

DEQ USE ONLY	
File #:	
Application #:	
LLID/RM:	
River Mile:	
Legal Name Confirmed:	<input type="checkbox"/>
Notes:	

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
APPLICATION FOR NEW  
NPDES GENERAL PERMIT 1200-C**

For stormwater discharges to surface waters from construction activities disturbing one acre or more that do not meet automatic coverage requirements.



DEQ USE ONLY	
Date Received:	4/23/13
Amount:	\$ 1,629.00
Check Name:	Clark, Mary Jo, Moseley
Check #:	1107
Deposit #:	
Receipt #:	153049
Notes:	

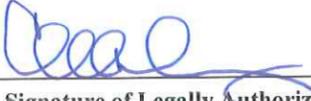
\*A project *may* be eligible for "automatic coverage" under NPDES general permit 1200-CN if stormwater *does not* discharge to a water body with a TMDL or 303(d) listing for sediment or turbidity *and* it meets one of the following criteria (see 1200-CN at <http://www.deq.state.or.us/wq/wqpermit/docs/general/npdes1200cn/1200CNPermit.pdf>):

- 1) Disturbs less than one acre and is located in Gresham, Troutdale, or Wood Village.
- 2) Disturbs less than five acres and is located in Albany, Corvallis, Eugene, Milwaukie, Multnomah Co. (unincorporated areas), Springfield, West Linn, or Wilsonville.
- 3) Disturbs less than five acres and is within the jurisdictions of Clackamas Co. Water Environment Services [Gladstone, areas within Clackamas Co. Service Dist. #1 (excluding Happy Valley), and areas within the Surface Water Management Agency of Clackamas Co. (including Rivergrove)], Clean Water Services (Banks, Beaverton, Cornelius, Durham, Forest Grove, Hillsboro, King City, North Plains, Sherwood, Tigard, Tualatin, and Washington Co. within Urban Growth Boundary), or Rogue Valley Sewer Services (Central Point, Phoenix, Talent, and portions of Jackson Co. in NPDES MS4 permit area).

Please answer all questions.

A. PROJECT INFORMATION			
1. Coyote Island Terminal LLC Applicant (entity legally responsible for permit) Clark Moseley, P.E. Contact Name (if different from applicant) 170 S. Main, No. 700 Address Salt Lake City Utah 84101 City State Zip 214-725-5785 c.moseley@ambreenergy.com Telephone E-Mail Address		2. Invoicing information (person or entity legally responsible for payment of annual fee invoice; not a third party independent of the applicant) Clark Moseley Invoice Contact Name (if different from applicant) PacWest Center, 1211 S.W. 5th, Suite 700 Address Portland Oregon 97204 City State Zip 214-725-5785 c.moseley@ambreenergy.com Telephone E-Mail Address	
3. Anderson Perry & Associates, Inc. Architect/Engineering Firm (Erosion & Sediment Control Plan) Andy Lindsey, P.E. Project Manager 541-963-8309 alindsey@andersonperry.com Telephone E-Mail Address		4. Ed Hibbard Applicant's Designated Erosion and Sediment Control Inspector Anderson Perry & Associates, Inc. Company Name 541-963-8309 ehubbard@andersonperry.com Telephone E-Mail Address	

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<p>5. Coyote Island Terminal, LLC, Bulk Terminal Facility</p> <p>Name of Project 72000 Dewey West Lane</p> <p>Address or Cross Street</p> <p>Boardman Oregon 97818</p> <p>City State Zip</p> <p>Morrow</p> <p>County</p>	<p>6. Nature of Construction Activity</p> <p><input type="checkbox"/> Single Family (SIC Code 1521)</p> <p><input type="checkbox"/> Multi-Family Residential (SIC Code 1522)</p> <p><input type="checkbox"/> Commercial (SIC Code 1542)</p> <p><input type="checkbox"/> Industrial (SIC Code 1541)</p> <p><input type="checkbox"/> Highway (SIC Code 1611)</p> <p><input type="checkbox"/> Utilities (SIC Code 1623): _____</p> <p><input checked="" type="checkbox"/> Other (include SIC Code): 4491</p>
<p>7. Approximate location of center of site:</p> <p>Latitude: N 45° 51' 34.56"</p> <p>Longitude: W 119° 39' 38.88"</p> <p><i>**For assistance: DEQ Location Tool at <a href="http://deqgisweb.deq.state.or.us/lid/lid.html">http://deqgisweb.deq.state.or.us/lid/lid.html</a>**</i></p>	<p>8. Project Size:</p> <p>Total Site Acreage (acres): 41.07</p> <p>Total Disturbed Area (acres): 28.72</p>
<p>9. Stormwater runoff during construction will flow to:</p> <p><input type="checkbox"/> Infiltration device(s)</p> <p><input type="checkbox"/> Creek/Stream (provide name):</p> <p><input type="checkbox"/> Ditch (provide name of receiving stream for ditch):</p> <p><input type="checkbox"/> Municipal storm sewer or drainage system (provide name of receiving stream for system):</p> <p><input checked="" type="checkbox"/> Other: Percolation/Storage/Evaporation</p>	
<p>10. Stormwater runoff during construction discharges directly to or through a storm sewer or drainage system that discharges to a water body with a Total Maximum Daily Load (TMDL) or 303(d) listing for turbidity or sedimentation? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p><i>**For assistance: DEQ Lookup Tool at <a href="http://deq12.deq.state.or.us/tmdl/default.aspx">http://deq12.deq.state.or.us/tmdl/default.aspx</a> or DEQ Map/Table at <a href="http://deq12.deq.state.or.us/tmdl/default.aspx">http://deq12.deq.state.or.us/tmdl/default.aspx</a>**</i></p>	
<p align="center"><b>B. LAND USE COMPATIBILITY STATEMENT</b></p>	
<p>Submit a DEQ Land Use Compatibility Statement (LUCS) form that has been completed by the local land use authority with this application. Attach the <i>original</i> LUCS and, if applicable, written findings by the local authority. DEQ will not process the application unless the local land use authority indicates on the LUCS form that the project is compatible with the local acknowledged comprehensive plan and land use regulations.</p> <p><i>**A copy of this form may be found at <a href="http://www.deq.state.or.us/pubs/permithandbook/generallucs.pdf">http://www.deq.state.or.us/pubs/permithandbook/generallucs.pdf</a>**</i></p>	
<p align="center"><b>C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE</b></p>	
<p>The legally authorized representative <i>must</i> sign the application.</p> <p>I hereby certify that the information contained in this application is true and correct to the best of my knowledge and belief. In addition, I agree to pay all permit fees required by Oregon Administrative Rules 340-045. This includes a compliance determination fee invoiced annually by DEQ to maintain the permit.</p> <p>Clark Moseley, P.E. President and CEO</p> <p>Name of Legally Authorized Representative (Type or Print) Title</p> <p> APRIL 17, 2013</p> <p>Signature of Legally Authorized Representative Date</p>	

## APPLICATION AND FEE SUBMITTAL

To authorize permit registration, the following must be completed and submitted to the appropriate DEQ regional office or DEQ Agent (see list of offices in application instructions, pp. 3-4):

- DEQ application form signed by the Legally Authorized Representative and meeting the signature requirements below.
- DEQ LUCS by local land use authority indicating the activity is compatible with local acknowledged comprehensive plan and land use regulations. Include the Findings if so stated on the LUCS.
- Stormwater Erosion and Sediment Control Plan Narrative, if applicable.
- Stormwater Erosion and Sediment Control Plan Drawings; full-sized hard copy and electronic PDF files.
- Effective 11/1/12, the fee for a new application is \$1,629 payable to Oregon DEQ and you must submit it with this application. Please note that DEQ will also invoice you for an annual fee of \$826 if your project needs permit coverage for more than a year. These fees are subject to change; please visit <http://www.deq.state.or.us/wq/wqpermit/stminfo.htm> for current fees. If you are sending your application to a DEQ Agent, check with the DEQ Agent for appropriate fees and make check payable to the DEQ Agent.

