US Army Corps of Engineers
Seattle District

WASHINGTON STATE DEPARTMENT OF ECOLOGY

Joint Public Notice

Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

US Army Corps of Engineers
Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone: (206) 316-3893
ATTN: Mr. Ron Wilcox,
Project Manager

WA Department of Ecology
SEA Program
Post Office Box 47600
Olympia, WA 98504-7600
Telephone: (360) 407-6068
ATTN: SEA Program,
Federal Permit Coordinator

Public Notice Date: September 15, 2015
Expiration Date: October 15, 2015

Reference No.: NWS-2013-1077
Name: Smith Island Terminal, LLC

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the U.S. as described below and shown on the enclosed drawings dated September 4, 2015.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws and the Coastal Zone Management Act.

APPLICANT: Smith Island Terminal, LLC
Attention: Mr. Mark Wolken
2903B Hewitt Avenue
Everett, Washington 98201
Telephone: (206) 972-7207

LOCATION: In wetlands adjacent to and within Steamboat and Union Sloughs at Smith Island, Everett, Washington.

WORK: The proposed Smith Island Terminal intermodal freight facility project would develop a 68-acre site including filling 13.4 acres of wetlands and 0.5 of an acre of ditches. The proposed work would use 678,000 cubic yards of clean fill material to construct the project of which 156,000 cubic yards of material would be placed in wetlands. The work would involve the construction of two parallel 4,200-foot-long loop tracks (8,400 feet long total) and two 400-foot-long rail access tracks to and from the BNSF Railway Company main line. A temporary by-pass track no more than 1,000 feet in length would be installed west of the existing main line tracks to construct an undercrossing. The by-pass tracks would temporarily impact 12,500 square feet of wetlands. In addition to rail installation, proposed work includes constructing office and maintenance buildings, paved equipment storage areas, stormwater collection and treatment facilities.

PURPOSE: To provide a freight intermodal facility to serve the Everett and Snohomish County areas.

ADDITIONAL INFORMATION: The proposed facility would provide for shipping and receiving bulk and other commodities such as compost material, logs, commercial and industrial equipment, automobiles, or other

import/export goods through the Port of Everett and act as a common carrier providing incoming and outgoing rail service demands of local and regional businesses and shippers.

The proposed work would also include improving vehicle access to the existing businesses and the project site by constructing an undercrossing of the BNSF mainline. The new road would also provide access to Cedar Grove Composting, the public access trail and relocated public parking. The public access trail would require minor changes to accommodate compensatory mitigation along the shoreline.

MITIGATION: Proposed on-site permittee-responsible compensatory mitigation would include a combination of freshwater wetland creation, tidally influenced wetland restoration, intertidal salt marsh creation, removal of approximately 500 feet of levee and creation of tidal wetlands, and installation of a self-regulating two-way tide gate. Buffer mitigation would include buffer enhancement by removing invasive and noxious vegetation, replanting with native trees and shrubs, as well as preservation and enhancement of adjacent tidelands.

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service pursuant to Section 7 of the ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. After receipt of comments from this public notice, the Corps will evaluate the potential impacts to proposed and/or listed species and their designated critical habitat.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact EFH in the project area.

If the Corps determines that the proposed action may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate EFH consultation with the NMFS. The Corps' final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

CULTURAL RESOURCES: The Corps will review the latest published version of the National Register of Historic Places, Washington Information System for Architectural and Archaeological Records Data and other sources of information. The Corps invites responses to this public notice from Native American Tribes or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns regarding historic properties and sites of religious and cultural significance at or near the project area. After receipt of comments from this public notice, the Corps will evaluate potential impacts and consult with the State Historic Preservation Officer and Native American Tribes in accordance with Section 106 of the National Historic Preservation Act, as appropriate.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION – CORPS: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water

supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the U.S.

SOURCE OF FILL MATERIAL: The applicant has not yet identified the source of the fill material. Should a permit be issued, the Corps will evaluate the fill material source prior to the start of construction.

EVALUATION – ECOLOGY: Ecology is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

ADDITIONAL EVALUATION: This proposal is the subject of Shorelines Substantial Development Permit, being processed by the City of Everett.

COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether authorizing the work would not be contrary to the public interest. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commenter's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

Copies of this public notice which have been mailed or otherwise physically distributed feature project drawings in black and white. The electronic version features those drawings in color, which we think more accurately communicates the scope of project impacts. To access the electronic version of this public notice, go to the Seattle District's web page at http://www.nws.usace.army.mil/ and under the heading Open Public Comment Periods select Regulatory Public Notices. Recently-issued public notices are listed in chronological order of the date of issuance. Select and view the listing for this project.

CORPS COMMENTS: All e-mail comments should be sent to ronald.j.wilcox@usace.army.mil. Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Mr. Ron Wilcox, P.O. Box 3755, Seattle, Washington 98124-3755. All comments received will become part of the administrative record and are subject to public release under the Freedom of Information Act including any personally identifiable information such as names, phone numbers, and addresses.

NWS-2013-1077, Smith Island Terminal

ECOLOGY COMMENTS: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Washington State Department of Ecology, Attention: Federal Permit Coordinator, Post Office Box 47600, Olympia, Washington 98504-7600, or e-mail to ecyrefedpermits@ecy.wa.gov.

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: Smith Island Terminal, LLC; NWS-2013-1077

Encl: Figures (15)

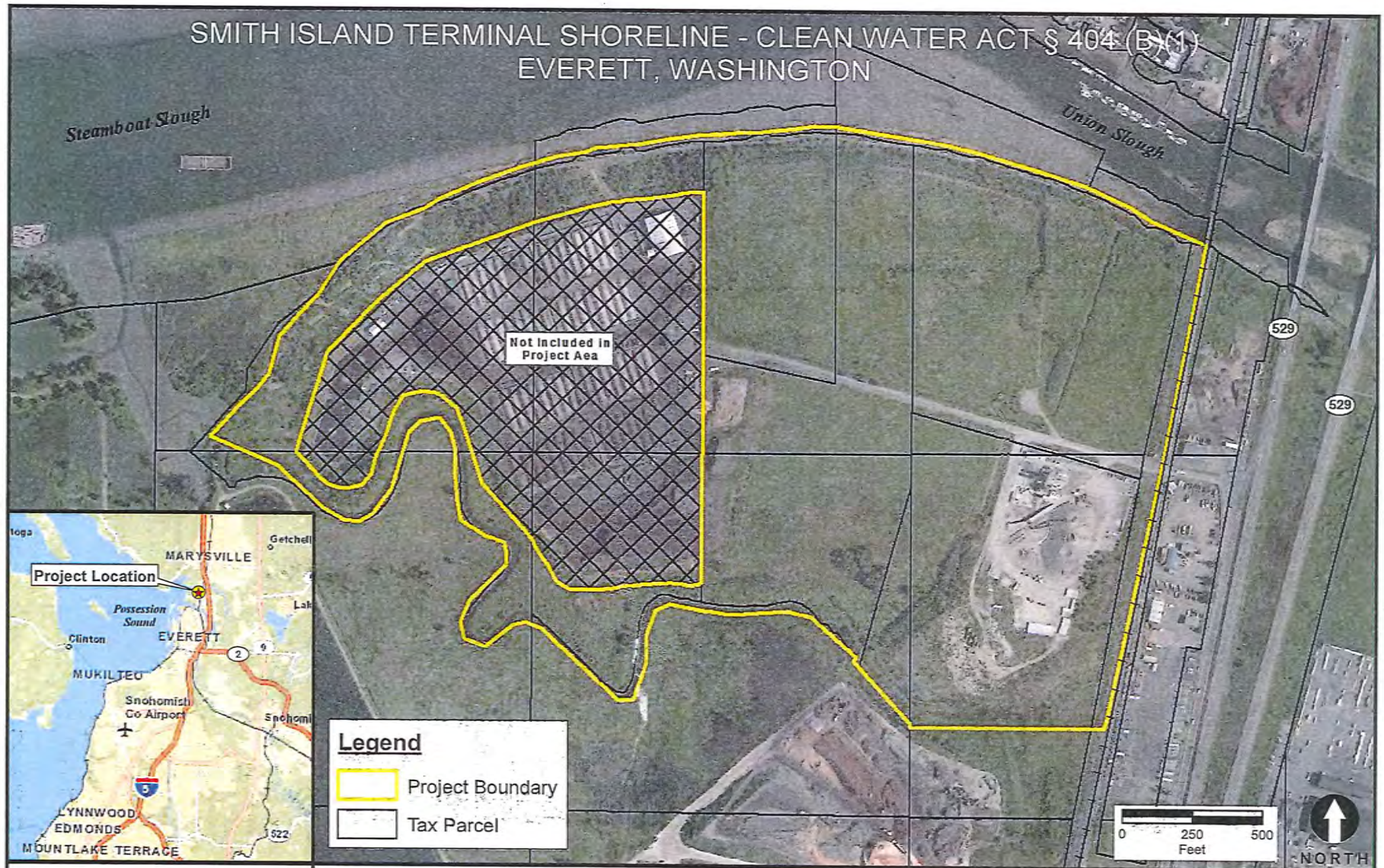


FIGURE 1

VICINITY MAP

REFERENCE: NWS-2013-1077

APPLICANT SMITH ISLAND TERMINAL, LLC

ADJACENT PROPERTY OWNERS:
BRAD RENGEN
PACIFIC TOPSOIL
BURLINGTON NORTHERN SANTA FE RAILROAD
CONCRETE NOR'WEST
WASHINGTON DEPARTMENT OF NATURAL RESOURCES

