

0 200 400
Scale in Feet

VERTICAL DATUM:

ELEVATION DATUM FOR THIS PROJECT IS 0.0' MEAN LOWER LOW WATER (MLLW)

BASED ON NOAA'S PUBLICATION SHEET (WASHINGTON 944-7659), DATED 05-27-2003, THE RELATIONSHIP BETWEEN NGVD 29 AND MLLW DATUM FOR EVERETT, POSSESSION SOUND, FOR THE TIDAL EPOCH 1983-2001 IS AS FOLLOWS:

MEAN HIGHER HIGH WATER (MHHW) = +11.09
MEAN HIGH WATER (MHW) = +10.21
MEAN LOW WATER (MLW) = +2.80
NAVD 1988 = +2.03
MEAN LOWER LOW WATER (MLLW) = 0.0
EXTREME LOW WATER = -4.5

PURPOSE:
MARINA MAINTENANCE DREDGING

DATUM: MLLW= 0.0'

TOWNSHIP/RANGE: SEC 18 TWP 29N RGE 5E

ADJACENT PROPERTY OWNERS:

- WASHINGTON DEPARTMENT OF NATURAL RESOURCES

**PORT OF EVERETT
NORTH MARINA
MAINTENANCE DREDGING**

**PORT OF EVERETT
1205 CRAFTSMAN WAY, SUITE 200
EVERETT, WASHINGTON 98021**

PROJECT VICINITY

IN: PORT OF EVERETT NORTH MARINA,
PORT GARDNER; ADJACENT TO THE
SNOHOMISH RIVER CHANNEL

