

Section 5.3 Stormwater Discharge Permit Application



NOTICE OF INTENT (NOI)
APPLICATION FORM

Construction Stormwater General
Permit

Check if applicable:
 Change or Update Permit Information
 Modification of Permit Coverage
 Permit #WAR_____

Please print or type all sections of this application. All fields are required unless otherwise marked.

I. Operator/Permittee (Party with operational control over plans and specifications or day-to-day operational control of activities which ensure compliance with Stormwater Pollution Prevention Plan (SWPPP) and permit conditions. Ecology will send correspondence and permit fee invoices to the permittee on record.)				
Name: Tesoro Savage Vancouver Energy Distribution Terminal		Company: Tesoro Savage Petroleum Terminal LLC		
Business Phone: (801) 944-6600	Ext.	Unified Business Identifier (UBI): 603308951 <i>(UBI is a nine-digit number used to identify a business entity. Write "none" if you do not have a UBI number.)</i>		
Cell Phone (Optional):	Fax (Optional): (801) 944-6554			
E-mail: generalcounsel@savageservices.com				
Mailing Address: 6340 South 3000 East, Suite 600		City: Salt Lake City	State: UT	Zip 84121
II. Property Owner (The party listed on the County Assessor's records as owner and taxpayer of the parcel[s] for which permit coverage is requested. Ecology will <u>not</u> send correspondence and permit fee invoices to the Property Owner. The Property Owner information will be used for emergency contact purposes.)				
Name: Port of Vancouver		Company (if applicable):		
Business Phone: (360) 693-3611	Ext.	Unified Business Identifier (UBI): <i>(UBI is a nine-digit number used to identify a business entity. Write "none" if you do not have a UBI number.)</i>		
Cell Phone (Optional):	Fax (Optional): (360) 735-1565			
E-mail:				
Mailing Address: 3103 Lower River Road		City: Vancouver	State: WA	Zip 98660
III. On-site Contact Person (Typically the Certified Erosion & Sediment Control Lead or Operator/Permittee)				
Name: TBD		Company:		
Business Phone:	Ext.	Mailing Address:		
Cell Phone (Optional)	Fax (Optional):			
E-mail:				
City:	State:	Zip		
IV. WebDMR (Electronic Discharge Monitoring Reporting)				
<p>You must submit monthly discharge monitoring reports using Ecology's WebDMR system. To sign up for WebDMR, or to register a new site, go to www.ecy.wa.gov/stormwater, and click on the "Construction Stormwater" link. You will find information on WebDMR under the "WebDMR and PARIS" link on the right-hand side. If you are unable to submit your DMRs electronically, you may contact Ecology to request a waiver. Ecology will generally only grant waiver requests to those permittees without internet access. Only a permittee or representative, designated in writing, may request access to or a waiver from WebDMR. To have the ability to use the system immediately, you must submit the Electronic Signature Agreement with your application. If you have questions on this process, contact Ecology's WebDMR staff at WAWebDMR-Stormwater@ecy.wa.gov or 360-407-7097.</p>				

