.
5. PORT OF VANCOUVER IDENTIFIED POCKETS OF CONTAMINATED GROUNDWATER AND SOIL WITHIN THIS AREA. CONTRACTOR SHALL BE ADVISED THAT WORK ADJACENT TO THIS AREA WILL REQUIRE TESTING OF EXCAVATED MATERIAL PRIOR TO DISPOSAL.
6. NO CONSTRUCTION ACTIVITY IS PROPOSED IN THESE AREAS OF INDUSTRIAL WASTE. PORT HAS COMPLETED CLEANUP OF THESE SITES DURING RAIL CONSTRUCTION WHERE FEASIBLE.

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LIMITS OF CONSTRUCTION ACTIVITY WITHIN DEED RESTRICTED AREAS



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1					

700 NE Multnomah Street, Suite 900
Portland, Oregon 97232-4189
(503) 872-4100 FAX: (503) 872-4101

Tesoro Savage Petroleum Terminal LLC

PROJECT:	VANCOUVER ENERGY PORT OF VANCOUVER, WASHINGTON
DESCRIPTION:	CONTAMINATED MEDIA LOCATIONS - 2

DESIGN:	DRS	START DATE:	2/25/2015	SCALE:	AS SHOWN
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CHECKED:	MCH	APPROVED:	SA	SIZE:	24X36
DRAWING NUMBER				SHEET	REV.
0100-CD-003				1	1



4.2.2 Transfer Protection

- Valves, hoses, and system alignment is checked by knowledgeable personnel before the start of any fueling or product transfer operations.
- Equipment and transfer connections are monitored during the fueling/transfer operation to minimize the potential for environmental release of any oil, hazardous substance, or hazardous waste.
- Fueling and transfer operations are monitored to prevent overfilling of receiving containers and the potential for overflow.
- Sufficient freeboard is maintained at the top of containers to allow for product expansion.
- Fuel is dispensed from hose nozzles or approved, properly-labeled safety cans equipped with self-closing valves or caps.
- Oil is dispensed from containers equipped with self-closing valves or caps.
- Fueling of equipment and dispensing of oil is done only in areas designated for such activity upland areas away from the shoreline. Approved fuelling equipment locations are designated in the cSWPPP.
- Mobile refuelers will carry a spill response kit for use in the event of drips, leaks, or spills during transfer operations.

4.2.3 Monitoring of Transfers

- Where the transfer is either located out of the direct line of sight of the receiving unit, not easily accessible, or poorly lit, a buddy system is used to observe the transfer.
- Receiving and discharging units are monitored during the transfer operation.
- If multiple personnel are needed to monitor a transfer, they are to communicate with each other.
- Transfers of storage containers are monitored by personnel.

4.2.4 Area Protection

- No oil, hazardous substance or hazardous waste will be disposed of into the sanitary sewer system, storm drainage system, waterway, or trash container/dumpster.
- Prior to transfer operations, storm drain catch basins, sanitary sewer manholes, floor drains, and other access holes within 50 feet of the discharging/receiving units will be covered with a mat, plug, or other suitable device. Cover devices will not be removed until transfer operations are completed.
- Waste oil receptacles are provided in the same general areas used for fuel dispensing.
- A spill response kit appropriate to the oil, hazardous substance, or hazardous waste being transferred is placed at or near the operation. At a minimum, each spill kit includes the following.
 - One Water Resistant Nylon Bag
 - Three Oil Absorbent Socks 3 inches by 4 feet
 - 2 Oil Absorbent Socks 3 inches by 10 feet
 - 12 Oil Absorbent Pads 17 feet by 19 inches
 - 1 Pair Splash Resistant Goggles
 - 3 Pair Nitrile Gloves
 - 10 Disposable Bags with Ties
 - Instructions

4.2.5 Inspection

All storage and transfer areas are inspected, maintained, and repaired, as needed, to assure continued performance of their intended function. Site inspections are conducted by a person who is knowledgeable in spill prevention and response. Storage areas and secondary containment are inspected weekly at a minimum¹ and maintained free of accumulated rainwater and spills. Stormwater collected in containment

¹ Inspections may be conducted in association with other construction site environmental compliance activities, cSWPPP inspections for example.