AT: PORT OF EVERETT

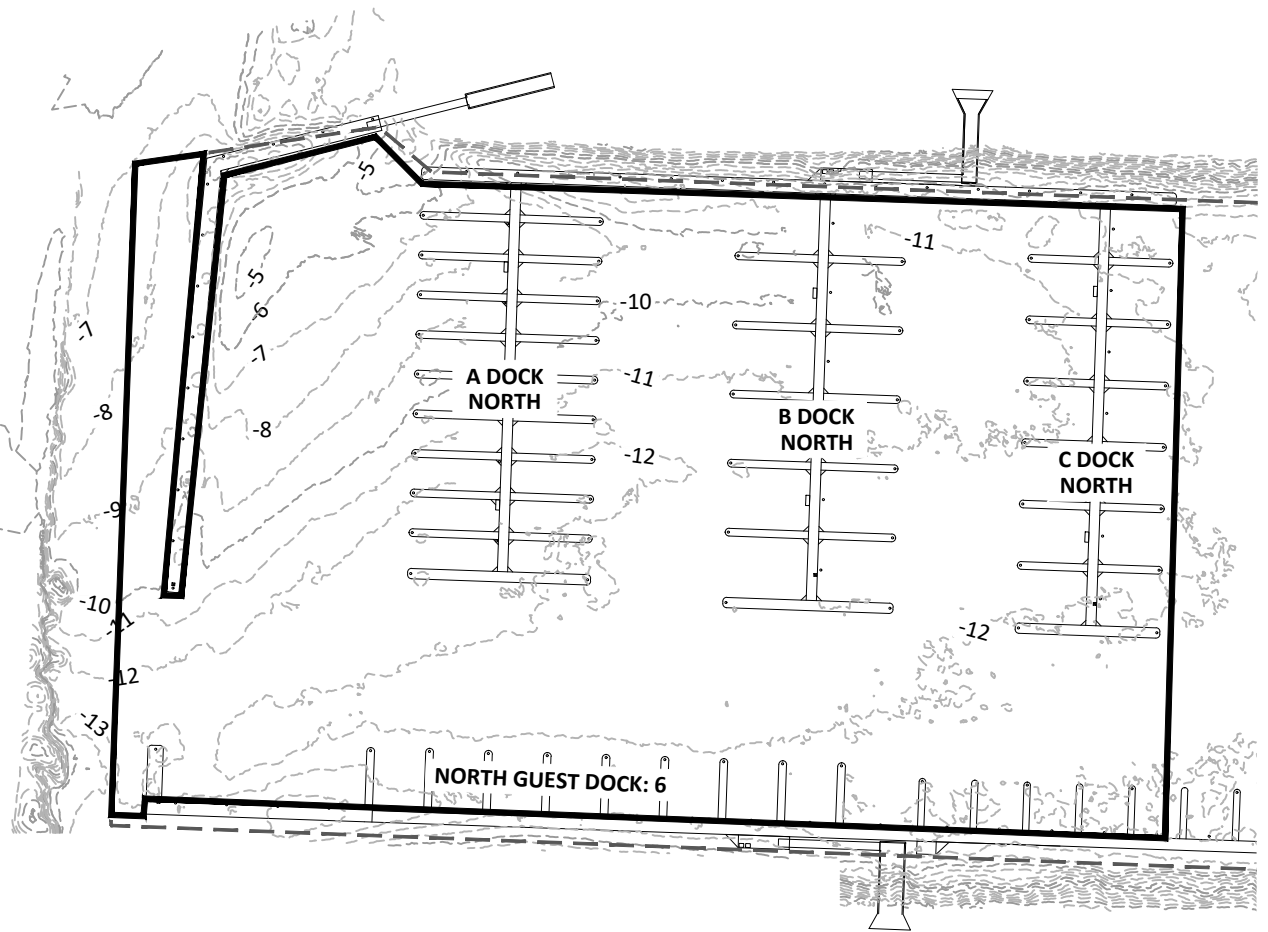
COUNTY OF: SNOHOMISH

STATE OF: WASHINGTON

APPLICATION BY: PORT OF EVERETT

DATE: MAY 2021

SHEET: 1 OF 7



NOTES:

1. PRIOR TO DREDGING, VESSELS WILL BE REMOVED FROM AREA. VESSELS WILL BE RETURNED AFTER DREDGING IS COMPLETE.
2. EXISTING BATHYMETRIC SURVEY WAS COMPLETED BY PACIFIC GEOMATIC SERVICES, INC., AND OCCURRED ON JUNE 3RD AND SEPTEMBER 30TH, 2020
3. HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83). STATE PLANE COORDINATE SYSTEM (SPCS). WASHINGTON NORTH ZONE.

LEGEND

- DREDGING LIMIT
 - LIMITS OF PREVIOUS DREDGING (2005)
 - EXISTING BATHYMETRIC CONTOUR
 - FLOATING DOCK
- 0 150 300
Scale in Feet

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EXISTING CONDITIONS

IN: PORT OF EVERETT NORTH MARINA,
PORT GARDNER; ADJACENT TO THE
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AT: PORT OF EVERETT