V. Site Information		
Site or Project Name Tesoro Savage Vancouver Energy Distribution Terminal		Site Acreage Total size of your site/project (that <u>you</u> own/control): <u>41.5</u> acres.
Street Address or Location Description (If the site lacks a street address, list its specific location. For example, Intersection of Highway 61 and 34.) 5501 NW Lower River Road, Vancouver, WA 98660 _____ Parcel ID#: _____ (Optional) Type of Construction Activity (check all that apply): <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Highway or Road (city ,county, state) <input type="checkbox"/> Utilities (specify): _____ <input type="checkbox"/> Other (specify): _____		Total area of soil disturbance (grading and/or excavating) for <u>your</u> site/project over the life of the project: <u>41.5</u> acres. (Note: 1 acre = 43,560 ft ²) <u>Concrete / Engineered Soils</u> How many yards of concrete will be poured over the life of the project? <u>TBD</u> yd ³ (estimate) How many yards of recycled concrete will be used over the life of the project? <u>TBD</u> yd ³ (estimate) Will any engineered soils be used? (For example: cement treated base, cement kiln dust, etc.) <input type="checkbox"/> Yes <input type="checkbox"/> No
City (or nearest city): Vancouver	Zip Code: 98660	Estimated project start-up date (mm/dd/yy):
County: Clark		Estimated project completion date (mm/dd/yy):
Record the latitude and longitude of the <i>main entrance</i> to the site or the approximate center of site. Latitude: <u>45.651778</u> _____ °N Longitude: <u>122.731131</u> _____ °W		
For assistance with latitude and longitude, refer to the following website: http://www.getlatlon.com . Convert all latitude and longitude coordinates into degrees, minutes, seconds format. For help with this process go to: http://transition.fcc.gov/mb/audio/bickel/DDMMSS-decimal.html		
VI. Existing Site Conditions		
1. Are you aware of contaminated soils present on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
2. Are you aware of groundwater contamination located within the site boundary? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. If you answered yes to questions 1 or 2, will any contaminated soils be disturbed or will any contaminated groundwater be discharged due to the proposed construction activity? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
["Contaminated" and "contamination" here mean containing any hazardous substance (as defined in WAC 173-340-200) that does not occur naturally or occurs at greater than natural background levels.]		
If you answered yes to Question 3, <u>please explain below or on a separate paper</u> in detail the locations, contaminants, and concentrations, and pollution prevention and/or treatment BMPs proposed to control the discharge of soil/groundwater contaminants. Ecology may request a copy of your SWPPP.		
Deed restrictive caps exist on-site. Construction will minimize impact to the maximum extent possible. Excavated soils and dewatering water will be tested and re-used on-site or disposed of in accordance with Port standard operating procedures and state and local regulations.		
VII. Stormwater Pollution Prevention Plan (SWPPP)		
You must develop a SWPPP prior to starting construction. Do not submit your SWPPP with your application. The exception is that Ecology may request a copy of your SWPPP if you answered yes to the questions in Part VI.		

VIII. Best Management Practices (BMPs)

You must use the BMPs listed in the Stormwater Management Manual for Western Washington or the Stormwater Management Manual for Eastern Washington or other manuals approved by Ecology. Alternatively, you may use demonstrably equivalent BMPs on the basis of permit condition S9.C.4. If you intend to use a BMP at your site that is not included in these manuals, but that you believe meets the definition of a *demonstrably equivalent* BMP, you must notify the appropriate regional office. (See Definitions in the Construction Stormwater General Permit).*

<http://www.ecy.wa.gov/programs/wq/stormwater/construction/contacts.html>

**Note that if you receive permit coverage without indicating the preference for a demonstrably equivalent BMP and later decide to use one, you must provide Ecology with notice of the selection of an equivalent BMP no less than 60 days before the intended use of the equivalent BMP.*

IX. Discharge/Receiving Water Information

Indicate whether your site's stormwater and/or dewatering water could enter surface waters, **directly** and/or **indirectly**:

Water will discharge directly or indirectly (through a storm drain system or roadside ditch) into one or more surface waterbodies (wetlands, creeks, lakes, and all other surface waters and water courses).

If your discharge is to a storm sewer system, provide the name of the operator of the storm sewer system:
(e.g., City of Tacoma): Port of Vancouver

(NOTE: If your stormwater discharges to a storm sewer system operated by the City of Seattle, King County, Snohomish County, City of Tacoma, Pierce County, or Clark County, you must **also** submit a copy of this NOI to the appropriate jurisdiction.)

Water will discharge to ground with 100% infiltration, with no potential to reach surface waters under any conditions.

If your project includes dewatering, you **must** include dewatering plans and discharge locations in your site Stormwater Pollution Prevention Plan.