## Application Instructions

### A. PROJECT INFORMATION

1. Enter the legal name of the applicant. Permit coverage will be issued to this entity. This is the person, business, public organization, or other entity responsible for ensuring that erosion and sediment controls are in place and in working order through the life of the project.
  - The name must be a legal, active name registered with the Oregon Department of Commerce, Corporation Division in Salem at 503-378-4752 or [http://egov.sos.state.or.us/br/pkg\\_web\\_name\\_srch\\_inq\\_login](http://egov.sos.state.or.us/br/pkg_web_name_srch_inq_login), unless otherwise exempted by their rules. If the name of the applicant is not registered with the Corporation Division and the applicant is a business entity, attach legal documents that verify the entity's existence with the application. The applicant may not use an assumed business name.
  - Permit coverage may be transferred from one party to another. For example, a developer may apply for a permit and then transfer the permit to a contractor. Transfer forms are available from DEQ or at <http://www.deq.state.or.us/wq/stormwater/constappl.htm>.
2. Provide invoice contact information for billing of DEQ annual permit fee if different from the applicant in #1 above. This is the person or entity legally responsible for payment of the annual fee invoice, not a third party independent of the applicant.
3. Provide contact information for the Architect or Consulting Engineer who designed the Erosion and Sediment Control Plan (ESCP).
4. Provide information on the Erosion and Sediment Control Inspector. This is not a DEQ or DEQ Agent inspector; this is an inspector employed by the applicant. If the inspector has not been selected yet, please provide the name of consultant who prepared the ESCP and their ESC certification. When the inspector is selected, submit to DEQ or to the DEQ Agent, the name, contact information, training and experience (see condition A.12.b.iii of the 1200-C).
5. Provide the common name of the project (for example, the name of the subdivision), the location of the site with respect to crossroads in the area, and, if available, a street address.
6. Check the box that best describes the nature of the construction activity. If "other" is selected, describe the use and include a Standard Industrial Classification Code (visit <http://www.osha.gov/pls/imis/sicsearch.html> for codes).
7. Enter latitude and longitude for the approximate center of the site (DEQ Location Tool at <http://deqgisweb.deq.state.or.us/lid/lid.html> or at <http://deqapp1/website/lit/data.asp>).
8. Provide information on the project size as indicated (based on the total project and not just a single phase).
9. Indicate where stormwater runoff during construction will flow. Use your best judgment to determine the name of the receiving water body.
10. Indicate whether stormwater runoff during construction will discharge directly to or through a storm sewer or drainage system that discharges to a Total Maximum Daily Load (TMDL) or 303(d) listed water body for turbidity or sedimentation. To make this determination, the following tools are available on DEQ's website:
  - Map and table: <http://www.deq.state.or.us/WQ/TMDLs/basinmap.htm>
  - Lookup tool: <http://deq12.deq.state.or.us/tmdl/default.aspx>

### B. LAND USE COMPATIBILITY STATEMENT

Complete as indicated.

**C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE**

**DEFINITION OF LEGALLY AUTHORIZED REPRESENTATIVE:**

Please also provide the information requested in brackets [ / ]

- **Corporation** - president, secretary, treasurer, vice-president, or any person who performs principal business functions; or a manager of one or more facilities that is authorized in accordance to corporate procedure to sign such documents.
- **Partnership** - General partner [list of general partners, their addresses, and telephone numbers].
- **Sole Proprietorship** - Owner(s) [each owner must sign the application].
- **City, County, State, Federal, or other Public Facility** - Principal executive officer or ranking elected official.
- **Limited Liability Company** - Member [articles of organization].
- **Trusts** – Acting trustee [list of trustees, their addresses, and telephone numbers].

(please see 40 CFR §122.22 for more detail, if needed)

**APPLICATION AND FEE SUBMITTAL**

Submit this application, Narrative Parts I, II & III (if applicable), LUCS, Erosion and Sediment Control Plan(2 full-sized hard copies and 1 PDF copy), and the applicable fee to the appropriate DEQ regional office or DEQ Agent listed below. Contact the appropriate DEQ regional office or DEQ Agent for the best way to submit the electronic version of the ESCP.

- If you are in an area serviced by a DEQ Agent, check with the DEQ Agent for appropriate fees and make check payable to the DEQ Agent.
- If you are sending your application to DEQ, the fee for a new application is \$1,629 payable to the Oregon DEQ. Please note that DEQ will also invoice you for an annual fee of \$826 if your project needs permit coverage for more than a year. These fees are subject to change; visit <http://www.deq.state.or.us/wq/wqpermit/stminfo.htm> for current fees.

<p><b>DEQ Northwest Region</b> 2020 SW 4th Avenue, Suite 400 Portland, OR 97201-4987 503-229-5438 or 1-800-452-4011</p>	<p><b>DEQ Western Region</b> 165 East 7th Avenue, Suite 100 Eugene, OR 97401 541-687-7326 or 1-800-452-4011</p>	<p><b>DEQ Eastern Region</b> 700 SE Emigrant Avenue, Suite 330 Pendleton, OR 97801 541-278-4605 or 1-800-452-4011</p>
<p><b>City of Eugene</b> 99 W. 10th Avenue Eugene, OR 97401 541-722-5519</p>	<p><b>City of Hermiston</b> 215 Gladys Avenue Hermiston, OR 97838 541-667-5025</p>	<p><b>City of Troutdale</b> 342 SW 4th Street Troutdale, OR 97060 503-674-7270</p>
<p><b>Clean Water Services</b> 2550 SW Hillsboro Highway Hillsboro, OR 97123 503-681-5101 <i>Includes Banks, Beaverton, Cornelius, Durham, Forest Grove, Gaston, Hillsboro, King City, North Plains, Sherwood, Tigard, Tualatin, and portions of Washington Co.</i></p>	<p><b>Rogue Valley Sewer Services</b> 138 West Vilas Road, PO Box 3130 Central Point, OR 97502 541-353-4594 <i>Includes Central Point, Phoenix, Talent, White City and portions of Jackson Co.</i></p>	<p><b>Clack Co. Water Environmental Services</b> 150 Beavercreek Road, Suite 430 Oregon City, OR 97045 503-742-4567 <i>Unincorporated Clackamas County and areas within the Cities of Rivergrove and Gladstone</i></p>

**Oregon Department of Environmental Quality  
LAND USE COMPATIBILITY STATEMENT (LUCS)**

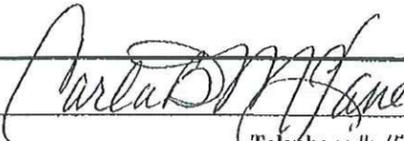
p. 1 of 2

SECTION 1 - TO BE COMPLETED BY APPLICANT			
<b>A. Applicant Name:</b> Coyote Island Terminal, LLC	<b>B. Project Name:</b> Morrow Pacific Bulk Terminal		
<b>Contact Name:</b> Clark Moseley, P.E.	<b>Physical Address:</b> 72000 Dewey West Lane		
<b>Mailing Address:</b> 170 S. Main, No. 700	<b>City, State, Zip:</b> Boardman, Oregon 97818		
<b>City, State, Zip:</b> Salt Lake City, Utah 84101	<b>Tax Lot #:</b> 100		
<b>Telephone:</b> (214) 725-5785	<b>Township:</b> 4N <b>Range:</b> 2SE <b>Section:</b> 2		
<b>Tax Account #:</b> 32-0367202	<b>Latitude:</b> 45.8583N		
	<b>Longitude:</b> -119.6583W		
<b>C. Describe the project, include the type of development, business, or facility and services or products provided (attach additional information if necessary):</b>  Coyote Island Terminal, LLC, plans to install a bulk transfer terminal at the Port of Morrow within the Port's existing Industrial Park. Coal will be delivered via rail using existing rail lines, unloaded and stored in enclosed facilities, conveyed in enclosed conveyors, and loaded into enclosed barges for delivery from the bulk transfer facility. This LUCS is being completed for the 1200-C NPDES Stormwater General Permit for stormwater handling during construction. The Application, Erosion and Sediment Control Plan (ESCP), and this LUCS are being submitted to the DEQ for review and approval.			
<b>D. Check the type of DEQ permit(s) or approval(s) being applied for at this time.</b> <table style="width:100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Air Quality Notice of Construction  <input type="checkbox"/> Air Contaminant Discharge Permit (<i>excludes portable facility permits</i>)  <input type="checkbox"/> Air Quality Title V Permit  <input type="checkbox"/> Air Quality Indirect Source Permit  <input type="checkbox"/> Parking/Traffic Circulation Plan  <input type="checkbox"/> Solid Waste Land Disposal Site Permit  <input type="checkbox"/> Solid Waste Treatment Facility Permit  <input type="checkbox"/> Solid Waste Compost Facility Registration or Permit  <input type="checkbox"/> Solid Waste Letter Authorization Permit  <input type="checkbox"/> Solid Waste Material Recovery Facility Permit  <input type="checkbox"/> Solid Waste Energy Recovery Facility Permit  <input type="checkbox"/> Solid Waste Transfer Station Permit  <input type="checkbox"/> Waste Tire Storage Site Permit  <input type="checkbox"/> Pollution Control Bond Request                 </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Hazardous Waste Treatment, Storage, or Disposal Permit  <input type="checkbox"/> Clean Water State Revolving Fund Loan Request  <input type="checkbox"/> Wastewater/Sewer Construction Plan/Specifications (<i>includes review of plan changes that require use of new land</i>)  <input type="checkbox"/> Water Quality NPDES Individual Permit  <input type="checkbox"/> Water Quality WPCF Individual Permit (<i>for onsite construction-installation permits use the DEQ Onsite LUCS form</i>)  <input checked="" type="checkbox"/> Water Quality NPDES Stormwater General Permit (<i>1200-A, 1200-C, 1200-CA, 1200-COLS, and 1200-Z</i>)  <input type="checkbox"/> Water Quality General Permit (<i>all general permits, except 600, 700-PM, 1700-A, and 1700-B when they are mobile.</i>)  <input type="checkbox"/> Water Quality 401 Certification for federal permit or license                 </td> </tr> </table>		<input type="checkbox"/> Air Quality Notice of Construction <input type="checkbox"/> Air Contaminant Discharge Permit ( <i>excludes portable facility permits</i> ) <input type="checkbox"/> Air Quality Title V Permit <input type="checkbox"/> Air Quality Indirect Source Permit <input type="checkbox"/> Parking/Traffic Circulation Plan <input type="checkbox"/> Solid Waste Land Disposal Site Permit <input type="checkbox"/> Solid Waste Treatment Facility Permit <input type="checkbox"/> Solid Waste Compost Facility Registration or Permit <input type="checkbox"/> Solid Waste Letter Authorization Permit <input type="checkbox"/> Solid Waste Material Recovery Facility Permit <input type="checkbox"/> Solid Waste Energy Recovery Facility Permit <input type="checkbox"/> Solid Waste Transfer Station Permit <input type="checkbox"/> Waste Tire Storage Site Permit <input type="checkbox"/> Pollution Control Bond Request	<input type="checkbox"/> Hazardous Waste Treatment, Storage, or Disposal Permit <input type="checkbox"/> Clean Water State Revolving Fund Loan Request <input type="checkbox"/> Wastewater/Sewer Construction Plan/Specifications ( <i>includes review of plan changes that require use of new land</i> ) <input type="checkbox"/> Water Quality NPDES Individual Permit <input type="checkbox"/> Water Quality WPCF Individual Permit ( <i>for onsite construction-installation permits use the DEQ Onsite LUCS form</i> ) <input checked="" type="checkbox"/> Water Quality NPDES Stormwater General Permit ( <i>1200-A, 1200-C, 1200-CA, 1200-COLS, and 1200-Z</i> ) <input type="checkbox"/> Water Quality General Permit ( <i>all general permits, except 600, 700-PM, 1700-A, and 1700-B when they are mobile.</i> ) <input type="checkbox"/> Water Quality 401 Certification for federal permit or license
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<b>E. This application is for:</b> <input type="checkbox"/> Permit Renewal <input checked="" type="checkbox"/> New Permit <input type="checkbox"/> Permit Modification <input type="checkbox"/> Other:			
SECTION 2 - TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFICIAL			
<b>Instructions:</b> Written findings of fact for all local decisions are required; written findings from previous actions are acceptable. For uses allowed outright by the acknowledged comprehensive plan, DEQ will accept written findings in the form of a reference to the specific plan policies, criteria, or standards that were relied upon in rendering the decision with an indication of why the decision is justified based on the plan policies, criteria, or standards.			
<b>A. The project proposal is located:</b> <input type="checkbox"/> Inside city limits <input type="checkbox"/> Inside UGB <input checked="" type="checkbox"/> Outside UGB			
<b>B. Name of the city or county that has land use jurisdiction</b> ( <i>the legal entity responsible for land use decisions for the subject property or land use</i> ): Morrow County			