ADDRESS: 3620 36TH PLACE NE
EVERETT, WASINGTON 98205
LATITUDE: 48° 1' 43.4712"
LONGITUDE: -122° 11' 21.0834"

T 29, R 05, SEC 05 NE & SE 1/4
VERTICAL DATUM: NAVD '88
MHHW EL. = 9.06'

PAGE 1 OF ~~16~~ 15 DATE: ~~MARCH 19, 2015~~ 9/4/15

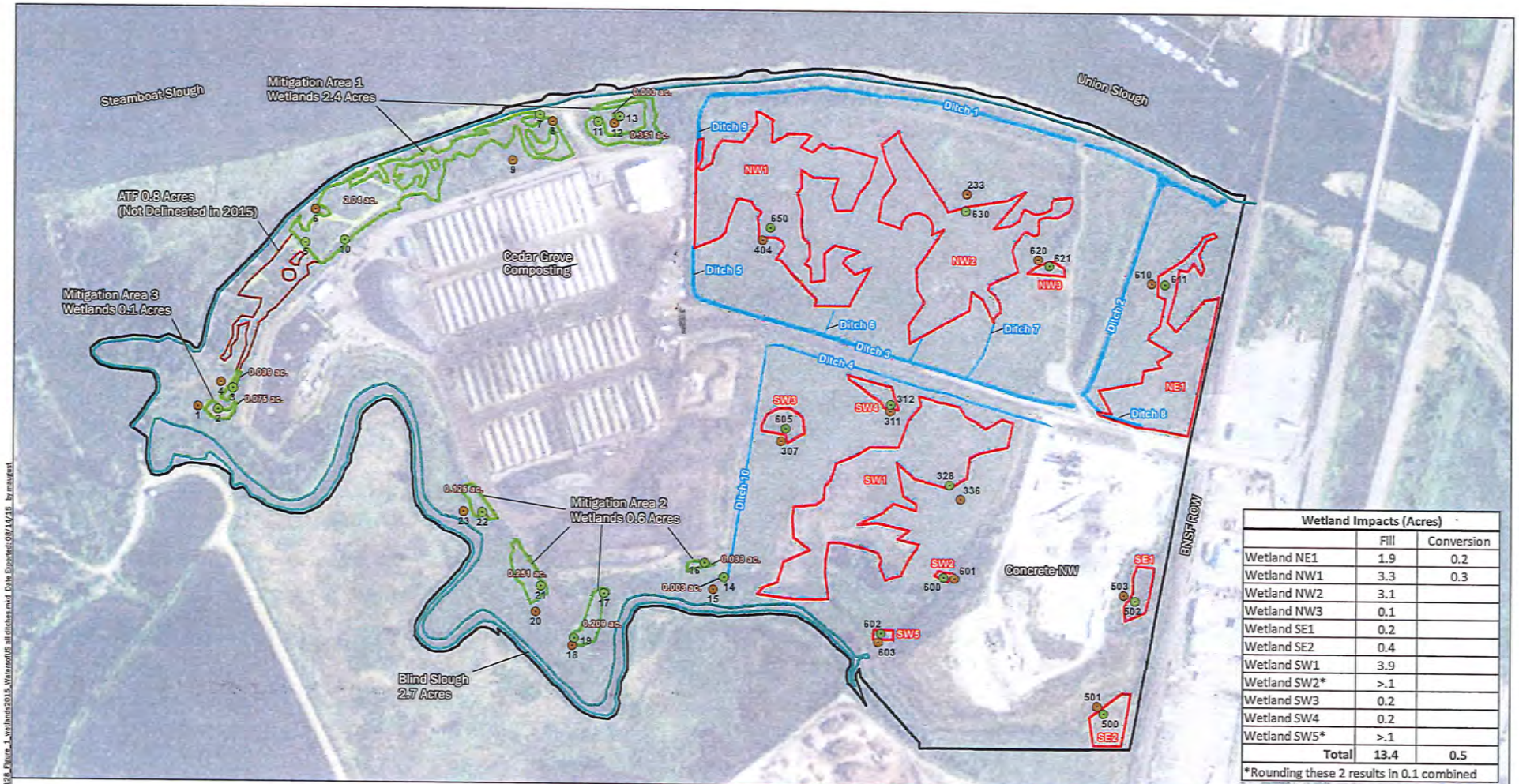
PROPOSED PROJECT:
SMITH ISLAND TERMINAL

IN: UNION SLOUGH

AT: EVERETT

COUNTY: SNOHOMISH

STATE: WASHINGTON



Wetland Impacts (Acres)		
	Fill	Conversion
Wetland NE1	1.9	0.2
Wetland NW1	3.3	0.3
Wetland NW2	3.1	
Wetland NW3	0.1	
Wetland SE1	0.2	
Wetland SE2	0.4	
Wetland SW1	3.9	
Wetland SW2*	>.1	
Wetland SW3	0.2	
Wetland SW4	0.2	
Wetland SW5*	>.1	
Total	13.4	0.5

*Rounding these 2 results in 0.1 combined

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: ESRI Data & Maps

Projection: NAD 1983 StatePlane Washington North FIPS 4601 Feet

Legend

Wetlands Delineated in 2015
2010 JD Boundary (13.82 ac)
Study Area
OHWM
Ditch

Sample Locations
Wetland
Upland

N W E S

300 0 300
Feet

NWS-2013-1077

Smith Island Terminal, LLC -
Waters of the U.S. Inventory

Everett, Washington

GEOENGINEERS

Figure 1

9/4/15

2/16

SMITH ISLAND TERMINAL SHORELINE - CLEAN WATER ACT § 404(B)(1)
EVERETT, WASHINGTON

LEGEND

- EXISTING WETLANDS
- WETLANDS TO BE FILLED
- WETLAND MITIGATION
- WETLAND CONVERSION
- FILL — GRADING FILL LINE
- CUT — GRADING CUT LINE
- SW1 — WETLAND IDENTIFICATION NUMBER
- D1 — DITCH IDENTIFICATION NUMBER

SITE INDEX:

FIGURE 1 VICINITY MAP
FIGURE 2 INDEX SHEET
FIGURE 3 EXISTING CONDITIONS
FIGURE 4 SITE PLAN
FIGURE 5 SITE PLAN
FIGURE 6 SITE PLAN
FIGURE 7 SITE PLAN
FIGURE 8 SITE SECTION
FIGURE 9 SITE SECTION
FIGURE 10 IMPACT SUMMARY
FIGURE 11 MITIGATION SITE PLAN
FIGURE 12 MITIGATION AREA 1
FIGURE 13 MITIGATION AREA 2
FIGURE 14 MITIGATION AREA 3
FIGURE 15 MITIGATION AREA 4
FIGURE 16 MITIGATION PLANT LIST