Location of Discharge into Surface Waterbody

Enter the waterbody name and latitude/longitude of the point(s) where the site has the potential to discharge into a waterbody (enter all locations).

- Include the names and locations of both direct and indirect discharges to surface waterbodies, even if the risk of discharge is low or limited to periods of extreme weather.
- Some large construction projects (for example, subdivisions, roads, or pipelines) may discharge into several waterbodies.
- If the creek or tributary is unnamed, use a format such as "unnamed tributary to Deschutes River."
- **Attach a separate list if necessary.**

Surface Waterbody Name	Latitude Decimal Degrees	Longitude Decimal Degrees
Columbia River	45.6375° N	-122.7125° W
Columbia River	45.649722° N	-122.745833° W
	° N	° W
	° N	° W

If your site discharges to a waterbody that is on the impaired waterbodies list (i.e., 303[d] list) for turbidity, fine sediment, high pH, or phosphorus, Ecology will require additional documentation before issuing permit coverage and these sites will be subject to additional sampling and numeric effluent limits (per Permit Condition S8). Ecology will notify you if any additional sampling requirements apply. Information on impaired waterbodies is available online at <http://www.ecy.wa.gov/programs/wq/303d/2008/index.html>.

X. State Environmental Policy Act (SEPA)

This Notice of Intent (NOI) is incomplete and cannot be approved until the applicable SEPA requirements under Chapter 197-11 WAC are met.

Who is the SEPA lead agency on your site? Energy Site Evaluation Council.

Has the SEPA lead agency issued a final decision on your checklist? No Yes Exempt*

If No: The NOI is incomplete. Ecology will hold the application until a final SEPA decision is made or the Construction Stormwater NOI public comment period ends, whichever is later. You must notify Ecology once the lead agency has issued a determination.

If Yes: Type of SEPA decision issued: Determination of Non-Significance (DNS) Mitigated DNS (MDNS) Determination of Significance (DS) Final Environmental Impact Statement (EIS) Other: _____

- Date of final SEPA decision: _____.
- If a supplemental EIS, SEPA addendum, or some other type of additional SEPA review was required, please attach and submit with this form.
- Date when all SEPA-related comment & appeal periods are exhausted: _____.

*If Exempt: Attach written documentation, check type of exemption below, and proceed to Section VII.

- Watershed Restoration & Fish Habitat Enhancement Exemption (RCW 43.21C.0382).
- Infill Development Exemption (RCW 43.21C.229).
- Planned Action Exemption (RCW 43.21C.031).
- Categorical Exemption. Under what section of the SEPA Rule (WAC 197-11-800) is it exempt? _____ (for example, WAC 197-11-800(1) Minor New Construction)

More SEPA information is available at: <http://www.ecy.wa.gov/programs/sea/sepa/e-review.html>.

XI. Public Notice

You must publish a public notice at least **once** a week for **two** consecutive weeks with **seven days** between publications, in at least a **single** newspaper of general circulation in the county in which the construction is to take place. Ecology cannot grant permit coverage sooner than the end of the 30-day public comment period, which begins on the date of the **second** public notice.

Mail or fax (360-407-6426) the NOI to Ecology on or **before** the **first** public notice date. If you fax the public notice to Ecology, you must also mail a hard copy. Failure to do so may delay the issuance of your permit.

Provide the **exact** dates (mm/dd/yy) that the first and second public notices will appear in the newspaper(s):

First notice: TBD / ____ / ____

Second notice: TBD / ____ / ____ (Begins 30-day public comment period.)

For example: First notice: 01/01/10

Second notice: 01/08/10

Name of the newspaper(s) publishing the notices: TBD

PUBLIC NOTICE TEMPLATE

Complete this template using project-specific information and submit to a local newspaper with general circulation within the county where the project is located. The **bold** language is required by WAC 173-226-130 and must be included in its entirety. (Either use the fill-in template below or **attach on a separate sheet of paper, if necessary.**)

(Note: This section is unprotected so you can delete text in parentheses)

Tesoro Savage Petroleum Terminal LLC, 6340 South 3000 East, Suite 600, Salt Lake City, UT 84121, is seeking coverage under the Washington State Department of Ecology’s Construction Stormwater NPDES and State Waste Discharge General Permit.