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Oregon Department of Environmental Quality  
 LAND USE COMPATIBILITY STATEMENT (LUCS)

p. 2 of 2

SECTION 2 - TO BE COMPLETED BY CITY OR COUNTY PLANNING OFFICIAL		
<b>Applicant Name:</b> Coyote Island Terminal, LLC	<b>Project Name:</b> Morrow Pacific Bulk Terminal	
<b>C. Is the activity or use allowed under Measure 49?</b> <input checked="" type="checkbox"/> No, Measure 49 is not applicable <input type="checkbox"/> Yes; if yes, then check one:		
<input type="checkbox"/> Express; approved by DLCDC order #:		
<input type="checkbox"/> Conditional; approved by DLCDC order #:		
<input type="checkbox"/> Vested; approved by local government decision or court judgment docket or order #:		
<b>D. Is the activity or use compatible with your acknowledged comprehensive plan as required by OAR 660-031?</b> <i>Please complete this form to address the activity or use for which the applicant is seeking approval (see 1.C on the previous page). If the activity or use is to occur in multiple phases, please ensure that your approval addresses the phases described in 1.C. For example, if the applicant's project is described in 1.C as a subdivision and the LUCS indicates that only clearing and grading are allowed outright but does not indicate whether the subdivision is approved, DEQ will delay permit issuance until approval for the subdivision is obtained from the local planning official.</i>		
<input type="checkbox"/> The activity or use is not regulated by the acknowledged comprehensive plan; explain:		
<input type="checkbox"/> YES, the activity or use is pre-existing nonconforming use allowed outright by (provide reference for local ordinance):		
<input checked="" type="checkbox"/> YES, the activity or use is allowed outright by (provide reference for local ordinance): Morrow County Zoning Ordinances, Article 3, Section 3.073 Port Industrial		
<input type="checkbox"/> YES, the activity or use received preliminary approval that includes requirements to fully comply with local requirements; findings are attached.		
<input type="checkbox"/> YES, the activity or use is allowed; findings are attached.		
<input type="checkbox"/> NO, see 2.C above, activity or use allowed under Measure 49; findings are attached.		
<input type="checkbox"/> NO, (complete below or attach findings for noncompliance and identify requirements the applicant must comply with before compatibility can be determined): Relevant specific plan policies, criteria, or standards:  Provide the reasons for the decision: #####		
Additional comments (attach additional information as needed): #####		
<b>Planning Official Signature:</b>		<b>Title:</b> Planning Director
<b>Print Name:</b> Carla McLane	<b>Telephone #:</b> (541) 922-4624	<b>Date:</b> 4/19/2013
<i>If necessary, depending upon city/county agreement on jurisdiction outside city limits but within UGB:</i>		
<b>Planning Official Signature:</b>	N/A	<b>Title:</b>
<b>Print Name:</b>	<b>Telephone #:</b>	<b>Date:</b>

**ENGINEERING FIRM:**

ANDERSON PERRY & ASSOCIATES, INC.  
CONTACT: ANDY LINDSEY, P.E.  
1901 NORTH FIR STREET  
LA GRANDE, OREGON 97850  
PHONE: (541) 963-8309

**EROSION AND SEDIMENT CONTROL PLAN**

THE ESCP CONSISTS OF FIGURES 1 THROUGH 6

**EROSION AND SEDIMENT CONTROL INSPECTOR:**

NAME: ED HIBBARD, ANDERSON PERRY & ASSOCIATES, INC.

ADDRESS: 1901 NORTH FIR STREET  
LA GRANDE, OREGON 97850  
PHONE: (541) 963-8309

CERTIFICATION: CERTIFIED ENVIRONMENTAL CONSTRUCTION INSPECTOR (CECI) #45726 EX 1/2015

TRAINING: 2010 OREGON DEPARTMENT OF TRANSPORTATION CECI TRAINING

EXPERIENCE: 10 YEARS IN THE CONSTRUCTION INDUSTRY INSPECTING THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES.

**NARRATIVE DESCRIPTIONS:**

PROPERTY DESCRIPTION

TWO PARCELS OF LAND SITUATED IN THE N 1/2 OF THE SW 1/4 AND THE S 1/2 OF THE NW 1/4, SECTION 2, T4N R25E, W.M., MORROW COUNTY, OREGON.

EXISTING SITE CONDITIONS

THE PORT OF MORROW SITE CONSISTS OF 41 UPLAND ACRES AND ADJACENT RESERVOIR FRONTAGE ON THE SOUTH BANK OF THE COLUMBIA RIVER, AT RIVER MILE (RM) 271, NORTHEAST OF BOARDMAN, OREGON, AND IS WITHIN THE PORT INDUSTRIAL ZONE DELINEATED BY THE MORROW COUNTY ZONING ORDINANCE (MORROW COUNTY PLANNING DEPARTMENT, 2001). THE PORT ZONE WAS PREVIOUSLY USED FOR IRRIGATED AGRICULTURE, AND AERIAL PHOTOS REVEAL REMNANTS OF CENTER PIVOT CROP CIRCLES. THE UPLAND PORTION OF THE SITE IS SURROUNDED BY INDUSTRIAL DEVELOPMENT WITH ACCESS ROADS AND RAIL LINES ON THREE SIDES AND A RAILROAD LOOP TO THE SOUTHWEST. THE EXISTING PROPERTY IS UNDEVELOPED AND THE SITE TOPOGRAPHY IS RELATIVELY FLAT. THE UPLAND PARCEL IS SEPARATED FROM THE COLUMBIA RIVER BY A PAVED ROAD AND RAILROAD. THE RIVERWARD PARCEL CONSISTS OF A FAIRLY LEVEL BENCH, A STEEP SLOPE, AND A RIVERBANK.