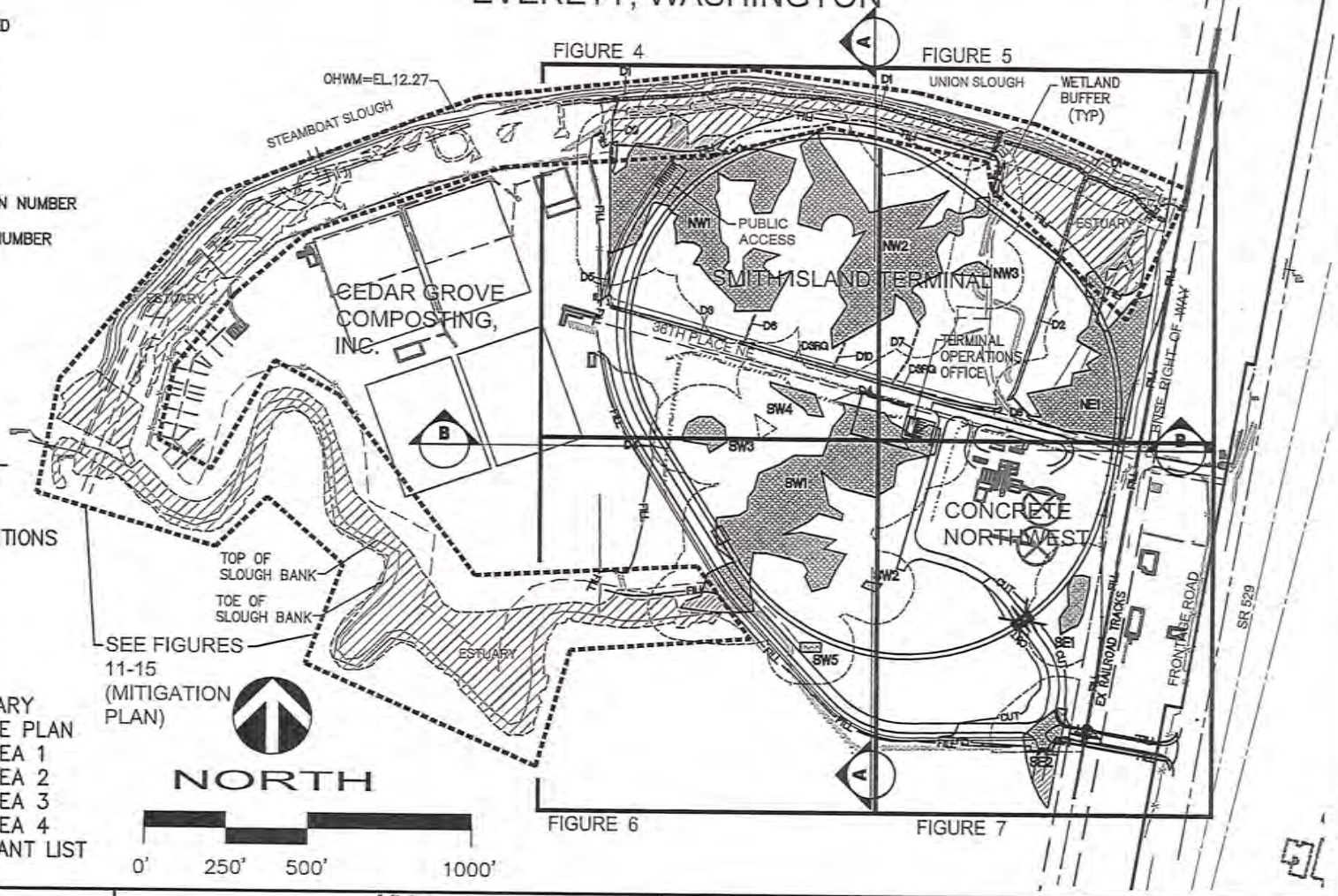
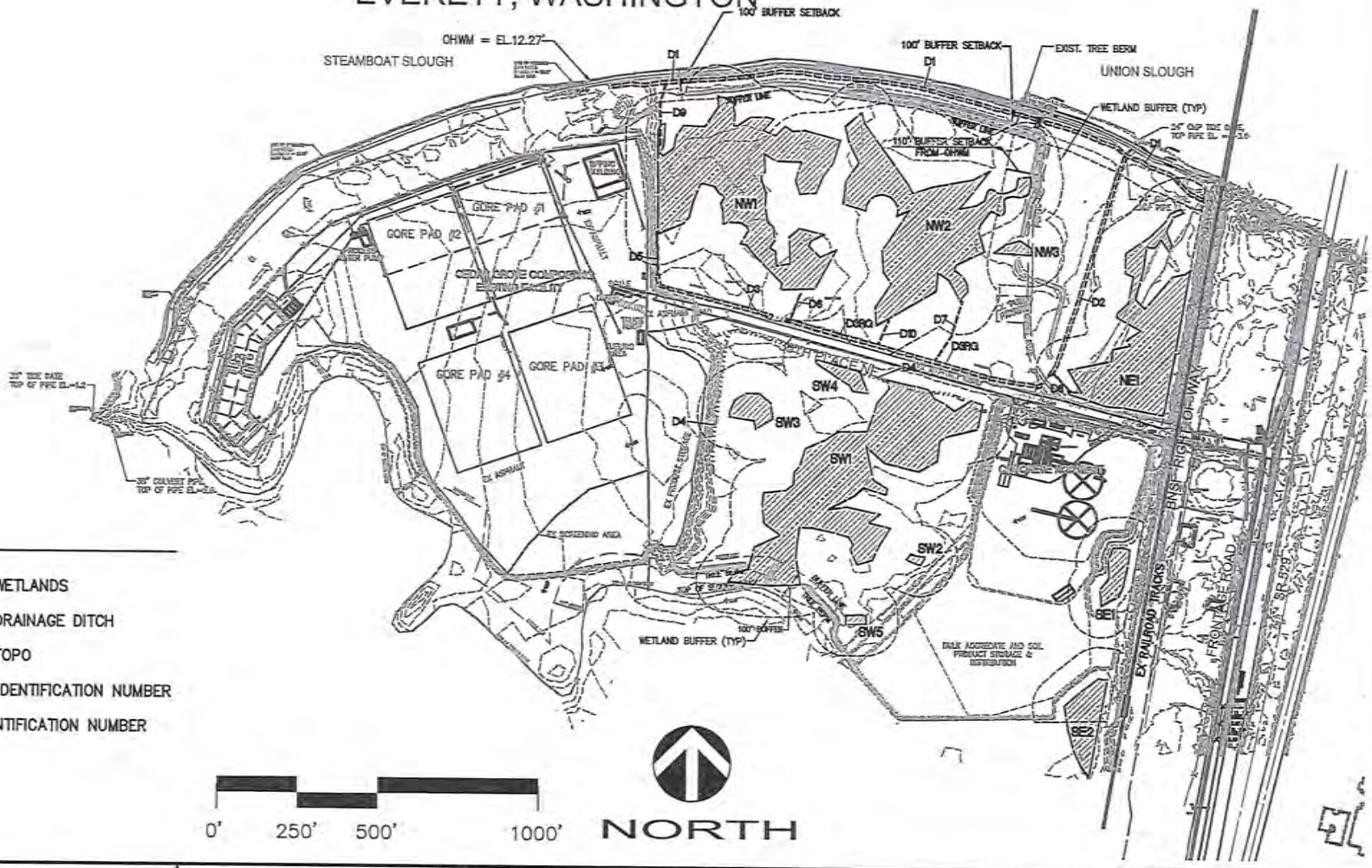


FIGURE 2 SHEET INDEX MAP	REFERENCE: NWS-2013-~~1087~~ 1077 APPLICANT SMITH ISLAND TERMINAL, LLC ADJACENT PROPERTY OWNERS: BRAD RENGEN PACIFIC TOPSOIL BURLINGTON NORTHERN SANTA FE RAILROAD CONCRETE NOR'WEST WASHINGTON DEPARTMENT OF NATURAL RESOURCES	ADDRESS: 3620 36TH PLACE NE EVERETT, WASHINGTON 98205 LATITUDE: 48° 1' 43.4712" LONGITUDE: -122° 11' 21.0834" T 29, R 05, SEC 05 NE & SE 1/4 VERTICAL DATUM: NAVD '88 MHHW EL. = 9.06' PAGE ~~2~~ 3 OF ~~16~~ 15 DATE: ~~MARCH 2015~~ 9/4/15	PROPOSED PROJECT: SMITH ISLAND TERMINAL IN: UNION SLOUGH AT: EVERETT COUNTY: SNOHOMISH STATE: WASHINGTON

SMITH ISLAND TERMINAL SHORELINE - CLEAN WATER ACT § 404(B)(1)
EVERETT, WASHINGTON



LEGEND

- EXISTING WETLANDS
- EXISTING DRAINAGE DITCH
- EXISTING TOPO
- SW1 WETLAND IDENTIFICATION NUMBER
- D1 DITCH IDENTIFICATION NUMBER

FIGURE 3 EXISTING CONDITIONS	REFERENCE: NWS-2013-~~1007~~ 1077 APPLICANT SMITH ISLAND TERMINAL, LLC ADJACENT PROPERTY OWNERS: BRAD RENGEN PACIFIC TOPSOIL BURLINGTON NORTHERN SANTA FE RAILROAD CONCRETE NOR'WEST WASHINGTON DEPARTMENT OF NATURAL RESOURCES	ADDRESS: 3620 36TH PLACE NE EVERETT, WASHINGTON 98205 LATITUDE: 48° 1' 43.4712" LONGITUDE: -122° 11' 21.0834" T 29, R 05, SEC 05 NE & SE 1/4 VERTICAL DATUM: NAVD '88 MHHW EL. = 9.06' PAGE ~~3~~ 7 OF ~~15~~ 15 DATE: ~~MARCH 2015~~ 9/4/15	PROPOSED PROJECT: SMITH ISLAND TERMINAL IN: UNION SLOUGH AT: EVERETT COUNTY: SNOHOMISH STATE: WASHINGTON

SMITH ISLAND TERMINAL SHORELINE - CLEAN WATER ACT § 404(B)(1) EVERETT, WASHINGTON

CONSTRUCTION NOTES

- (2) PROPOSED RAILROAD SIDING LINE (2 TRACKS)
- (4) PROPOSED ACCESS ROAD, FILTER MEDIA STRIP, BIOSWALE & PEDESTRIAN WALKWAY
- (5) FILL ALL OR PORTIONS OF EXISTING WETLANDS AND DITCHES
- (7) BUFFER AREA TO BE SEEDED WITH GRASS
- (8) INSTALL FILTER MEDIA STRIPS ALONG ROADWAY AND TRACKS TO MAINTAIN WATER QUALITY
- (9) PROPOSED PARKING – FILL TO ELEVATION 15.0
- (11) PROPOSED PATH

LEGEND

- EXISTING WETLANDS
- EXISTING DRAINAGE DITCH
- WETLANDS TO BE FILLED
- WETLAND MITIGATION
- WETLAND CONVERSION
- D3 DITCH TO BE FILLED
- D1 DITCH CONVERSION
- EXISTING TOPOGRAPHY
- FILL GRADING FILL LIMITS
- CUT GRADING CUT LIMITS
- SW1 WETLAND IDENTIFICATION NUMBER
- D1 DITCH IDENTIFICATION NUMBER

NORTH

0' 100' 200' 400'