COUNTY OF: SNOHOMISH

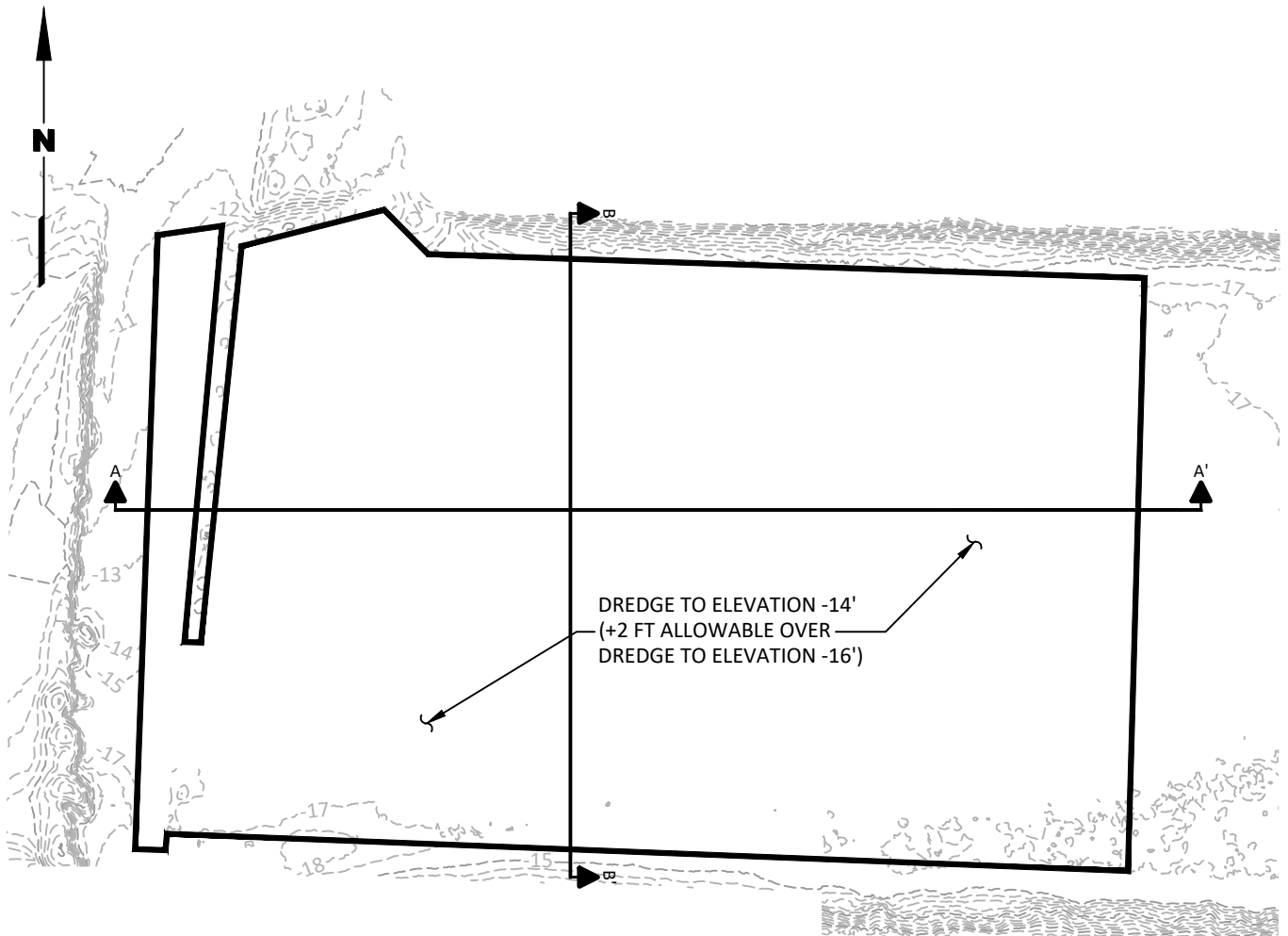
STATE OF: WASHINGTON

APPLICATION BY: PORT OF EVERETT





DATE: MAY 2021

SHEET: 2 OF 7

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LEGEND

-  DREDGING LIMIT 
-  EXISTING BATHYMETRIC CONTOUR
-  CROSS-SECTION

TOTAL DREDGE AREA = 400,520 SQUARE FEET
TOTAL DREDGE VOLUME = 103,675 CUBIC YARDS

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MAINTENANCE DREDGING

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1205 CRAFTSMAN WAY, SUITE 200
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PROPOSED DREDGING