HISTORICALLY, THE PORT OF MORROW SITE WOULD HAVE CONSISTED OF NATIVE BUNCH GRASS AND SHRUB-STEPPE HABITATS, TYPICAL OF THE DRY, CONTINENTAL CLIMATE EAST OF THE CASCADE MOUNTAINS. HOWEVER, THE SITE HAS BEEN HEAVILY IMPACTED BY PAST USE FOR IRRIGATED AGRICULTURE AND RECENT EXPANSION OF INDUSTRIAL DEVELOPMENT AT THE PORT OF MORROW. CURRENTLY, THE SITE CONTAINS A MIX OF NATIVE AND INTRODUCED SPECIES AND IS DOMINATED BY RABBITBRUSH (ERICAMERIA NAUSEOSUS), RUSSIAN THISTLE (SALSOLA TRAGUS), AND ANNUAL GRASSES, PRIMARILY CHEATGRASS (BROMUS TECTORUM). LITTLE RIPARIAN VEGETATION EXISTS AS A RESULT OF WATER LEVEL FLUCTUATIONS IN THE JOHN DAY RESERVOIR, ALTHOUGH SOME LARGE SHADE TREES ARE PRESENT ON NEIGHBORING PROPERTIES. OTHER SPECIES PRESENT IN THE TRANSITION AREA BETWEEN FULL POOL AND THE UPLANDS INCLUDE BITTERBRUSH (PURSHIA SP.), SAGEBRUSH (ARTEMESIA SP.), AND YARROW (ACHILLEA MILLEFOLIUM).

TOTAL SITE AREA - 41.07 ACRES.

NARRATIVE SITE CONDITIONS

A. COYOTE ISLAND TERMINAL, LLC (APPLICANT), A LIMITED LIABILITY CORPORATION, PROPOSES TO CONSTRUCT AND OPERATE AN ENVIRONMENTALLY RESPONSIBLE COAL TRANSFER FACILITY AT THE PORT OF MORROW NEAR BOARDMAN, OREGON. THE APPLICANT HAS SECURED A LEASE WITH THE PORT OF MORROW WITHIN THEIR EXISTING INDUSTRIAL PARK FOR 41.07 TOTAL ACRES. THE LEASE OPTION CONSISTS OF TWO PARCELS LOCATED IN T4N R25E SECTION 2 (SOUTHEAST/NORTHWEST QUARTER) OF THE WILLAMETTE MERIDIAN, TAX LOT NO. 100. LOT ONE IS A 24.39-ACRE UPLAND PARCEL AND LOT TWO IS A 16.68-ACRE PARCEL ON THE COLUMBIA RIVER WATERFRONT. THE LOTS AND THE PROJECT LOCATION ARE SHOWN ON FIGURE 3. THE APPLICANT'S ENTIRE COAL TRANSFER FACILITY WILL BE CONSTRUCTED WITHIN THESE TWO PARCELS. THE MAJORITY OF THE PARCELS WILL BE LEVELED TO ACCOMMODATE THE TRANSFER FACILITIES, CONVEYORS, OFFICE, AND STORAGE BUILDINGS (3) AS SHOWN ON FIGURE 5.

COYOTE ISLAND TERMINAL, LLC ANTICIPATED CONSTRUCTION SCHEDULE		
UPLAND CONSTRUCTION	BREAK GROUND*	SEPTEMBER 2013
	EARTHWORK AND INFRASTRUCTURE	OCTOBER 2013 THROUGH MAY 2014
	CONSTRUCTION OF COAL UNLOADING SHED, CONVEYORS, AND ONE COAL STORAGE BARN	MAY 2014 THROUGH FEBRUARY 2015
IN-WATER WORK	CONSTRUCTION OF BARGE LOADING DOCK	DECEMBER 2013 THROUGH MARCH 2014
OPERATIONS	COMMENCE TRANSFER AND STORAGE OPERATION AT 3.85 MILLION SHORT TONS	MARCH 2015
FUTURE EXPANSION (BELOW) IS ANTICIPATED BUT NOT CERTAIN		
POSSIBLE FUTURE EXPANSION TO 8.8 MILLION SHORT TONS	CONSTRUCTION OF SECOND AND THIRD COAL STORAGE BUILDINGS	JUNE 2017 THROUGH DECEMBER 2017
OPERATIONS	COMMENCE TRANSFER AND STORAGE OPERATION AT 8.8 MILLION SHORT TONS	MARCH 2018

\*90-DAYS AFTER AIR PERMIT RECEIVED, ANTICIPATED TO BE SEPTEMBER 2013.

C. THE PRIMARY FOCUS OF THE CONSTRUCTION IS SITE GRADING, PIPELINE TRENCHING, PIPE AND CONDUIT INSTALLATION, AND STRUCTURE CONSTRUCTION.

D. POST CONSTRUCTION DRAINAGE PATTERNS - AFTER THE SITE HAS BEEN GRADED, SITE RUNOFF WILL BE CONTAINED ON EACH PARCEL AND STORED IN BIOSWALES UNTIL THE WATER HAS EITHER PERCOLATED INTO THE GROUND OR EVAPORATED.

TOTAL DISTURBED AREA - 28.72 ± ACRES.

**NARRATIVE DESCRIPTIONS CONTINUED:**

CONSTRUCTION ELEMENTS AND ESTIMATED SCHEDULE  
INSTALL BMPs (SEPTEMBER 2013)

SITE GRADING AND INFRASTRUCTURE CONSTRUCTION - OCTOBER 2013 THROUGH MAY 2014.

CONSTRUCT COAL UNLOADING SHED, CONVEYORS, AND ONE COAL STORAGE BARN - MAY 2014 THROUGH FEBRUARY 2015.

CONSTRUCT BARGE LOADING DOCK - DECEMBER 2013 THROUGH MARCH 2014.

CLEANUP, FINAL SURFACING, TRIMMING, SEEDING, AND MULCHING - SPRING 2015.

SITE SOIL CLASSIFICATION

SITE SOILS ARE CLASSIFIED AS QUINCY LOAMY FINE SAND, 2 TO 12 PERCENT SLOPES, AVERAGING 4 PERCENT. A HIGH RATE OF PERMEABILITY COMBINED WITH AN AVAILABLE WATER CAPACITY OF 4 TO 5.5 INCHES EQUATES TO SLOW RUNOFF AND LIMITS WATER EROSION IN THIS SOIL SERIES (USDA, 1983). THE NATURAL RESOURCES CONSERVATION SERVICE (NRCS) WEB SOIL SURVEY DESCRIBED PARENT MATERIAL AS EOLIAN (WINDBLOWN) SANDS WITH PARTICLE SIZE SAND COMPRISING 96 PERCENT AND 79 PERCENT OF SOIL PROFILE TEXTURE AT DEPTHS OF 0 TO 6 INCHES AND 6 TO 60 INCHES, RESPECTIVELY (NRCS, 2011). BASALT IS ESTIMATED TO BE IN EXCESS OF 60 TO 80 FEET BELOW GROUND SURFACE.

RECEIVING WATER BODY: COLUMBIA RIVER. (VIA HYPORHEIC DISCHARGE)

**STANDARD EROSION AND SEDIMENT CONTROL PLAN DRAWING NOTES**

THE CONTRACTOR IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200-C PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200-C PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSION, THE 1200-C PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN. THE NOTES OUTLINED HEREFTER INCLUDE REFERENCES TO SCHEDULE A, WHICH IS INCLUDED IN THE GENERAL DEQ 1200-C PERMIT.

- HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS. (SCHEDULE A.8.C.I.(3))
- ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS.
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS.
- RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION. (SCHEDULE B.2.A)
- ALL PERMIT REGISTRANTS MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (SCHEDULE A.8.A)
- THE ESCP MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, UPGRADE THESE MEASURES AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS. (SCHEDULE A.8.C.II.(1)(C))
- SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY REQUIRED UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT. (SCHEDULE A.12.C.III)
- PHASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SCHEDULE A.8.C.II.(1)(D))
- IDENTIFY, MARK, AND PROTECT (BY FENCING OFF OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., RIVER BANK AND SLOPES), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. (SCHEDULE A.8.C.I.(1) & (2))
- PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (SCHEDULE A.7.B.III(1) AND A.7.B.III(3))
- EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING PERIMETER SEDIMENT CONTROL, MUST BE IN PLACE BEFORE VEGETATION IS DISTURBED AND MUST REMAIN IN PLACE AND BE MAINTAINED, REPAIRED, AND PROMPTLY IMPLEMENTED FOLLOWING PROCEDURES ESTABLISHED FOR THE DURATION OF CONSTRUCTION, INCLUDING PROTECTION FOR ACTIVE STORM WATER SYSTEMS AND CATCH BASINS AND APPROPRIATE NON-STORMWATER POLLUTION CONTROLS. (SCHEDULE A.7.D.I AND A.8.C)
- ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SCHEDULE A.8.C.I.(6))
- APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES AND FOR ALL ROADWAYS INCLUDING GRAVEL ROADWAYS. (SCHEDULE A.8.C.II.(2))
- ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SCHEDULE A.8.C.I.(7))
- PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPs SUCH AS: GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ON SITE, OR USE AN EXIT TIRE WASH. THESE BMPs MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES. (SCHEDULE A.7.D.II.(1) AND A.8.C.II.(4))
- WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SCHEDULE A.7.D.II.(3))
- USE BMPs TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, LEFTOVER PAINTS, SOLVENTS, AND GLUES FROM CONSTRUCTION OPERATIONS. (SCHEDULE A.7.E.I.(2))
- IMPLEMENT THE FOLLOWING BMPs WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (SCHEDULE A.7.E.III.)
- USE WATER, SOIL-BINDING AGENT, OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SCHEDULE A.7.B.II)
- THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (SCHEDULE A.9.B.III)
- IF A STORMWATER TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN PLAN APPROVAL BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (SCHEDULE A.9.D) LE A.7.B.III(2) AND A.8.C.II)