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is inspected for sheens or other indications of contamination prior to discharge. If contamination is suspected, stormwater collected in containment is not discharged to ground or surface water, and appropriately collected, handled, and disposed.

4.3 Construction within Identified Cap Areas

This section is intended to provide detailed descriptions of surface area disruptions within the Deed Restrictive Areas (Figure 3). Detailed construction drawings indicating existing cap sections and restoration details are included in construction Stormwater Pollution Prevention Plan (cSWPPP) provided under separate cover. Procedures for pollution prevention for work in these areas are described in the Contaminated Media Management Plan (CMMP).

5. Spill Response and Notification

5.1 Response

1. Immediate action is taken to contain and cleanup spills. Such immediate action includes the following.
 - Use of spill response kit materials stored on site.
 - Recontainment of spilled material.
 - Removal to an approved disposal site any soil or sorbent material contaminated or saturated in conjunction with the spill.
2. Reporting the spill to the nearest supervisor and in turn reported promptly to the Vancouver Energy site superintendent and SHE&Q manager. As necessary, the SHE&Q manager reports the spill as shown on Table 1.
3. Immediate removal or control of the source of the spill (e.g., oil drum set upright, shut valve off, plug hole, etc.)
4. The supervisor or his designee makes certain that the flow of spilled fluid is contained by use of berming or damming methods appropriate to the size and conditions of the release
5. Prompt actions to recover spilled materials are implemented. Specific actions depend on the size and nature of the release and may include, but not be limited to: application of sorbent materials, removal by handheld or mobile equipment, or pumping.
6. After the spill source is removed or controlled and all spilled fluid is removed, then all contaminated soil and material is removed to a temporary holding point and stored appropriately to prevent further release to the environment.
7. Recovered materials are disposed of at a landfill facility licensed to handle wastes resulting from the response activities.

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5.2 Notification

All spills involving oil, hazardous substances, or hazardous wastes are verbally reported to the SHE&Q manager immediately. The SHE&Q manager is responsible for providing appropriate notifications per Table 1. A spill report or incident report form (Appendix A) is completed.

Table 1. Project Specific Federal, State, and Local Agencies to Be Notified in the Event of a Spill

Agency	Spill Size	Verbal Report	Written Report
National Response Center (NRC) (USCG, EPA, and DOT notified)	Immediately for all spills that impact or threaten navigable water or adjoining shoreline Any size on land if threatening surface waters	Call NRC Immediately (Within 1 hour): 800-424-8802	None
EPA Region 10	If spill is 1000 gal or more (on land), or >42 gallons in each of 2 discharges within 12 month period	No	Yes (within 60 days)
Energy Facility Site Evaluation Council	<ul style="list-style-type: none"> TBD by Site Certificate 	TBD by Site Certificate	TBD by Site Certificate
Port of Vancouver	<ul style="list-style-type: none"> Any amount on land or water requiring notification outside of Facility Management 	Immediately Security 360-992-1120	As may be requested by the agency
Department of Ecology – Spills Program	<ul style="list-style-type: none"> Any amount into or threatening state waters – inland, marine, or groundwater. Any amount into a storm drain or ditch Any amount onto snow Any amount onto state highways and freeways. Any amount onto land which could threaten waters of the state (including groundwater) 	Immediately (within 30 minutes) WA Emergency Management Division: 800-258-5990	As may be requested by the agency
Department of Ecology – Dangerous Waste Program	<ul style="list-style-type: none"> Any amount released to the environment which poses a threat to human health or the environment Any amount released to containment which is not “promptly” cleaned up. 	Immediately (within 60 minutes): Ecology Southwest Regional Office: 360-407-6300	As may be requested by the agency
Washington Department of Natural Resources	<ul style="list-style-type: none"> Any amount which may impact state-owned aquatic lands 	Immediately: WA Emergency Management Division: 800-258-5990 Rivers DNR Aquatic District: 360-577-2025	As may be requested by the agency

6. Spill Response Training

All Facility personnel (including refueling personnel and subcontractors) are trained in spill prevention, containment, and response and the location of spill response kits. Vancouver Energy will implement an environmental awareness training program to inform personnel at all levels of responsibility, including subcontractors, of the components of this plan. The purpose of the training program is to ensure that the necessary information is given to all workers responsible for the plan’s implementation.