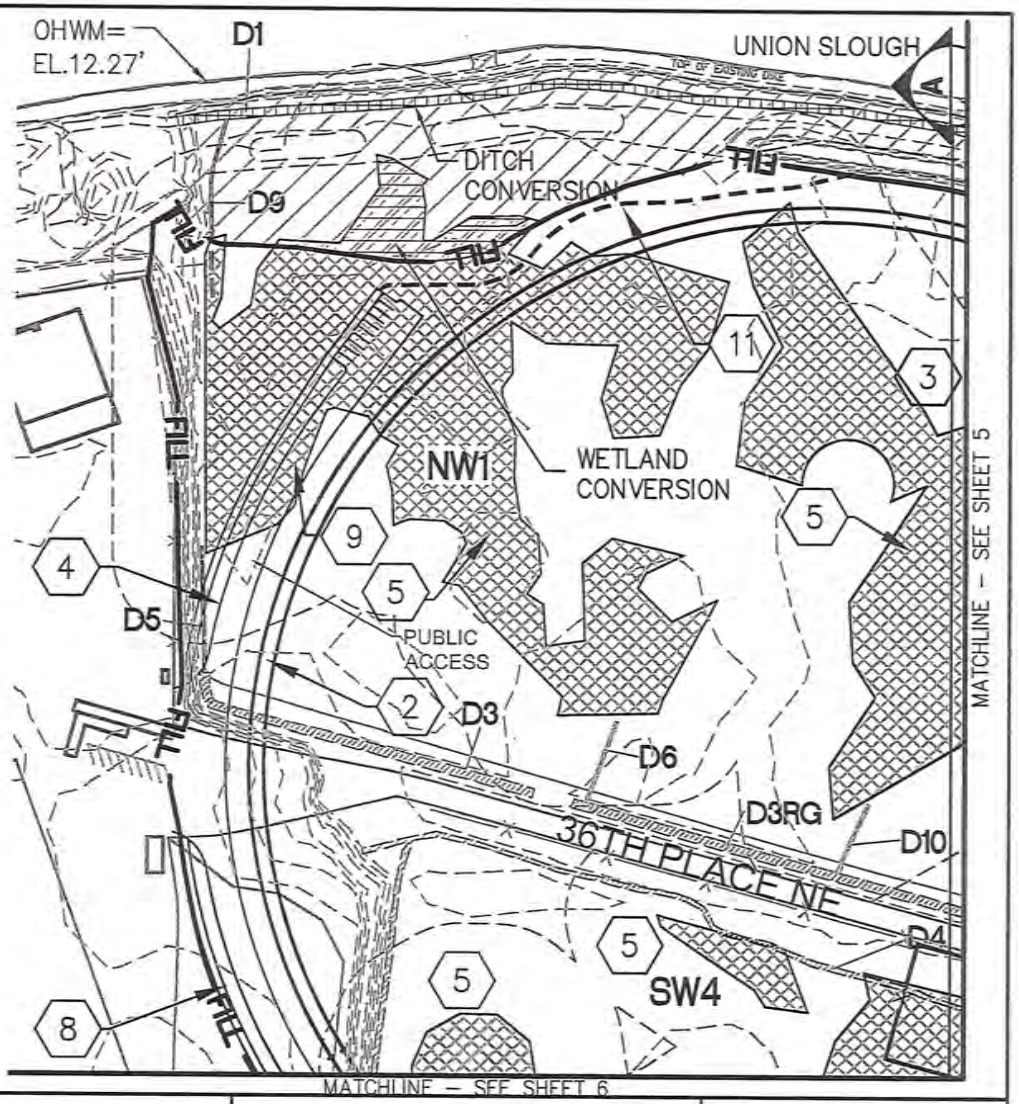


FIGURE 4

SITE PLAN

REFERENCE: NWS-2013-~~1087~~ 1677

APPLICANT SMITH ISLAND TERMINAL, LLC

ADJACENT PROPERTY OWNERS:
BRAD RENGEN
PACIFIC TOPSOIL
BURLINGTON NORTHERN SANTA FE RAILROAD
CONCRETE NOR'WEST
WASHINGTON DEPARTMENT OF NATURAL RESOURCES

ADDRESS: 3620 36TH PLACE NE
EVERETT, WASHINGTON 98205
LATITUDE: 48° 1' 43.4712"
LONGITUDE: –122° 11' 21.0834"

T 29, R 05, SEC 05 NE & SE 1/4

VERTICAL DATUM: NAVD '88
MHHW EL. = 9.06'

PAGE ~~4 OF 16~~ DATE: ~~MARCH 2015~~

PROPOSED PROJECT:
SMITH ISLAND TERMINAL

IN: UNION SLOUGH

AT: EVERETT

COUNTY: SNOHOMISH

STATE: WASHINGTON

5/15 9/4/15

SMITH ISLAND TERMINAL SHORELINE - CLEAN WATER ACT § 404(B)(1) EVERETT, WASHINGTON

CONSTRUCTION NOTES

1. PROPOSED RAILROAD MAIN LINE TURNOUT
2. PROPOSED RAILROAD SIDING LINE (2 TRACKS)
3. PROPOSED RAIL SIDING & PRODUCT HANDLING FILL AREA TO ELEVATION = 16.0
5. FILL ALL OR PORTIONS OF EXISTING WETLANDS AND DITCHES
7. RAIL PRISM TO BE SEEDED WITH GRASS
8. INSTALL FILTER MEDIA STRIPS ALONG ROADWAY AND TRACKS TO MAINTAIN WATER QUALITY
11. PROPOSED PATH

LEGEND

- EXISTING WETLANDS
- EXISTING DRAINAGE DITCH
- WETLANDS TO BE FILLED
- WETLAND MITIGATION
- WETLAND CONVERSION
- D3 DITCH TO BE FILLED
- D1 DITCH CONVERSION
- EXISTING TOPO
- FILL GRADING FILL LIMITS
- CUT GRADING CUT LIMITS
- SW1 WETLAND IDENTIFICATION NUMBER
- DITCH IDENTIFICATION NUMBER

NORTH

0' 100' 200' 400'

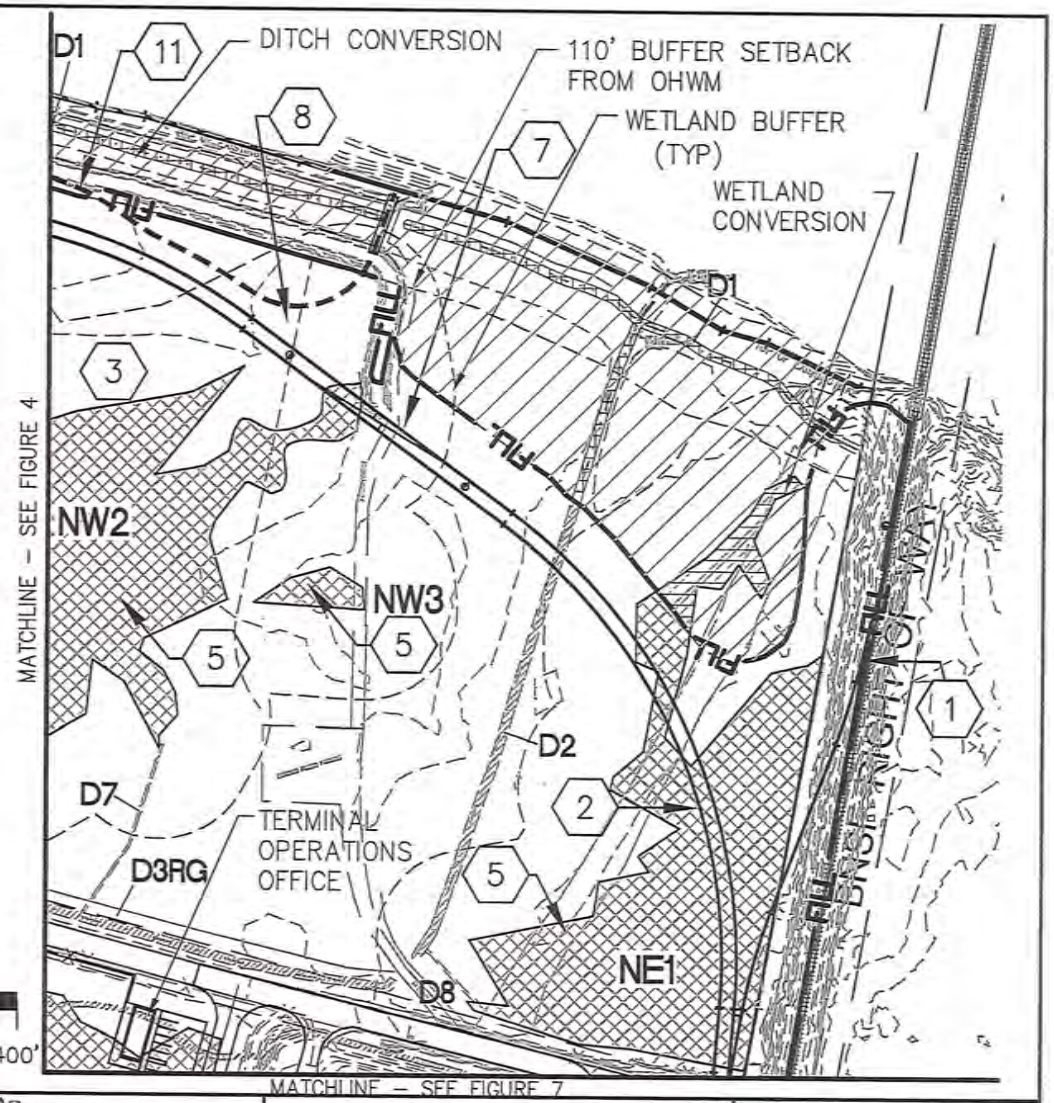


FIGURE 5

SITE PLAN

REFERENCE: NWS-2013-~~1067~~ 1077

APPLICANT SMITH ISLAND TERMINAL, LLC

ADJACENT PROPERTY OWNERS:
BRAD RENGEN
PACIFIC TOPSOIL
BURLINGTON NORTHERN SANTA FE RAILROAD
CONCRETE NOR'WEST
WASHINGTON DEPARTMENT OF NATURAL RESOURCES

ADDRESS: 3620 36TH PLACE NE
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LONGITUDE: -122° 11' 21.0834"

T 29, R 05, SEC 05 NE & SE 1/4

VERTICAL DATUM: NAVD '88
MHHW EL. = 9.06'