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	<b>COYOTE ISLAND TERMINAL LLC</b> PORT OF MORROW BULK TERMINAL EROSION AND SEDIMENT CONTROL PLAN - 1200-C PERMIT	<b>FIGURE</b>  <b>1</b>
	<b>GENERAL NOTES I</b>	

**STANDARD EROSION AND SEDIMENT CONTROL PLAN DRAWING NOTES CONTINUED:**

- 22. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED, THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (SCHEDULE A 7.B)
- 23. AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPs MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (SCHEDULE A 7.E.II.(2))
- 24. CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND DURING WET WEATHER. (SCHEDULE A.7.A.I)
- 25. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE-THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (SCHEDULE A.9.C.I)
- 26. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. (SCHEDULE A.9.C.II)
- 27. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (SCHEDULE A.9.C.III & IV)
- 28. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN-UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED TIME FRAME. (SCHEDULE A.9.B.I)
- 29. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEAN-UP RELEASED SEDIMENTS. (SCHEDULE A.9.B.II)
- 30. THE ENTIRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION OR A HEAVY MULCH LAYER, TEMPORARY SEEDING, OR OTHER METHOD SHOULD ALL CONSTRUCTION ACTIVITIES CEASE FOR 30 DAYS OR MORE. (SCHEDULE A.7.F.I)
- 31. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (SCHEDULE A.7.F.II)
- 32. PROVIDE PERMANENT EROSION CONTROL MEASURES ON ALL EXPOSED AREAS. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. HOWEVER, DO REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AS EXPOSED AREAS BECOME STABILIZED UNLESS DOING SO CONFLICTS WITH LOCAL REQUIREMENTS. PROPERLY DISPOSE OF CONSTRUCTION MATERIALS AND WASTE, INCLUDING SEDIMENT RETAINED BY TEMPORARY BMPs. (SCHEDULE A.7.B.II(2) AND A.8.C.III)

**INSPECTION FREQUENCY:**

SITE CONDITION	MINIMUM FREQUENCY
ACTIVE PERIOD	DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOWMELT, IS OCCURRING, AT LEAST ONCE EVERY TWO (2) WEEKS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING.
PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY.	ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER. ANY NECESSARY MAINTENANCE AND REPAIR MUST BE MADE PRIOR TO LEAVING THE SITE.
INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS.	ONCE EVERY TWO (2) WEEKS.

- HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE EC INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES.
- ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS.
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS.
- REVISIONS TO THE APPROVED ESC PLAN MUST BE SUBMITTED TO DEQ IN ACCORDANCE WITH CURRENT 1200-C PERMIT.



**BMPs WITH ESCP IMPLEMENTATION SCHEDULE**

	SEPT. 2013	SPRING 2015
PERMANENT SEEDING AND PLANTING (BY CONTRACTOR)		X
SEDIMENT FENCING (BY CONTRACTOR)	X*	
* DENOTES BMPs THAT WILL BE INSTALLED PRIOR TO ANY GROUND DISTURBING ACTIVITY		

**PROJECT OWNER:**

COYOTE ISLAND TERMINAL, LLC  
CONTACT: CLARK MOSELEY, P.E.  
72000 DEWEY WEST LANE  
BOARDMAN, OREGON 97204  
PHONE: (214) 725-5765

**PROJECT LOCATION:**

NORTHEAST OF THE CITY OF BOARDMAN, OREGON WITHIN THE PORT OF MORROW INDUSTRIAL PARK. SEE FIGURE 3 FOR DETAILS.

**RATIONALE STATEMENT**

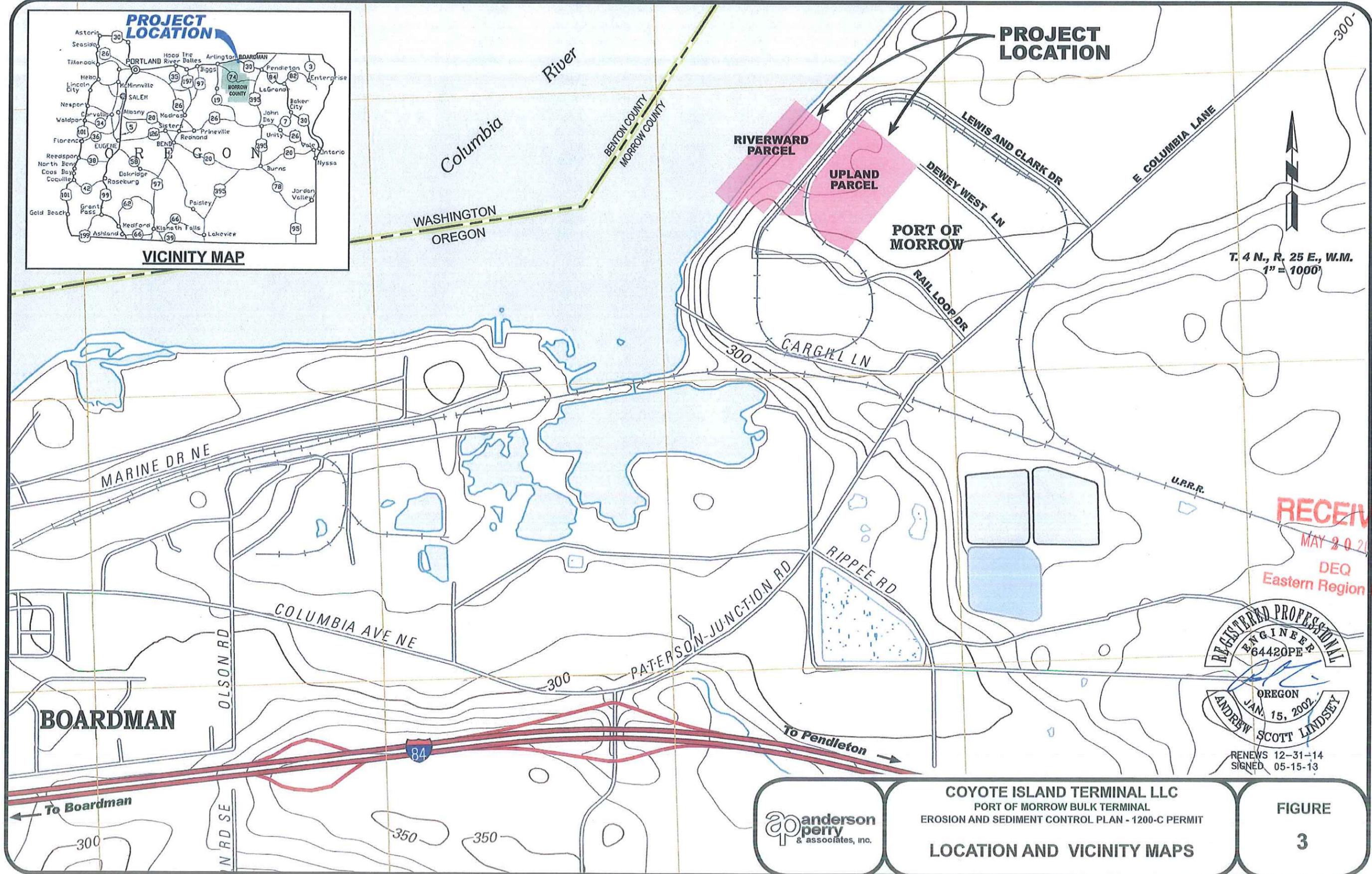
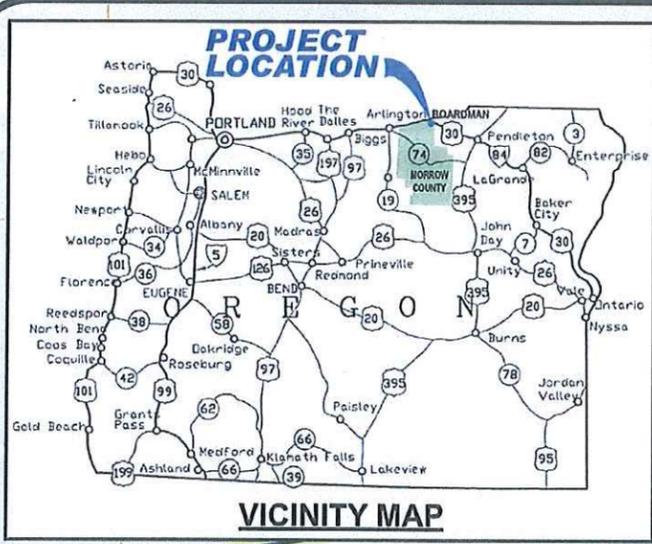
A COMPREHENSIVE LIST OF AVAILABLE BEST MANAGEMENT PRACTICES (BMP) OPTIONS BASED ON DEQ'S GUIDANCE MANUAL HAS BEEN REVIEWED TO COMPLETE THIS EROSION AND SEDIMENT CONTROL PLAN. SOME OF THE LISTED BMP'S WERE NOT CHOSEN BECAUSE THEY WERE DETERMINED TO NOT EFFECTIVELY MANAGE EROSION PREVENTION AND SEDIMENT CONTROL FOR THIS PROJECT BASED ON SPECIFIC SITE CONDITIONS, INCLUDING SOIL CONDITIONS, TOPOGRAPHIC CONSTRAINTS, ACCESSIBILITY TO THE SITE, AND OTHER RELATED CONDITIONS, AS THE PROJECT PROGRESSES AND THERE IS A NEED TO REVISE THE ESC PLAN, AN ACTION PLAN WILL BE SUBMITTED.