The proposed project, Tesoro Savage Vancouver Energy Distribution Terminal, is located at 5501 NW Lower River Road in Vancouver, in Clark County.

This project involves 41.5 acres of soil disturbance for industrial construction activities.

Stormwater will be discharged to existing Port of Vancouver stormwater systems prior to discharge to the Columbia River.

Any persons desiring to present their views to the Washington State Department of Ecology regarding this application, or interested in Ecology’s action on this application, may notify Ecology in writing no later than 30 days of the last date of publication of this notice. Ecology reviews public comments and considers whether discharges from this project would cause a measurable change in receiving water quality, and, if so, whether the project is necessary and in the overriding public interest according to Tier II antidegradation requirements under WAC 173-201A-320.

Comments can be submitted to:
Department of Ecology
Attn: Water Quality Program, Construction Stormwater
P.O. Box 47696, Olympia, WA 98504-7696

XII. Certification of Permittees

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Kelly Flint / Tesoro Savage Petroleum Terminal LLC
Printed Name / Company (operator/permittee only)

Authorized Person
Title

Signature of Operator/Permittee*

Date

*** Federal regulations require this application is signed by one of the following:**

- A. For a corporation: By a principal executive officer of at least the level of vice president.
- B. For a partnership or sole proprietorship: By a general partner or the proprietor, respectively.
- C. For a municipality, state, federal, or other public facility: By either a principal executive officer or ranking elected official.

Please sign and return this document to the following address:

Washington Department of Ecology - Stormwater
P.O. Box 47696
Olympia, WA 98504-7696

Please print or type in the unshaded areas only
(fill-in areas are spaced for elite type, i.e., 12 characters/inch).

FORM 1 GENERAL	 U.S. ENVIRONMENTAL PROTECTION AGENCY/ECOLOGY GENERAL INFORMATION DEPARTMENT OF ECOLOGY State of Washington Consolidated Permits Program (Read the "General Instructions" before starting.)	1. Current permit I.D.		T/A	C
		WA		14	15
				D	

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit a NPDES permit application forms to Ecology. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold-faced terms**.

	MARK "X"				MARK "X"		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	B. Does or will this facility (<i>either existing or proposed</i>) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. Is this facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D. Is this proposal facility (<i>other than those described in A or B above</i>) which will result in a discharge to waters of the U.S.? (FORM 2D)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
G. Do you or will you inject at this facility any produced water other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

III. NAME OF FACILITY

C	1	Tesoro Savage Vancouver Energy Distribution Terminal	
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IV. FACILITY CONTACT

A. NAME & TITLE (<i>last, first, & title</i>)		B. PHONE (<i>area code & no.</i>)		
C	2	Flint, Kelly, Authorized Person	801	944
			6600	

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX			
C	3	6340 South 3000 East, Suite 600	
B. CITY OR TOWN		C. STATE	D. ZIP CODE
C	4	Salt Lake City	UT
			84121

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER			
C	5	5501 NW Lower River Rd	
B. COUNTY NAME			
		Clark	
C. CITY OR TOWN		D. STATE	E. ZIP CODE
C	6	Vancouver	WA
			98660
D. LATITUDE/LONGITUDE (NAD 83 DATUM)			
		LATITUDE AS DECIMAL DEGREES - N4 45.651778	
		LONGITUDE AS DECIMAL DEGREES - W1 122.731131	