PAGE ~~5 OF 16~~ DATE: ~~MARCH 2015~~ 9/4/15

PROPOSED PROJECT:
SMITH ISLAND TERMINAL

IN: UNION SLOUGH

AT: EVERETT

COUNTY: SNOHOMISH

STATE: WASHINGTON

6/15

SMITH ISLAND TERMINAL SHORELINE - CLEAN WATER ACT § 404(B)(1) EVERETT, WASHINGTON

CONSTRUCTION NOTES

- (2) PROPOSED RAILROAD SIDING LINE (2 TRACKS).
- (3) PROPOSED RAIL SIDING & PRODUCT HANDLING FILL AREA TO ELEVATION = 16.0
- (4) PROPOSED ACCESS ROAD, FILTER MEDIA STRIP, BIOSWALE & PEDESTRIAN WALKWAY
- (5) FILL ALL OR PORTIONS OF EXISTING WETLANDS AND DITCHES.
- (8) INSTALL FILTER MEDIA STRIPS ALONG ROADWAY AND TRACKS TO MAINTAIN WATER QUALITY.
- (10) STAGING AND LANDING AREA

LEGEND

- EXISTING WETLANDS
- EXISTING DRAINAGE DITCH
- WETLANDS TO BE FILLED
- WETLAND MITIGATION
- WETLAND CONVERSION
- D3 DITCH TO BE FILLED
- D1 DITCH CONVERSION
- EXISTING TOPO
- FILL GRADING FILL LIMITS
- CUT GRADING CUT LIMITS

SW1 WETLAND IDENTIFICATION NUMBER

D1 DITCH IDENTIFICATION NUMBER

NORTH

0' 100' 200' 400'

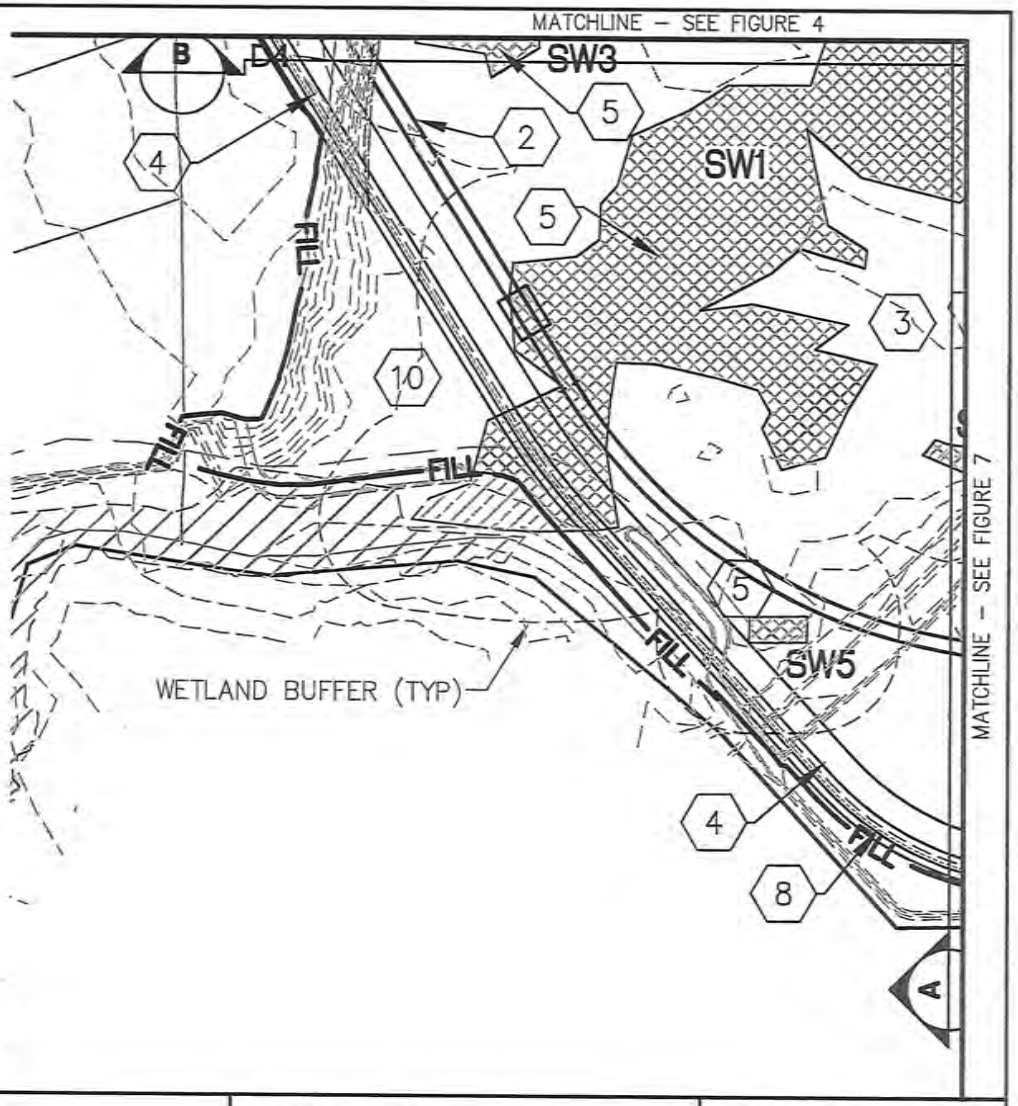

FIGURE 6

SITE PLAN

REFERENCE: NWS-2013-~~1007~~ 1077

APPLICANT SMITH ISLAND TERMINAL, LLC

ADJACENT PROPERTY OWNERS:
BRAD RENGEN
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PAGE ~~6 OF 16~~ DATE: ~~MARCH 2015~~ 9/4/15

PROPOSED PROJECT:
SMITH ISLAND TERMINAL

IN: UNION SLOUGH

AT: EVERETT

COUNTY: SNOHOMISH

STATE: WASHINGTON

7/15

SMITH ISLAND TERMINAL SHORELINE - CLEAN WATER ACT § 404(B)(1) EVERETT, WASHINGTON

CONSTRUCTION NOTES

1. PROPOSED RAILROAD MAIN LINE TURNOUT.
2. PROPOSED RAILROAD SIDING LINE (2 TRACKS).
4. PROPOSED ACCESS ROAD, FILTER MEDIA STRIP, BIOSWALE & PEDESTRIAN WALKWAY
5. FILL ALL OR PORTIONS OF EXISTING WETLANDS AND DITCHES.
6. PROPOSED ACCESS ROAD UNDERPASS

LEGEND

- EXISTING WETLANDS
- EXISTING DRAINAGE DITCH
- WETLANDS TO BE FILLED
- WETLAND MITIGATION
- WETLAND CONVERSION
- D3 DITCH TO BE FILLED
- D1 DITCH CONVERSION
- EXISTING TOPO
- FILL GRADING FILL LIMITS
- CUT GRADING CUT LIMITS
- SW1 WETLAND IDENTIFICATION NUMBER
- D1 DITCH IDENTIFICATION NUMBER

NORTH

0' 100' 200' 400'

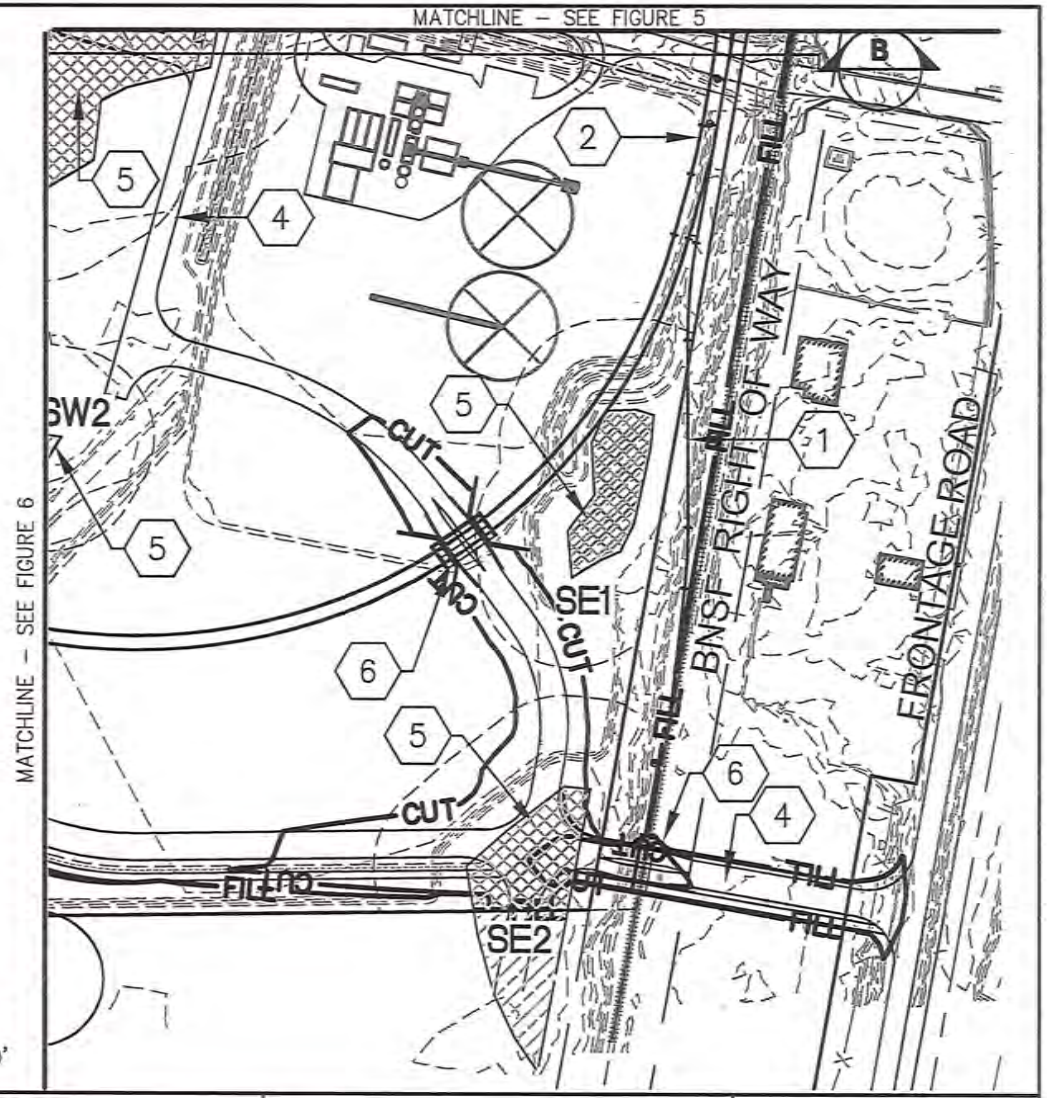

FIGURE 7

SITE PLAN

REFERENCE: NWS-2013-~~1097~~ 1277

APPLICANT SMITH ISLAND TERMINAL, LLC

ADJACENT PROPERTY OWNERS:
BRAD RENGEN
PACIFIC TOPSOIL
BURLINGTON NORTHERN SANTA FE RAILROAD
CONCRETE NOR'WEST
WASHINGTON DEPARTMENT OF NATURAL RESOURCES