INITIAL

THESE EROSION AND SEDIMENT PLANS ASSUME "DRY WEATHER" CONSTRUCTION.



	COYOTE ISLAND TERMINAL LLC PORT OF MORROW BULK TERMINAL EROSION AND SEDIMENT CONTROL PLAN - 1200-C PERMIT	FIGURE 2
	<b>GENERAL NOTES II</b>	



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**REGISTERED PROFESSIONAL ENGINEER**  
 64420PE  
 OREGON  
 JAN. 15, 2002  
 ANDREW SCOTT LINDSEY  
 RENEWS 12-31-14  
 SIGNED 05-15-13

**ap anderson perry & associates, inc.**

**COYOTE ISLAND TERMINAL LLC**  
 PORT OF MORROW BULK TERMINAL  
 EROSION AND SEDIMENT CONTROL PLAN - 1200-C PERMIT  
**LOCATION AND VICINITY MAPS**

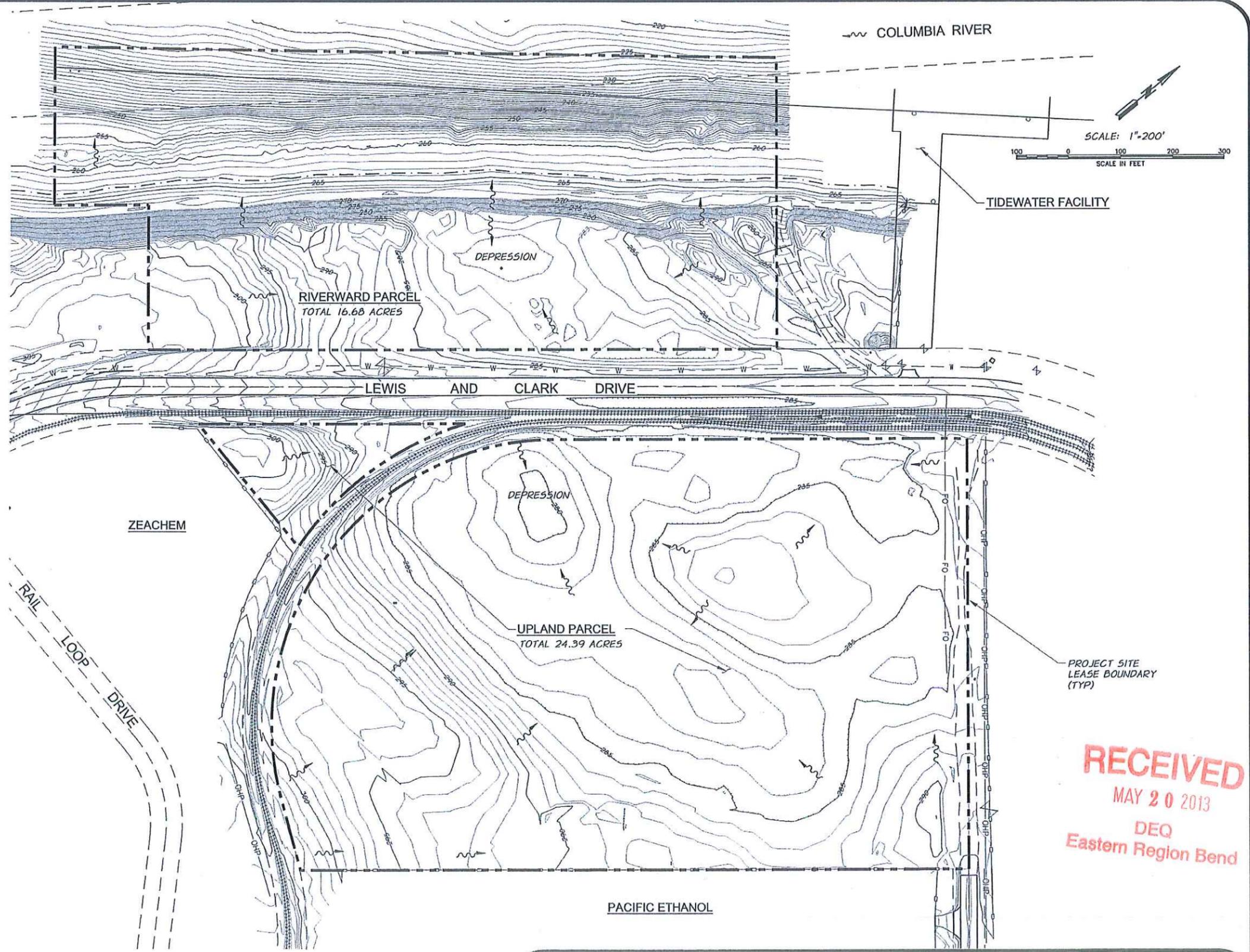
**FIGURE 3**

Job# 1199-462-310 May 15, 2013 lbauer

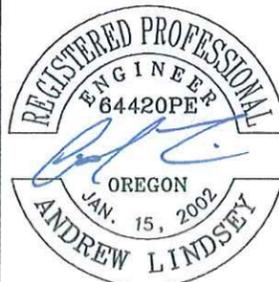
**EXISTING SURVEY LEGEND**

MONUMENT	△
CONTROL	⊙
WELL	⊗
WATER VALVE	⊕
FIRE HYDRANT	⊕
WATER/AIR RELEASE VALVE	⊕
SPRINKLER	⊕
WATER METER	⊕
HOSE BIBB	⊕
SEWER MANHOLE	⊕
SEWER CLEANOUT	⊕
WATER LINE	--- W --- W ---
OVERHEAD POWER	--- OHP --- OHP ---
UNDERGROUND FIBER OPTIC	--- FO --- FO ---
GRAVEL DRIVEWAY/STREET	--- ---
PAVED DRIVEWAY/STREET	--- ---
CENTERLINE	--- ---
CHAINLINK FENCE	--- ---
INDEX CONTOUR	--- 205 ---
INTERMEDIATE CONTOUR	--- ---
DEPRESSION CONTOUR	--- ---
EDGE OF WATER	--- ---
RAIL ROAD	--- ---
LEASE LINE (PROJECT LIMITS)	--- ---
CREEK/DITCH CENTERLINE AND FLOW DIRECTION	--- ---
BOLLARD	•
BORE HOLE STAKE	⊕
SIGN	⊕
LIGHT	⊕
POWER POLE	⊕
GUY WIRE	⊕
ELECTRICAL PEDESTAL	⊕
ELECTRICAL METER	⊕
TELEPHONE PEDESTAL	⊕
SLOPE	--- ---

- NOTES:**
1. THERE ARE NO DISCHARGE POINTS FROM THE EXISTING SITE. RUNOFF IS CONFINED TO THE SITE AND ACCUMULATES IN THE EXISTING DEPRESSIONS OR PERCOLATES INTO THE GROUND.
  2. THERE ARE NO CULVERTS OR DITCHES CROSSING LEWIS AND CLARK DRIVE IN THE VICINITY OF THE PROJECT.
  3. NO DISTURBANCE OF THE RIVER BANK WILL OCCUR DURING CONSTRUCTION.