CONTINUED FROM THE FRONT

VII. SIC, NAICS CODES (in order of priority) AND UBI NUMBER Place additional on an attachment.

SIC FIRST				SIC. SECOND			
C 7	5171	(specify) Petroleum Bulk Station & Terminal	7 7			(specify)	
EQUIVALENT NAICS FIRST				EQUIVALENT NAICS SECOND			
C 7	422710	(specify) Petroleum Bulk Station & Terminal	7 7			(specify)	

UBI NUMBER -603308951

VIII. OPERATOR INFORMATION

A. NAME						B. Is the name listed in Item VIII-A also the owner?	
C 8	Tesoro Savage Petroleum Terminal LLC					<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other," specify.)				D. PHONE (area code & no.)			
F = FEDERAL	M = PUBLIC (other than federal or state)	P	(specify)	C A	801	944	6600
S = STATE	O = OTHER (specify)						
P = PRIVATE							

E. STREET OR PO BOX
6340 South 3000 East, Suite 600

F. CITY OR TOWN		G. STATE	H. ZIP CODE	IX. INDIAN LAND	
C B	Salt Lake City	UT	84121	Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)				D. PSD (Air Emissions from Proposed Sources)			
C	T	I		C	T	8	
9	N			9	P		
B. UIC (Underground Injection of Fluids)				E. OTHER (specify)			
C	T	I		C	T	8	
9	U			9			
C. RCRA (Hazardous Wastes)				E. OTHER (specify)			
C	T	I		C	T	8	
9	R			9			

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

The proposed project is designed to receive crude oil by rail from various sources and transfer it to storage tanks where it will be held until it is loaded onto vessels for transport to end users. The project will include the construction of administrative and support buildings, rail unloading facility piping, six tanks that can store up to 370,000 barrels each, and a marine loading facility that will include pipelines, cranes, an observation/control platform, and lighting to be installed on the existing dock structure at the site. In addition, two boiler plants will be built on the site and two rail lines will be added to the existing infrastructure at the Terminal 5 loop.

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Kelly Flint, Authorized Person		

To ask about the availability of this document in a version for the visually impaired, call the Water Quality Program at 360-407-6600. Persons with hearing loss, call 711 for Washington Relay Service. Persons with a speech disability, call 877-833-6341.

Please print or type in the unshaded areas

EPA ID Number (copy from item 1 of Form 1)

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

Form
2F
NPDES



United States Environmental Protection Agency
Washington, DC 20460

Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., SW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

I. Outfall Location

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. Outfall Number <i>(list)</i>	B. Latitude			C. Longitude			D. Receiving Water <i>(name)</i>
T40	45	38	15	-122	42	45	Columbia River
T50	45	38	60	-122	44	45	Columbia River

II. Improvements

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

1. Identification of Conditions, Agreements, Etc.	2. Affected Outfalls		3. Brief Description of Project	4. Final Compliance Date	
	number	source of discharge		a. req.	b. proj.
N/A					

B. You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfall(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage or disposal of significant materials, each existing structure control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each are not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which receive storm water discharges from the facility.

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
T40	23.70 (acres)	25.32 (acres)	T50	13.22 (acres)	13.74 (acres)

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas; and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

Areas listed above in IV-A are for the project drainage basins only. The area of the entire drainage basin contributing to outfall T40 is 176 acres and the area contributing to outfall T50 is 154 acres.