IN: PORT OF EVERETT NORTH MARINA,
PORT GARDNER; ADJACENT TO THE
SNOHOMISH RIVER CHANNEL

AT: PORT OF EVERETT

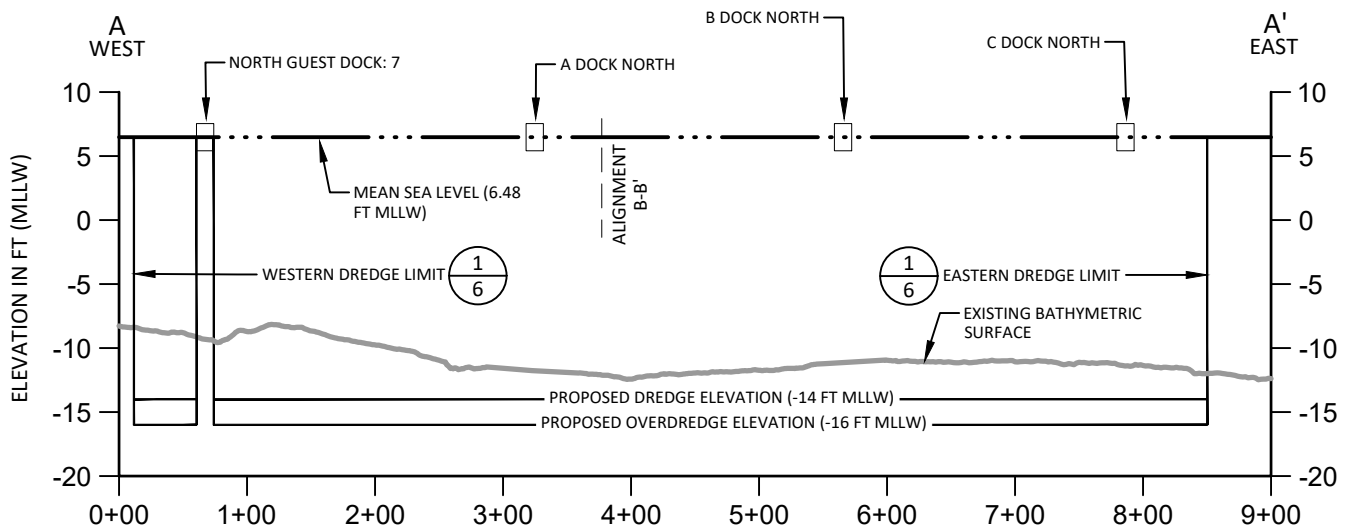
COUNTY OF: SNOHOMISH

STATE OF: WASHINGTON

APPLICATION BY: PORT OF EVERETT

DATE: MAY 2021

SHEET: 3 OF 7



Profile View: Alignment A-A'

Horizontal Scale in Feet: 1"=150'

Vertical Scale in Feet: 1" = 15'



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PURPOSE:
MARINA MAINTENANCE DREDGING

DATUM: MLLW= 0.0'

TOWNSHIP/RANGE: SEC 18 TWP 29N RGE 5E

ADJACENT PROPERTY OWNERS:

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PORT OF EVERETT
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CROSS SECTION A-A'

IN: PORT OF EVERETT NORTH MARINA,
PORT GARDNER; ADJACENT TO THE
SNOHOMISH RIVER CHANNEL

AT: PORT OF EVERETT

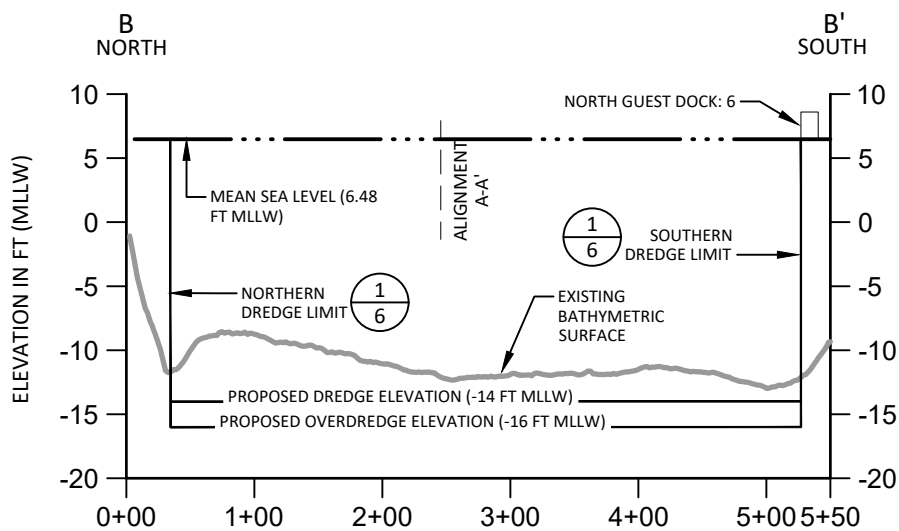
COUNTY OF: SNOHOMISH

STATE OF: WASHINGTON

APPLICATION BY: PORT OF EVERETT

DATE: MAY 2021

SHEET: 4 OF 7



Profile View: Alignment B-B'