The training program will address each component of the cSPCCP, including how and why tasks are to be implemented. The training covers items such as prohibited discharges, inspections, spill prevention and response, implementation of BMPs, reporting, and record keeping.



All employees will have responsibility for spill prevention and cSPCCP implementation. As discussed under Section 4, if an employee or subcontractor employee notices a spill or leak, they must immediately notify the nearest supervisor and the SHE&Q manager. The SHE&Q manager will assess the spill and implement response measures as necessary.

7. List of Acronyms and Abbreviations

bbl: barrel and barrels

BMPs: best management practices

CFR: Code of Federal Regulations

CMMP: contaminated media management plan

CSHM: construction safety and health manual

Ecology: Washington State Department of Ecology

EFSEC: Energy Facility Site Evaluation Council

EPA: U.S. Environmental Protection Agency

Facility: Vancouver Energy Terminal

HDPE: high-density polyethylene

Port: Port of Vancouver USA

SHE&Q: safety, health, environmental, and quality

SPL: spent pot liner

SWPPP: stormwater pollution prevention plan

TCE: trichloroethylene

WAC: Washington Administrative Code

WVFA: West Vancouver Freight Access

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Appendix A
Spill or Incident Report Form

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SPILL OR INCIDENT REPORT FORM

Instructions: Complete for any type of oil or hazardous materials/waste spill or incident. Provide a copy of this report to management.

1. Personnel Involved in Spill Reporting:
Name, Title, and Phone Number: _____
Name, Title, and Phone Number: _____

2. Contractor:
Name and Title of Person Responsible for Spill Response: _____
Phone Number: _____

3. General Spill Information:
Common Name of Spilled Substance: _____
Quantity Spilled (Estimate): _____
Describe Concentration of Material (Estimate): _____
Date of Spill: ___/___/___
Time Spill Started: ___AM ___PM Time Spill Ended: ___AM ___PM

4. Spill Location and Conditions:
Project Title: _____
Street Address and/or Milepost, City: _____
Weather Conditions: _____
If Spill to Water: Name of Water Body (if ditch or culvert, identify the water body that the structure discharges to): _____
Identify the Discharge Point: _____
Estimate the Depth and Width of the Water Body: _____
Estimate Flow Rate (i.e., slow, moderate, or fast): _____
Describe Environmental Damage (i.e., fish kill?): _____

5. Actions Taken:
To Contain Spill or Impact of Incident: _____
To Cleanup Spill or Recover from Incident: _____
To Remove Cleanup Material: _____
To Document Disposal: _____
To Prevent Reoccurrence: _____

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6. Reporting the Spill:

Spills to water: Immediately call the National Response Center (1-800-424-8802), Emergency Management (1-800-258-5990), and the Ecology Southwest Regional Office (1-800-407-6300).

Spills to soil that may be an immediate threat to health or the environment (i.e., explosive, flammable, toxic vapors, shallow groundwater, nearby creek, etc.): Call the Ecology Southwest Regional Office (1-800-407-6300) immediately. If not immediately threatening, but may be a threat to human health.

List all agencies contacted; include names, dates, and phone numbers for people you spoke with (Port requires notification of any size spill even if below reportable quantities.):

Record ERTS Nos., if issued by Ecology: _____

7. Person Responsible for Managing Termination/Closure of Incident or Spill:

Name and Phone: _____

Address and Fax: _____

8. Additional Notes/Information (if necessary):

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