The proposed sites have been in general industrial use for the last 3 years and under the operational control of the Port of Vancouver. Construction of rail, utility, and general grading have been performed on these sites since the demolition of a defunct aluminum plant and the remediation of the former industry on Terminal 5. All construction, storage, and excavation on site within the last 3 years were completed in accordance with applicable construction and general stormwater permits. Outfall T40 and its contributing basin are currently governed by a state General Industrial Stormwater Permit WAR000424 and outfall T50 and its contributing basin are currently governed by a state NPDES Municipal Stormwater Permit WAR045201.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
T40	<p>EXISTING TREATMENT <i>Stormwater on site at Terminal 4 is treated in a combination of forms. Individual industry lease holders perform onsite stormwater treatment prior to discharge to the main drainage system. A master planned drainage system, including a water quality pond, was designed and constructed with sufficient capacity for the entire site, assuming 100 percent impervious coverage.</i></p> <p>PROPOSED TREATMENT <i>Project-specific structural BMPs installed upstream include covered storage facilities with dedicated roof gutter systems, containment berms, hydrodynamic separation, oil/water separators, and cartridge filter units. Nonstructural controls include spill prevention plans, employee training, visual inspection, preventive maintenance, good housekeeping measures, and manual operation of containment area pumps.</i></p>	<p>3-G</p> <p>1-M 1-Q</p>
T50	<p>EXISTING TREATMENT <i>Stormwater on site at Terminal 5 is treated in a combination of forms. Individual industry lease holders perform onsite stormwater treatment prior to discharge to the main drainage system. A master planned drainage system, including lift station and water quality ponds, was designed and constructed with sufficient capacity for the entire site, assuming 100 percent impervious coverage.</i></p> <p>PROPOSED TREATMENT <i>Project-specific structural BMPs installed upstream include covered storage facilities with dedicated roof gutter systems, oil/water separators, cartridge filter units. Nonstructural controls include spill prevention plans, employee training, visual inspection, preventive maintenance, and good housekeeping measures.</i></p>	<p>3-G</p> <p>1-M 1-Q</p>

V. Non Stormwater Discharges

A. I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharges from these outfall(s) are identified in either an accompanying Form 2C or Form 2E application for the outfall.

Name of Official Title (type or print)

Signature

Date Signed

N/A - See Narrative Below

B. provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

Designated outfalls T40 and T50 were not evaluated for the presence of non-stormwater discharges. This project connects to the master planned drainage conveyance system along with multiple other sources of stormwater and possible non-stormwater discharges outside of the operational area of control governed by this permit request. Monitoring manholes will be provided at each point where the project discharges to the existing conveyance systems. Monitoring as required by the final permit documents will be conducted to confirm stormwater quality meets the discharge limits and onsite discharges will be monitored to confirm that non-stormwater discharges are eliminated.

Discharge monitoring reports were obtained from the Port of Vancouver for outfall T40. Review of the 1st and 2nd Quarter DMRs from 2013 do not appear to indicate the presence of non-stormwater discharges. No monitoring is required at T50 in accordance with the Port of Vancouver's current stormwater permit.

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

No significant leaks or spills of toxic or hazardous pollutants are known to have occurred on the project site within the last 3 years. The project area was used for general industrial purposes, including storage of equipment and material, and rail and access improvements have been ongoing. Activities on these sites were governed by previously issued construction and industrial stormwater permits.

VII. Discharge Information

A,B,C, & D: See instruction before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided. Tables Vii-A, VII-B, and VII-C are included on separate sheets numbered VII-1 and VII-2.

E. Potential discharges not covered by analysis - is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

Yes (list all such pollutants below)

No (go to Section IX)

VIII. Biological Toxicity Testing Data

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

Yes (list all such pollutants below)

No (go to Section IX)

IX. Contact analysis Information

Were any of the analysis reported in item VII performed by a contact laboratory or consulting firm?

Yes (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

No (go to Section X)

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
Test America	9405 SW Nimbus Avenue Beaverton, OR 97008	(503) 906-9200	Turbidity pH Copper Zinc

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name & Official Title (type or print)

Kelly Flint, Authorized Person

B. Area Code and Phone No.

(801) 944-6600

C. Signature

D. Date Signed

Total flow from the rain event was calculated using an estimate of the contributing area and multiplying by the total rainfall depth; a final conversion to gallons was completed to determine the final figure. The entire contributing area for outfall T4M is roughly 297 acres.