Horizontal Scale in Feet: 1"=150'

Vertical Scale in Feet: 1" = 15'



PURPOSE:
MARINA MAINTENANCE DREDGING

DATUM: MLLW= 0.0'

TOWNSHIP/RANGE: SEC 18 TWP 29N RGE 5E

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CROSS SECTION B-B'

IN: PORT OF EVERETT NORTH MARINA,
PORT GARDNER; ADJACENT TO THE
SNOHOMISH RIVER CHANNEL

AT: PORT OF EVERETT

COUNTY OF: SNOHOMISH

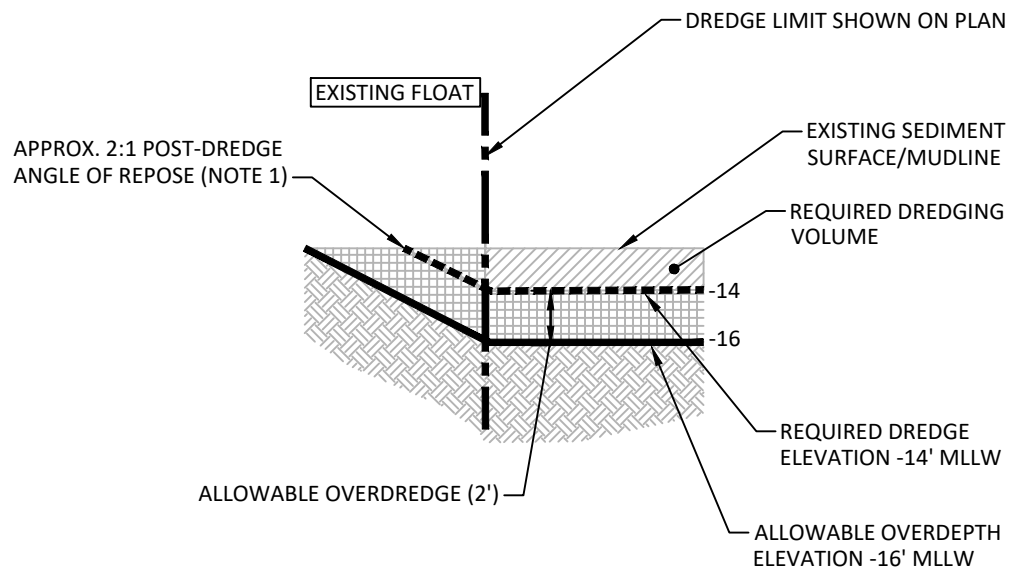
STATE OF: WASHINGTON

APPLICATION BY: PORT OF EVERETT

DATE: MAY 2021

SHEET: 5 OF 7

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1
3 TYPICAL DREDGE DETAIL
NO SCALE

NOTE

1. ALTHOUGH NO DREDGING WILL OCCUR BEYOND LIMIT SHOWN ON PLAN, NATURAL SLOUGHING OF MATERIAL MAY OCCUR AS SHOWN. DREDGE VOLUME CALCULATIONS INCLUDE AN ALLOWANCE FOR REMOVAL OF SLOUGHED MATERIAL.

PURPOSE:
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DATUM: MLLW= 0.0'

TOWNSHIP/RANGE: SEC 18 TWP 29N RGE 5E

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**PROPOSED DREDGING
DETAIL**