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EVERETT, WASHINGTON 98205
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LONGITUDE: -122° 11' 21.0834"

T 29, R 05, SEC 05 NE & SE 1/4

VERTICAL DATUM: NAVD '88
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9/4/15

PAGE 7 OF 16 DATE: ~~MARCH 2015~~

PROPOSED PROJECT:
SMITH ISLAND TERMINAL

IN: UNION SLOUGH

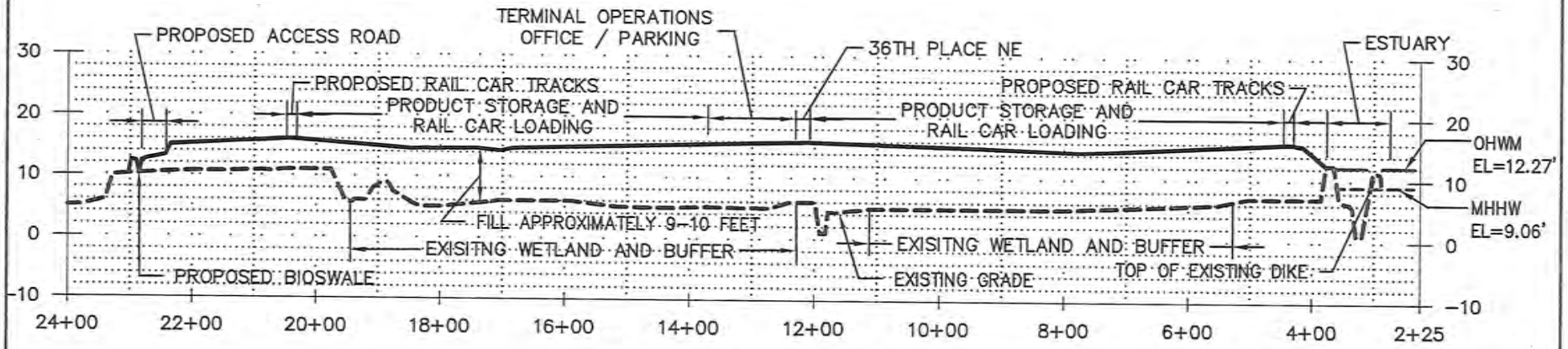
AT: EVERETT

COUNTY: SNOHOMISH

STATE: WASHINGTON

8/15

SMITH ISLAND TERMINAL SHORELINE - CLEAN WATER ACT § 404(B)(1)
EVERETT, WASHINGTON



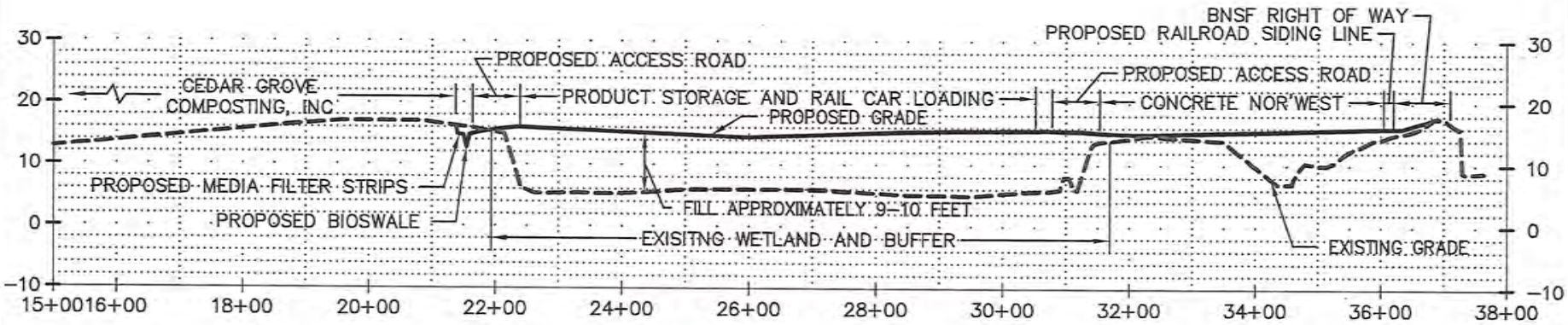
SCALE: H: 1"=250' V: 1"= 25'

SITE SECTION: NORTH-SOUTH A-A

FIGURE 8 SITE SECTION	REFERENCE: NWS-2013-~~1087~~ 1677 APPLICANT SMITH ISLAND TERMINAL, LLC ADJACENT PROPERTY OWNERS: BRAD RENGEN PACIFIC TOPSOIL BURLINGTON NORTHERN SANTA FE RAILROAD CONCRETE NOR'WEST WASHINGTON DEPARTMENT OF NATURAL RESOURCES	ADDRESS: 3620 36TH PLACE NE EVERETT, WASHINGTON 98205 LATITUDE: 48° 1' 43.4712" LONGITUDE: -122° 11' 21.0834" T 29, R 05, SEC 05 NE & SE 1/4 VERTICAL DATUM: NAVD '88 MHHW EL. = 9.06' 9/4/15 PAGE ~~8 OF 16~~ DATE: ~~MARCH 2015~~	PROPOSED PROJECT: SMITH ISLAND TERMINAL IN: UNION SLOUGH AT: EVERETT COUNTY: SNOHOMISH STATE: WASHINGTON

9/15

SMITH ISLAND TERMINAL SHORELINE - CLEAN WATER ACT § 404(B)(1)
EVERETT, WASHINGTON



SCALE: H: 1"=250' V: 1"= 25'

SITE SECTION: EAST-WEST B-B

FIGURE 9 SITE SECTION	REFERENCE: NWS-2013-~~1007~~ 1677 APPLICANT SMITH ISLAND TERMINAL, LLC ADJACENT PROPERTY OWNERS: BRAD RENGEN PACIFIC TOPSOIL BURLINGTON NORTHERN SANTA FE RAILROAD CONCRETE NOR'WEST WASHINGTON DEPARTMENT OF NATURAL RESOURCES	ADDRESS: 3620 36TH PLACE NE EVERETT, WASHINGTON 98205 LATITUDE: 48° 1' 43.4712" LONGITUDE: -122° 11' 21.0834" T 29, R 05, SEC 05 NE & SE 1/4 VERTICAL DATUM: NAVD '88 MHHW EL. = 9.06' PAGE 9 OF 16 DATE: ~~MARCH 2015~~ 9/4/15	PROPOSED PROJECT: SMITH ISLAND TERMINAL IN: UNION SLOUGH AT: EVERETT COUNTY: SNOHOMISH STATE: WASHINGTON

10/15

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
3. Tidegate to be set to allow tidal influence up to approximately 6 feet NAVD88. Final elevations to be determined during final design.

Reference: Images provided by ESRI Mapping Services.

N W E S

250 0 250
Feet

Mitigation Site Plan

Smith Island Terminal
Everett, Washington

GEOENGINEERS

FIGURE 11

MITIGATION SITE PLAN

REFERENCE: NWS-2013-1077

APPLICANT SMITH ISLAND TERMINAL, LLC

ADJACENT PROPERTY OWNERS:
BRAD RENGEN
PACIFIC TOPSOIL
BURLINGTON NORTHERN SANTA FE RAILROAD
CONCRETE NOR'WEST
WASHINGTON DEPARTMENT OF NATURAL RESOURCES

ADDRESS: 3620 36TH PLACE NE
EVERETT, WASHINGTON 98205
LATITUDE: 48° 1' 43.4712"
LONGITUDE: –122° 11' 21.0834"

T 29, R 05, SEC 05 NE & SE 1/4

VERTICAL DATUM: NAVD '88
MHHW EL. = 9.06'