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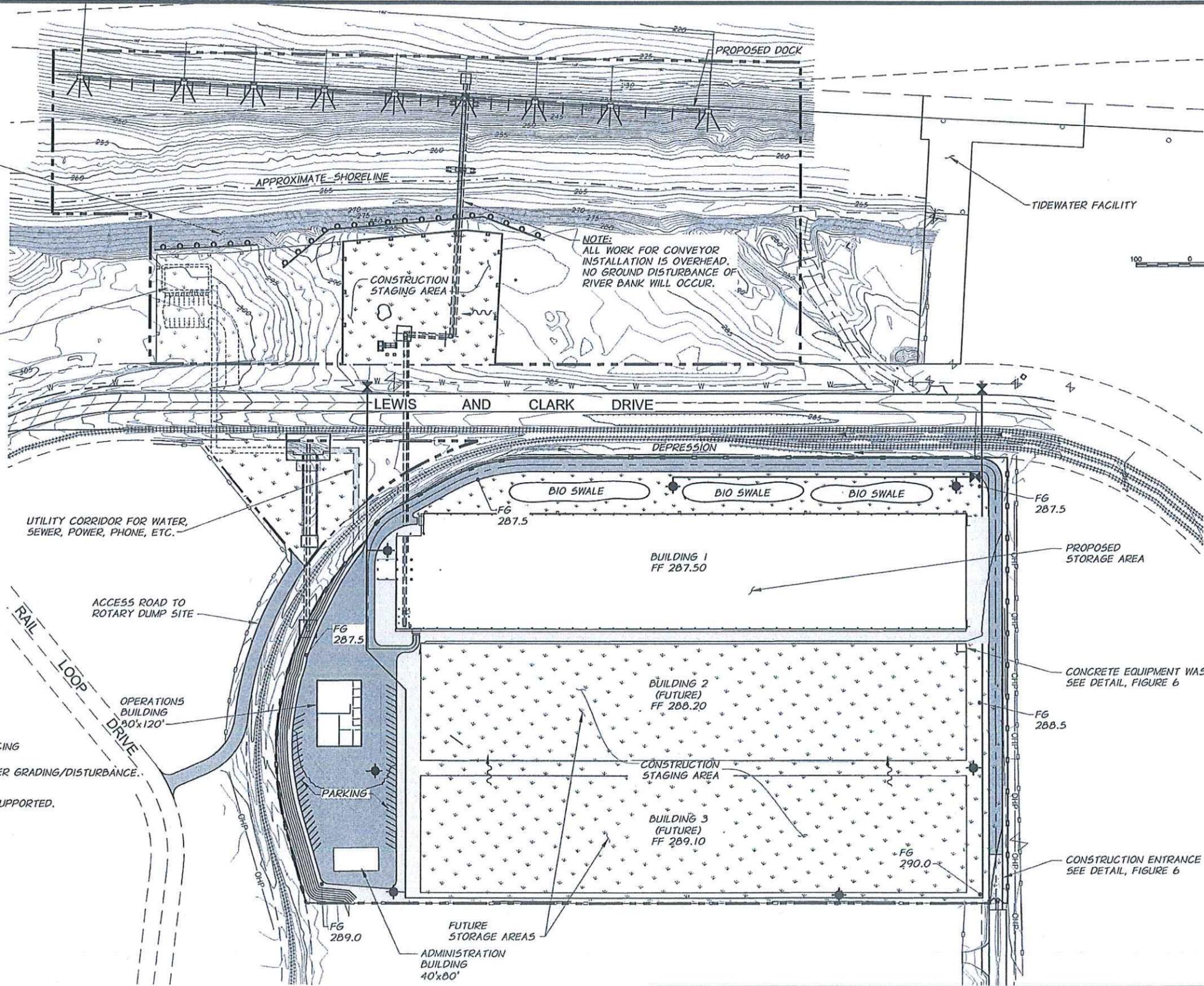
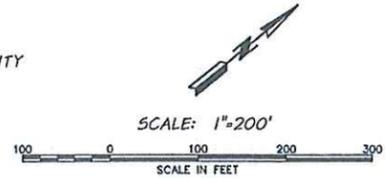
<p>anderson perry &amp; associates, inc.</p>	<p><b>COYOTE ISLAND TERMINAL LLC</b>          PORT OF MORROW BULK TERMINAL          EROSION AND SEDIMENT CONTROL PLAN - 1200-C PERMIT</p>	<p><b>FIGURE</b>          4</p>
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**EXISTING SITE PLAN**

NOTE:  
NO WORK OR GROUND  
DISTURBANCE WILL OCCUR  
ON RIVER BANK OR SLOPE.

ALTERNATIVE ADMINISTRATION  
BUILDING LOCATION

NOTE:  
ALL WORK FOR CONVEYOR  
INSTALLATION IS OVERHEAD.  
NO GROUND DISTURBANCE OF  
RIVER BANK WILL OCCUR.



**LEGEND**

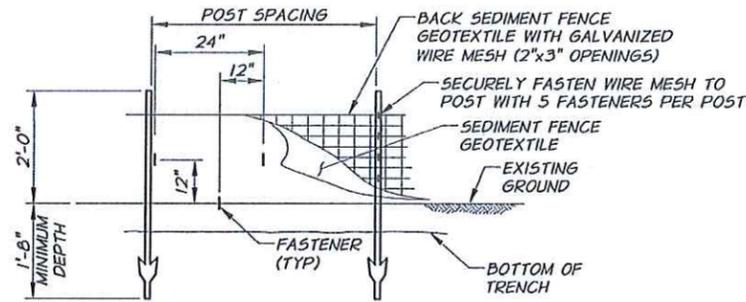
-  BUILDING
-  GRAVEL SURFACING
-  ASPHALT CONCRETE SURFACING
-  AREA TO BE RESEEDED AFTER GRADING/DISTURBANCE.  
SEE SEED MIX, FIGURE 6.
-  INSTALL SEDIMENT FENCE, SUPPORTED.  
SEE DETAIL, FIGURE 6.
-  SLOPE
-  INSTALL SAND FENCE,  
SEE DETAIL, FIGURE 7.



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SIGNED 05-15-13

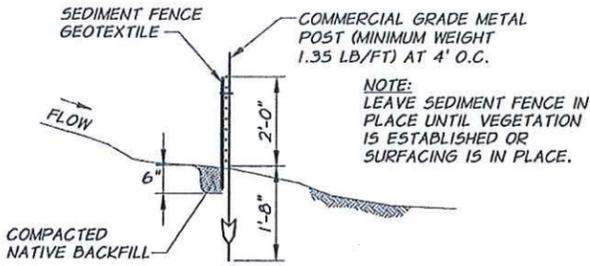
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	<p><b>COYOTE ISLAND TERMINAL LLC</b> PORT OF MORROW BULK TERMINAL EROSION AND SEDIMENT CONTROL PLAN - 1200-C PERMIT</p> <p style="font-size: 1.2em; font-weight: bold;">PROPOSED SITE PLAN</p>	<p><b>FIGURE</b>  <b>5</b></p>
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NOTE: ATTACH SEDIMENT FENCE GEOTEXTILE TO WIRE MESH WITH FASTENERS STAGGERED AT THE TYPICAL VERTICAL AND HORIZONTAL SPACINGS SHOWN.

ELEVATION



NOTE: LEAVE SEDIMENT FENCE IN PLACE UNTIL VEGETATION IS ESTABLISHED OR SURFACING IS IN PLACE.

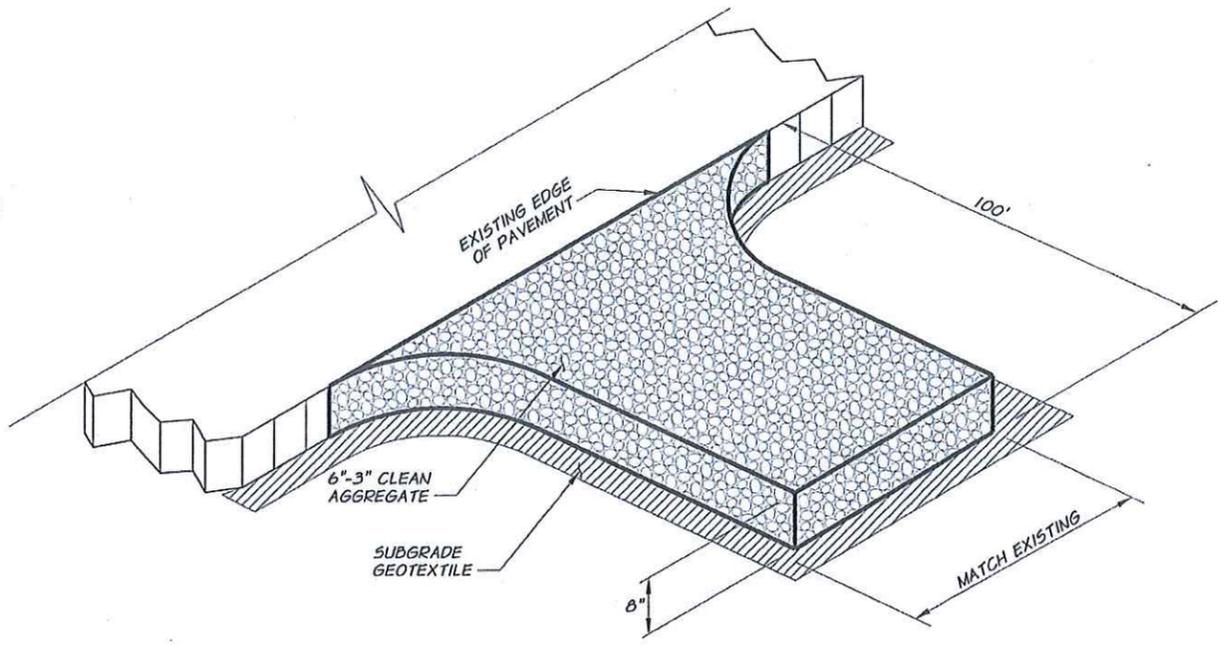
SECTION

**SEDIMENT FENCE - SUPPORTED**

N.T.S.