IN: PORT OF EVERETT NORTH MARINA,
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AT: PORT OF EVERETT

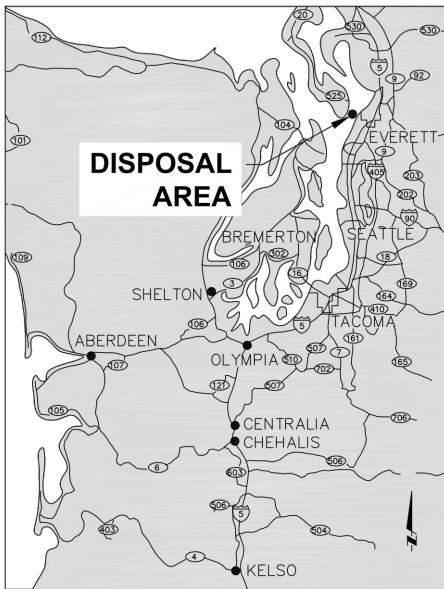
COUNTY OF: SNOHOMISH

STATE OF: WASHINGTON

APPLICATION BY: PORT OF EVERETT

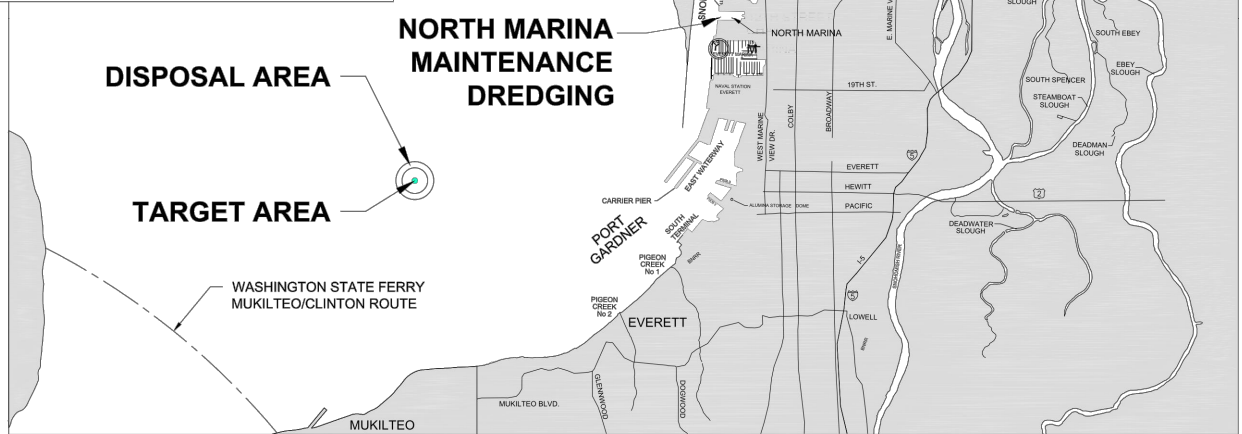
DATE: MAY 2021

SHEET: 6 OF 7



VICINITY MAP NO SCALE

PORT GARDNER DISPOSAL SITE
 TYPE: NONDISPERSIVE
 AREA: 318 ACRES DEPTH: 420 FT.
 SITE DIMENSIONS: 4200 FT. BY 4200 FT. CIRCULAR
 DISPOSAL ZONE: 1800 FT. DIAMETER
 TARGET AREA: 1200 FT. DIAMETER
 BARGE POSITIONING METHOD: GPS
 NAD27 LOCATION: LAT 47° 58.86' LONG 122° 16.67'
 NAD83 LOCATION: LAT 47° 58.86' LONG 122° 16.74'



VICINITY MAP NO SCALE

Note

1. REPRINTED FROM PORT OF EVERETT MARINA MAINTENANCE DREDGING PHASE I RECORD DRAWING PLAN SET BY DALTON, OLMSTED & FUGLEVAND, INC. DATED APRIL 30, 2012

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PURPOSE:
MARINA MAINTENANCE DREDGING

DATUM: MLLW= 0.0'

TOWNSHIP/RANGE: SEC 18 TWP 29N RGE 5E

ADJACENT PROPERTY OWNERS:

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PORT OF EVERETT

NORTH MARINA MAINTENANCE DREDGING

PORT OF EVERETT
 1205 CRAFTSMAN WAY, SUITE 200
 EVERETT, WASHINGTON 98021

OPEN WATER DISPOSAL SITE

IN: PORT OF EVERETT NORTH MARINA, PORT GARDNER; ADJACENT TO THE SNOHOMISH RIVER CHANNEL

AT: PORT OF EVERETT

COUNTY OF: SNOHOMISH

STATE OF: WASHINGTON

APPLICATION BY: PORT OF EVERETT

DATE: MAY 2021

SHEET: 7 OF 7