9/4/15

PAGE 11 OF ~~16~~ DATE: ~~MARCH 2015~~

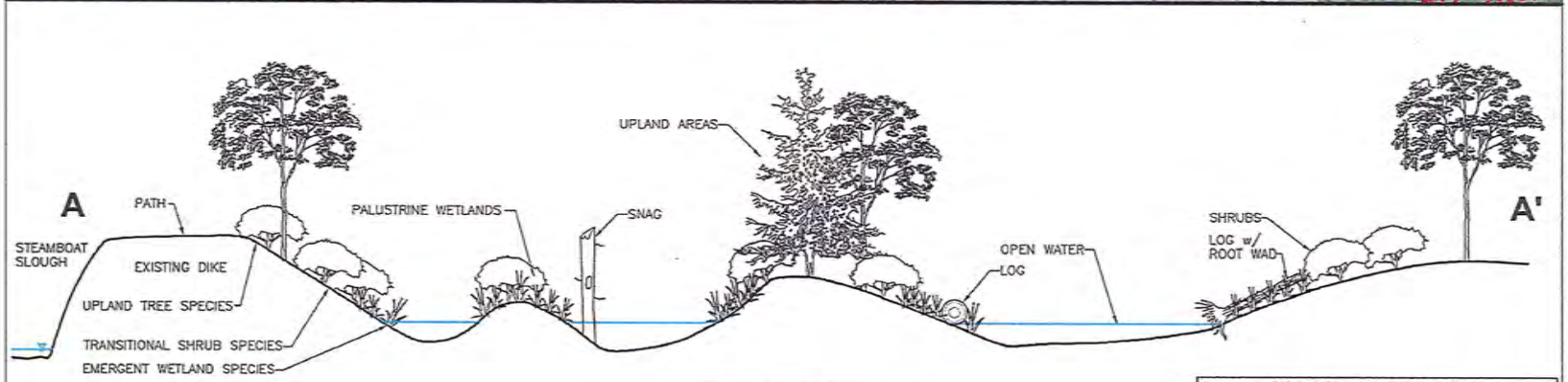
PROPOSED PROJECT:
SMITH ISLAND TERMINAL

IN: UNION SLOUGH

AT: EVERETT

COUNTY: SNOHOMISH

STATE: WASHINGTON



TYPICAL CROSS SECTION
NOT TO SCALE

Notes:
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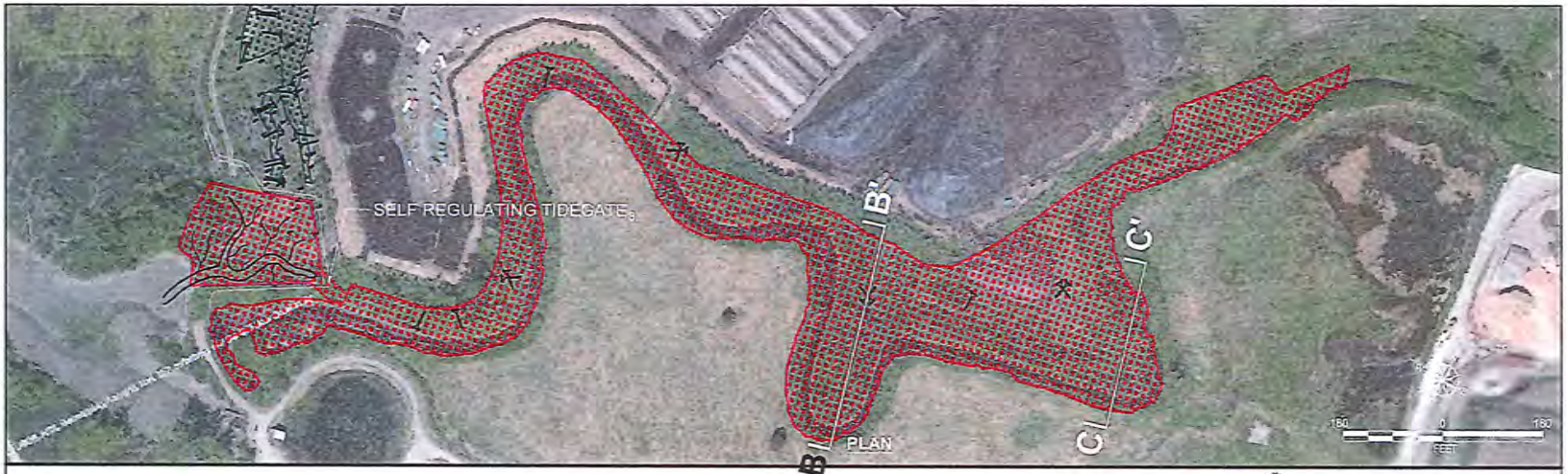
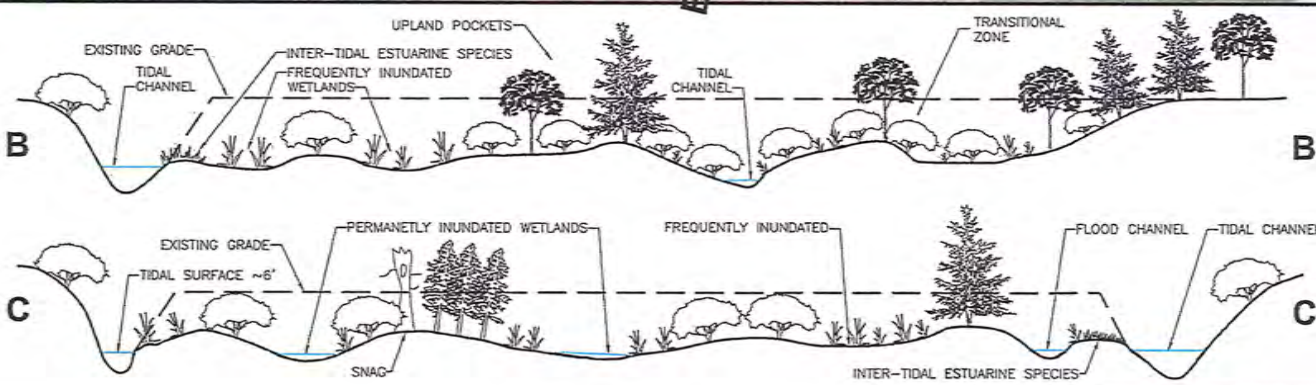
Reference: Images provided by ESRI Mapping Services.

Mitigation Area 1 Site Plan and Typical Cross Section
Smith Island Terminal
Everett, Washington
GEOENGINEERS

FIGURE 12 MITIGATION AREA 1 SITE PLAN AND TYPICAL CROSS SECTION	REFERENCE: NWS-2013-1077 APPLICANT SMITH ISLAND TERMINAL, LLC ADJACENT PROPERTY OWNERS: BRAD RENGEN PACIFIC TOPSOIL BURLINGTON NORTHERN SANTA FE RAILROAD CONCRETE NOR'WEST WASHINGTON DEPARTMENT OF NATURAL RESOURCES	ADDRESS: 3620 36TH PLACE NE EVERETT, WASHINGTON 98205 LATITUDE: 48° 1' 43.4712" LONGITUDE: −122° 11' 21.0834" T 29, R 05, SEC 05 NE & SE 1/4 VERTICAL DATUM: NAVD '88 MHHW EL. = 9.06' PAGE 12 OF ~~16~~ DATE: ~~MARCH 2015~~ 9/4/15	PROPOSED PROJECT: SMITH ISLAND TERMINAL IN: UNION SLOUGH AT: EVERETT COUNTY: SNOHOMISH STATE: WASHINGTON





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Reference: Images provided by ESRI Mapping Services.

TYPICAL CROSS SECTION
NOT TO SCALE

Mitigation Area 2 Site Plan and Typical Cross Sections
Smith Island Terminal
Everett, Washington
GEOENGINEERS

FIGURE 13

MITIGATION AREA 2
SITE PLAN AND TYPICAL
CROSS SECTION

REFERENCE: NWS-2013-1077

APPLICANT SMITH ISLAND TERMINAL, LLC

ADJACENT PROPERTY OWNERS:
BRAD RENGEN
PACIFIC TOPSOIL
BURLINGTON NORTHERN SANTA FE RAILROAD
CONCRETE NOR'WEST
WASHINGTON DEPARTMENT OF NATURAL RESOURCES

ADDRESS: 3620 36TH PLACE NE
EVERETT, WASHINGTON 98205
LATITUDE: 48° 1' 43.4712"
LONGITUDE: -122° 11' 21.0834"

T 29, R 05, SEC 05 NE & SE 1/4

VERTICAL DATUM: NAVD '88
MHHW EL. = 9.06'