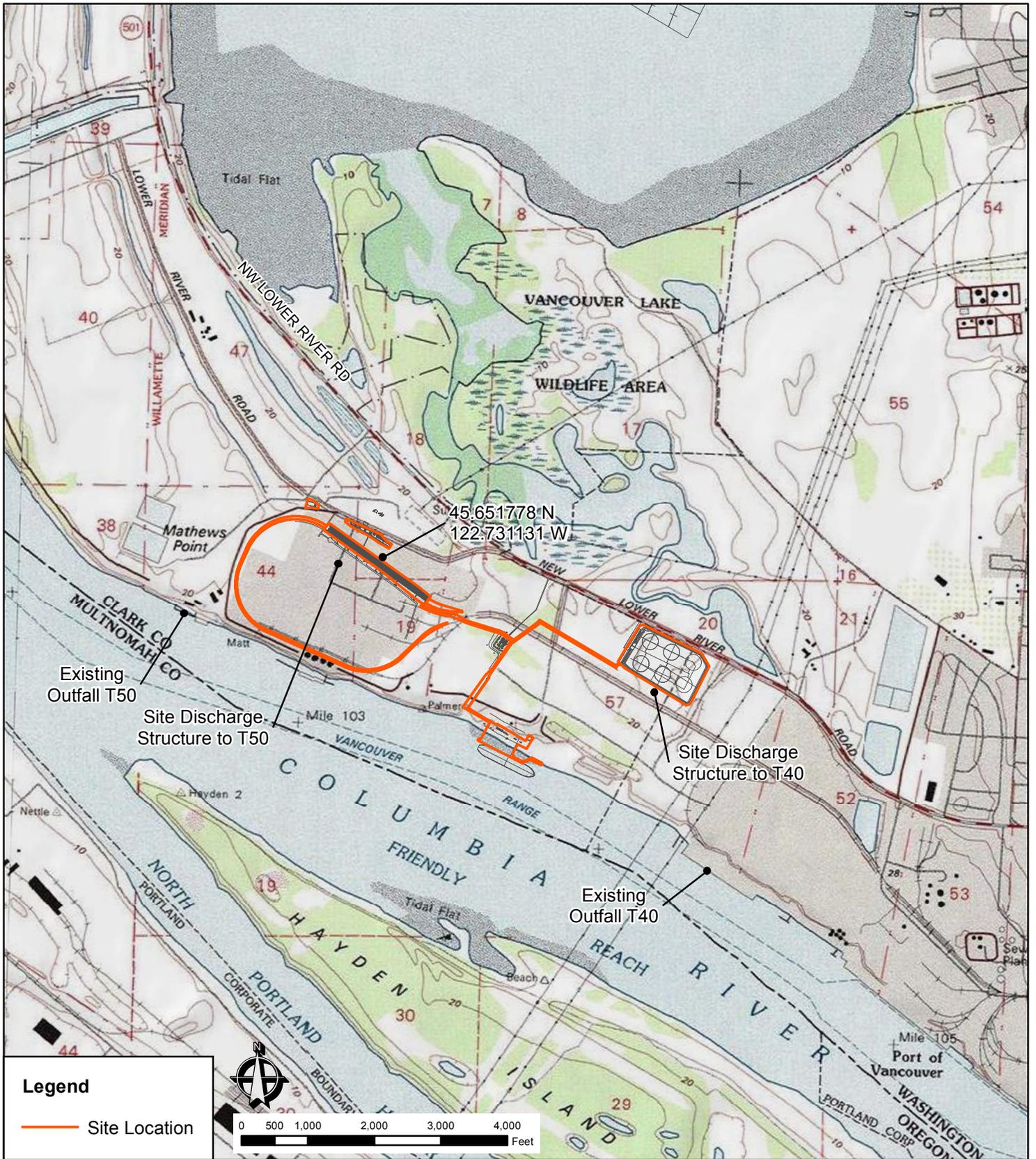
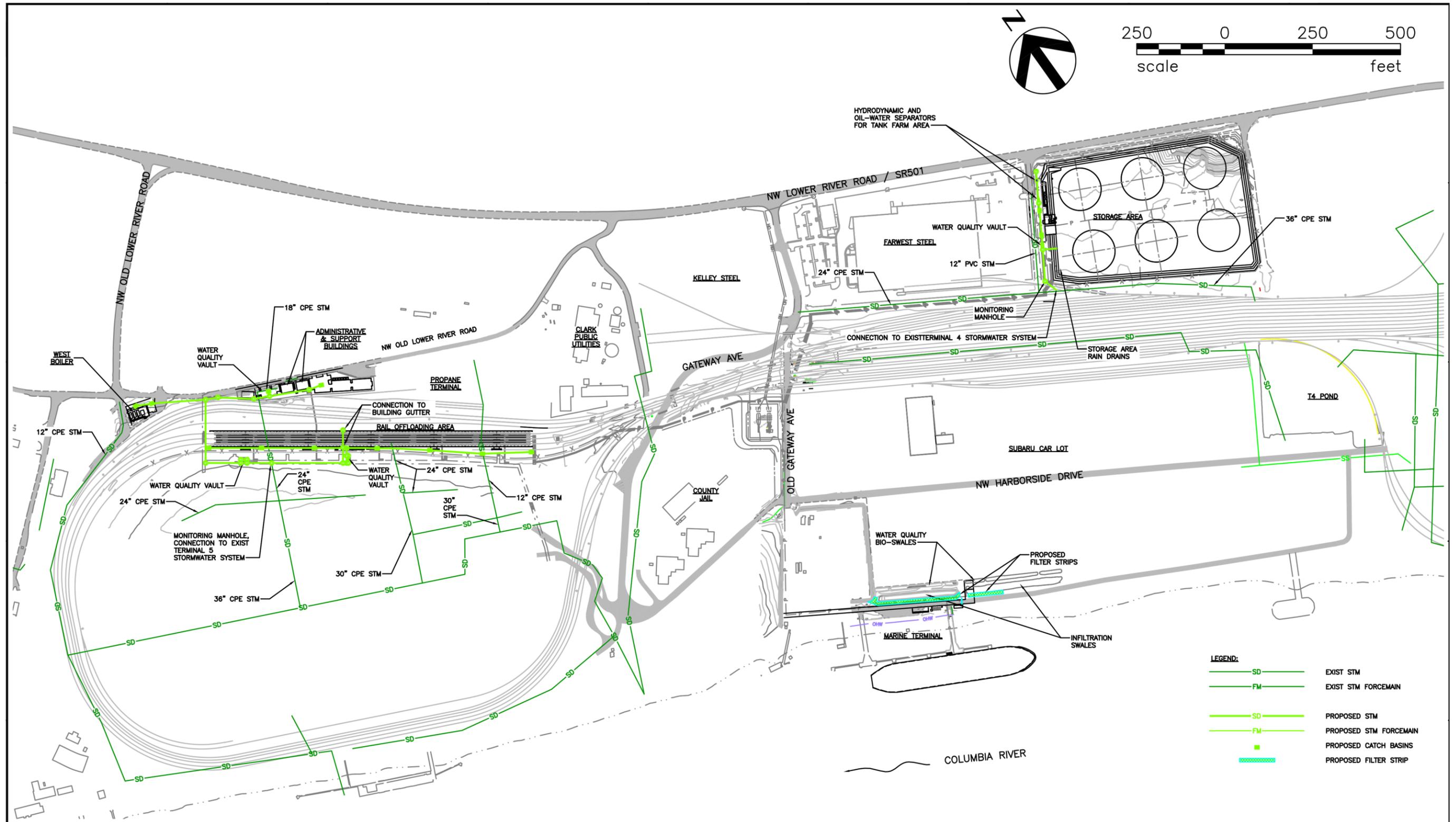


Figure 5.3-1: Topographic Map



5.3-2. Site Drainage map