**SEDIMENT FENCE MAINTENANCE:**

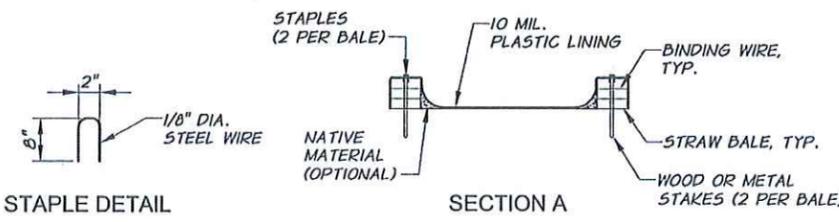
1. REMOVE ACCUMULATED SEDIMENT FREQUENTLY, DO NOT ALLOW ACCUMULATION MORE THAN 1/3 OF THE ABOVE GROUND HEIGHT.
2. INSPECT WEEKLY FOR WIND DAMAGE AND IMMEDIATELY REPAIR OR REPLACE DAMAGED SECTIONS.



NOTE: USE WHERE ACCESSING PAVED ROADS AS REQUIRED TO PREVENT TRACKING.

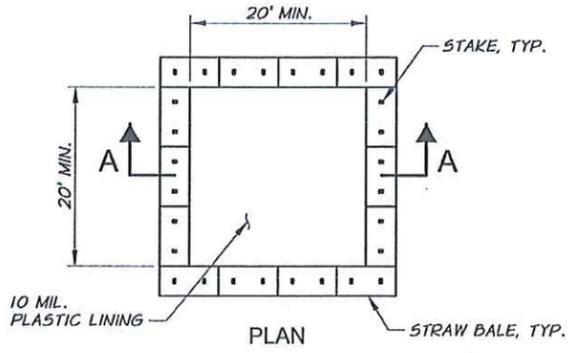
**CONSTRUCTION ENTRANCE**

N.T.S.

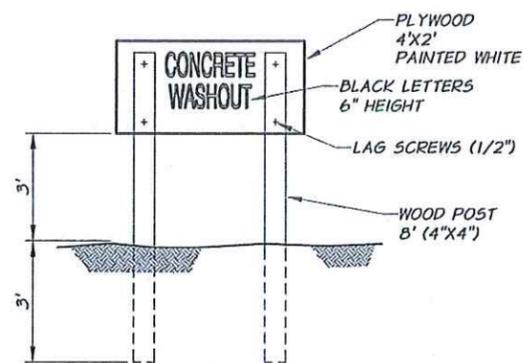


STAPLE DETAIL

SECTION A



PLAN



CONCRETE WASHOUT SIGN DETAIL

**CONCRETE WASHOUT AREA DETAILS**

(NUMBER AS REQUIRED) N.T.S.

**CONCRETE WASHOUT MAINTENANCE:**

1. INSPECT CONCRETE WASHOUT DAILY AND AFTER HEAVY RAINS TO CHECK FOR LEAKS OR OTHER DAMAGE.
2. IMMEDIATELY REPAIR OR REPLACE DAMAGED AREAS.
3. WHEN FILLED TO 75% CAPACITY, REMOVE WASHOUT WATER OR ALLOW TO EVAPORATE.
4. REMOVE AND REPLACE HARDENED SOLIDS AT REGULAR INTERVALS. RECYCLE OR DISPOSE OF MATERIAL AT AN APPROVED FACILITY.

SPECIES	SEEDING RATE Lbs./ac.
INDIAN RICEGRASS	4
SHERMAN BIG BLUEGRASS	2
THICKSPIKE WHEATGRASS	2
VALILOV SIBERIAN WHEATGRASS	4
TOTAL	12 Lbs. PLS/ac

m<sup>2</sup> = SQUARE METER  
Lbs. = POUNDS  
ac = ACRE  
PLS = PURE LIVE SEEDS

**SITE RESTORATION SEED MIX**

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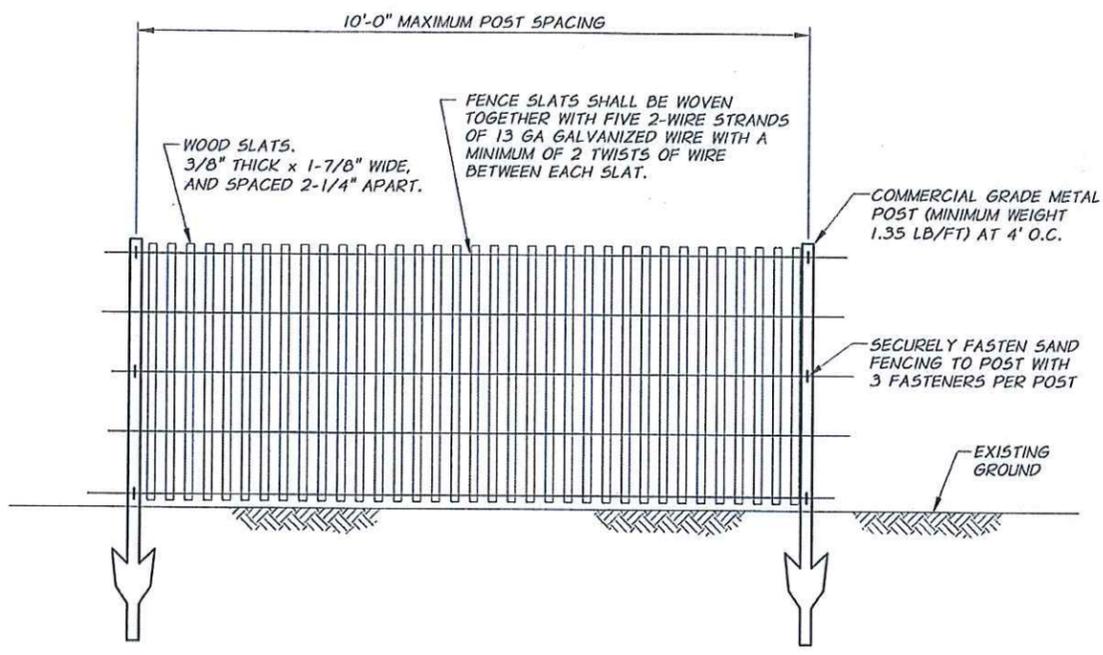
anderson perry & associates, inc.

**COYOTE ISLAND TERMINAL LLC**  
PORT OF MORROW BULK TERMINAL  
EROSION AND SEDIMENT CONTROL PLAN - 1200-C PERMIT

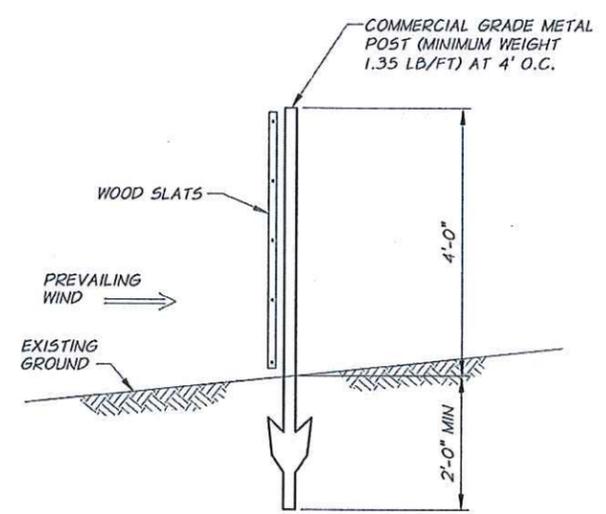
**FIGURE**  
**6**

**DETAILS**

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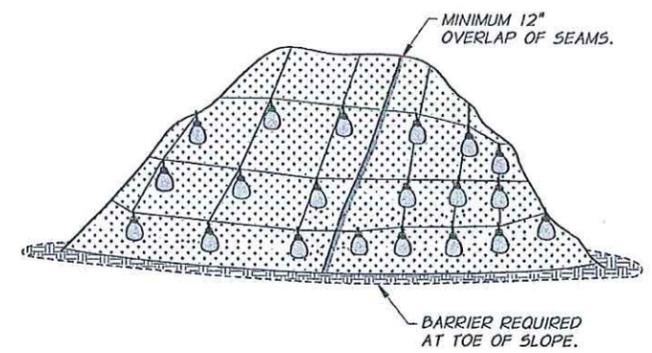


ELEVATION



SECTION

**SAND FENCE**  
N.T.S.



**PLASTIC SHEETING  
STOCKPILE COVERING**  
N.T.S.

- NOTES:**
1. MINIMUM 12" OVERLAP OF ALL SEAMS REQUIRED.
  2. BARRIER REQUIRED AT TOE OF STOCK PILE.
  3. COVERING MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS ON ROPES WITH A MAXIMUM 10' GRID SPACING IN ALL DIRECTIONS.
  4. INSPECT DAILY FOR WIND DAMAGE AND IMMEDIATELY REPAIR ANY TEARS OR RIPS IN SHEETING.

**RECEIVED**  
MAY 20 2013  
DEQ  
Eastern Region Bend

REGISTERED PROFESSIONAL  
ENGINEER  
64420PE  
*Andrew Lindsey*  
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JAN. 15, 2002  
ANDREW LINDSEY  
RENEWS 12-31-14  
SIGNED 05-15-13

**ap anderson  
perry  
& associates, inc.**

**COYOTE ISLAND TERMINAL LLC**  
PORT OF MORROW BULK TERMINAL  
EROSION AND SEDIMENT CONTROL PLAN - 1200-C PERMIT  
**SEDIMENT FENCING DETAILS**

**FIGURE**  
**7**

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