PAGE 13 OF ~~16~~ 15 DATE: ~~MARCH 2015~~ 9/4/15

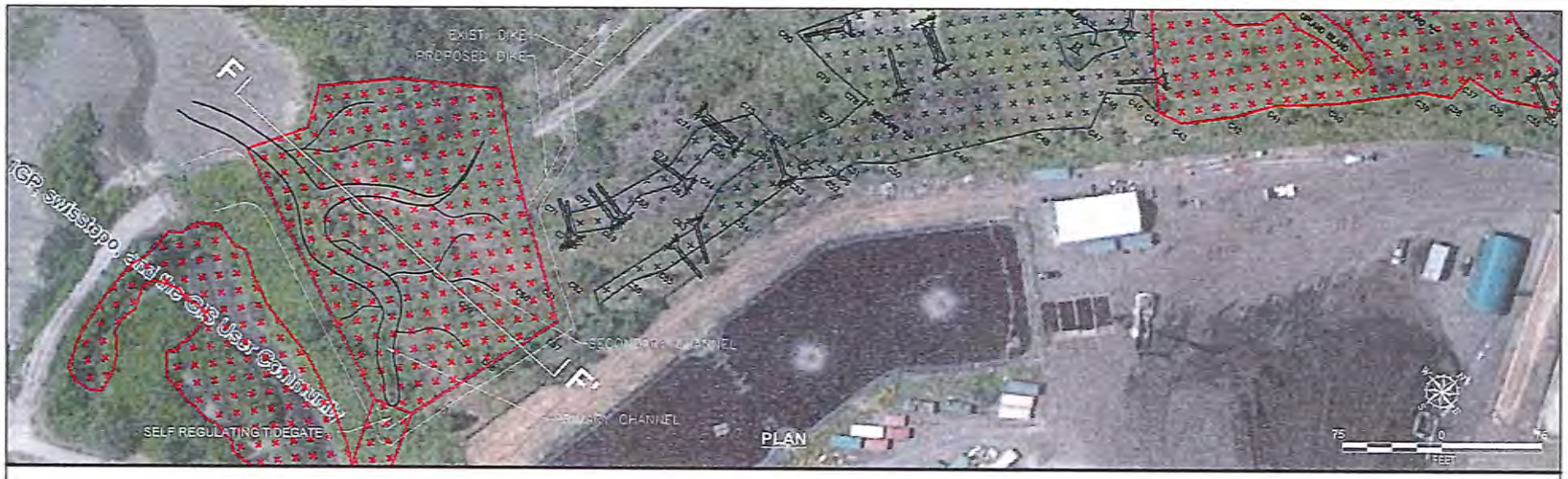
PROPOSED PROJECT:
SMITH ISLAND TERMINAL

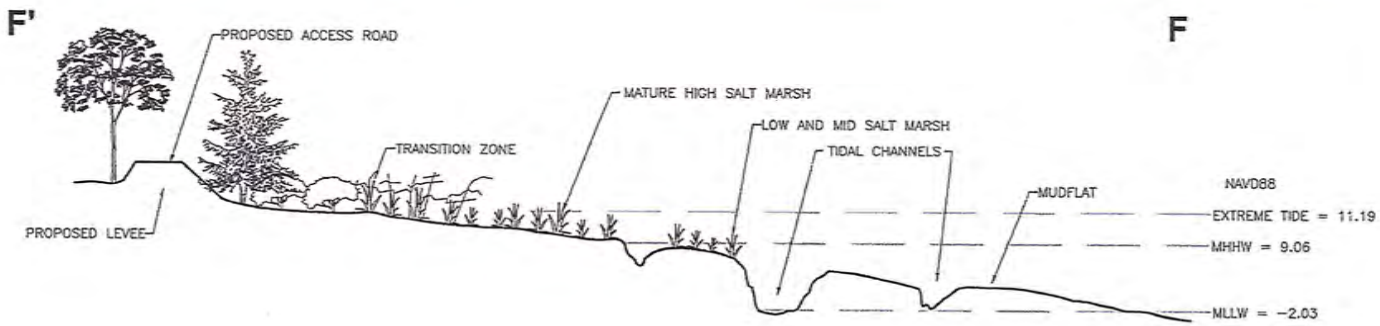
IN: UNION SLOUGH

AT: EVERETT

COUNTY: SNOHOMISH

STATE: WASHINGTON





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3. Tidegate to be set to allow tidal influence up to approximately 6 feet NAVD88. Final elevations to be determined during final design.

Reference: Images provided by ESRI Mapping Services.

TYPICAL CROSS SECTION
NOT TO SCALE

Mitigation Area 3 Site Plan and Typical Cross Section
Smith Island Terminal
Everett, Washington
GEOENGINEERS

FIGURE 14

MITIGATION AREA 3
SITE PLAN AND TYPICAL
CROSS SECTION

REFERENCE: NWS-2013-1077

APPLICANT SMITH ISLAND TERMINAL, LLC

ADJACENT PROPERTY OWNERS:
BRAD RENGEN
PACIFIC TOPSOIL
BURLINGTON NORTHERN SANTA FE RAILROAD
CONCRETE NOR'WEST
WASHINGTON DEPARTMENT OF NATURAL RESOURCES

ADDRESS: 3620 36TH PLACE NE
EVERETT, WASHINGTON 98205
LATITUDE: 48° 1' 43.4712"
LONGITUDE: −122° 11' 21.0834"

T 29, R 05, SEC 05 NE & SE 1/4

VERTICAL DATUM: NAVD '88
MHHW EL. = 9.06'

9/4/15

PAGE 14 OF ~~16~~ DATE: ~~MARCH 2015~~

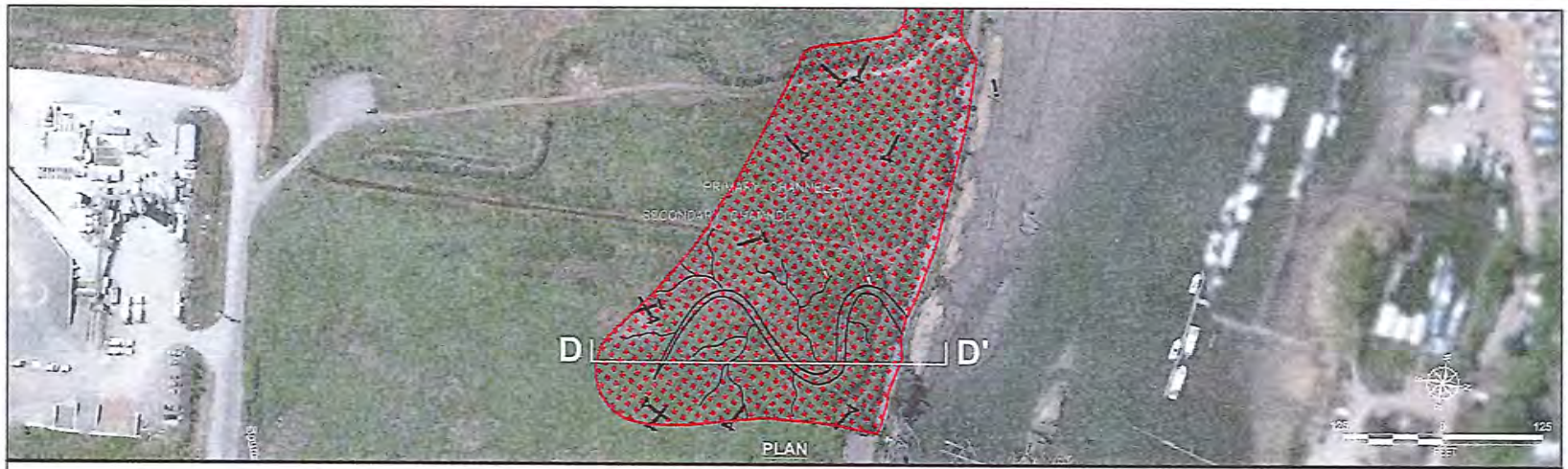
PROPOSED PROJECT:
SMITH ISLAND TERMINAL

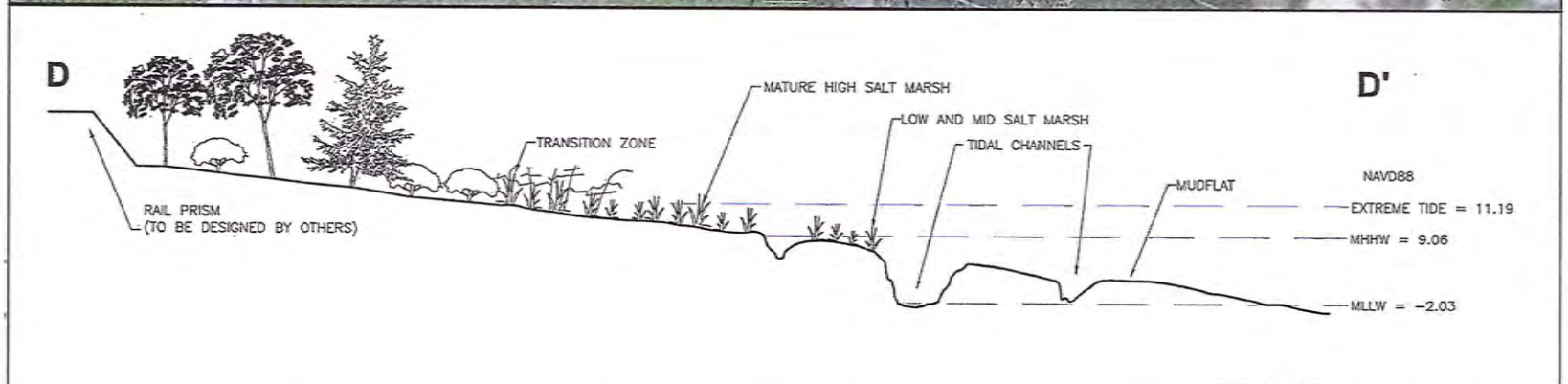
IN: UNION SLOUGH

AT: EVERETT

COUNTY: SNOHOMISH

STATE: WASHINGTON





TYPICAL CROSS SECTION
NOT TO SCALE

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Reference: Images provided by ESRI Mapping Services.

Mitigation Area 4 Site Plan and Typical Cross Section
Smith Island Rail Terminal Everett, Washington
GEOENGINEERS

FIGURE 15 MITIGATION AREA 4 SITE PLAN AND TYPICAL CROSS SECTION	REFERENCE: NWS-2013-1077 APPLICANT SMITH ISLAND TERMINAL, LLC ADJACENT PROPERTY OWNERS: BRAD RENGEN PACIFIC TOPSOIL BURLINGTON NORTHERN SANTA FE RAILROAD CONCRETE NOR'WEST WASHINGTON DEPARTMENT OF NATURAL RESOURCES	ADDRESS: 3620 36TH PLACE NE EVERETT, WASHINGTON 98205 LATITUDE: 48° 1' 43.4712" LONGITUDE: -122° 11' 21.0834" T 29, R 05, SEC 05 NE & SE 1/4 VERTICAL DATUM: NAVD '88 MHHW EL. = 9.06' 9/4/15 PAGE 15 OF ~~16~~ DATE: MARCH 2015	PROPOSED PROJECT: SMITH ISLAND TERMINAL IN: UNION SLOUGH AT: EVERETT COUNTY: SNOHOMISH STATE: WASHINGTON