



**Request for Clean Water Act
Section 401 Water Quality Certification
WA State Department of Ecology**
Phone: (360) 407-6076 or E-mail: ecyrefedpermits@ecy.wa.gov

AGENCY USE ONLY

Date Received: 8/9/2021
Aquatics ID#: 140718
Team: SWRO
Valid Request: 8/9/2021

A. Identify the applicable federal license or permit:

Permit or License Number (if known): _____

Federal Agency triggering the Water Quality Certification (WQC):

- ☒ U.S. Army Corps of Engineers ☐ U.S. Coast Guard
☐ U.S. Environmental Protection Agency ☐ Federal Energy Regulatory Commission
☐ Other: _____

B. Project Information:

Name: WestRock Wood Debris Dredging Project County: Pierce

C. Documentation showing that the pre-filing meeting request was submitted at least 30 days prior to submitting this Section 401 WQC Request: ☒ Attached

D. Applicable Additional Information (Attached):

- ☒ Completed, signed, and dated Joint Aquatic Resources Permit Application (JARPA)
☒ Water Quality Monitoring Plan or WQ Monitoring and Protection Plan
☐ Mitigation Plan
☐ Wetland Delineation Report and ratings
☐ Copy of the federal permit or license application, including all accompanying information
☐ Suitability Determination for dredging projects with in-water disposal
☐ Dewatering Plan
☐ Revegetation/Restoration Plan
☐ Erosion and Sediment Control Plan
☐ SEPA and/or NEPA decision

E. Certification Statements:

The project proponent hereby certifies that all information contained herein is true, accurate, and complete, to the best of my knowledge and belief.

Initial AA

The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.

Initial AA

Signature: Assaad A Date: 8/9/21

Print Name: ASSAAD ALSEMANI

Submit this CWA §401 Certification Request form along with a JARPA and supporting information to ecyrefedpermits@ecy.wa.gov and cc the federal permitting agency.

To request an ADA accommodation, contact Ecology by phone at (360) 407-6076 or email at ecyrefedpermits@ecy.wa.gov, or visit [Accessibility & the Americans with Disabilities Act \(ADA\)](#). For Relay Service or TTY call 711 or 877-833-6341.



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2} [\[help\]](#)

USE BLACK OR BLUE INK TO ENTER ANSWERS IN THE WHITE SPACES BELOW.



US Army Corps
of Engineers®
Seattle District

AGENCY USE ONLY

Date received: 8/9/2021 edoc
Rec'd 401 Request Form

Agency reference #: _____

Tax Parcel #(s): _____

Part 1—Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [\[help\]](#)

WestRock Wood Debris Dredging Project

Part 2—Applicant

The person and/or organization responsible for the project. [\[help\]](#)

2a. Name (Last, First, Middle)

Wooster, Wayne

2b. Organization (If applicable)

WestRock CP, LLC

2c. Mailing Address (Street or PO Box)

801 East Portland Avenue

2d. City, State, Zip

Tacoma, Washington 98421

2e. Phone (1)

2f. Phone (2)

2g. Fax

2h. E-mail

(253) 596-0296

wayne.wooster@westrock.com

¹Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

²To access an online JARPA form with [\[help\]](#) screens, go to

http://www.epermitting.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx.

For other help, contact the Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.

Part 3—Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b of this application.) [\[help\]](#)

3a. Name (Last, First, Middle)			
Ptacek, Jacquie			
3b. Organization (If applicable)			
Anchor QEA, LLC			
3c. Mailing Address (Street or PO Box)			
1201 3rd Avenue, Suite 2600			
3d. City, State, Zip			
Seattle, Washington 98101			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
(206) 971-2690			jptacek@anchorage.com

Part 4—Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [\[help\]](#)

- ☒ Same as applicant. (Skip to Part 5.)
- ☐ Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- ☐ There are multiple upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- ☒ Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

4a. Name (Last, First, Middle)			
4b. Organization (If applicable)			
4c. Mailing Address (Street or PO Box)			
4d. City, State, Zip			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail

Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [\[help\]](#)

- ☐ There are multiple project locations (e.g. linear projects). Complete the section below and use [JARPA Attachment B](#) for each additional project location.

5a. Indicate the type of ownership of the property. (Check all that apply.) [help]			
<input checked="" type="checkbox"/> Private			
<input type="checkbox"/> Federal			
<input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.)			
<input type="checkbox"/> Tribal			
<input checked="" type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E)			
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]			
801 East Portland Avenue			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Tacoma, Washington 98421			
5d. County [help]			
Pierce			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NW	33	21 North	3 East
5f. Provide the latitude and longitude of the project location. [help]			
<ul style="list-style-type: none">Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83)			
47.26587 N lat. / -122.43112 W long.			
5g. List the tax parcel number(s) for the project location. [help]			
<ul style="list-style-type: none">The local county assessor's office can provide this information.			
8950000530			
5h. Contact information for all adjoining property owners. (If you need more space, use JARPA Attachment C.) [help]			
Name	Mailing Address	Tax Parcel # (if known)	
Rangar-Stryder, LLC	6500 26th Street East	8950000532	
	Fife, Washington 98424		
Marvin F. Poer and Company	18818 Teller Avenue, Suite 277	8950000570, 8950000580	
	Irvine, California 92612		
WestRock CP, LLC	3950 Shackleford Road	8950000490	
	Duluth, Georgia 30096		
5i. List all wetlands on or adjacent to the project location. [help]			
There are no wetlands within the Project area (USFWS 2021).			

5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]
The Project is located within the Saint Paul Waterway, which is part of Commencement Bay, an embayment of Puget Sound.
5k. Is any part of the project area within a 100-year floodplain? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
5l. Briefly describe the vegetation and habitat conditions on the property. [help]
Upland vegetation and habitat conditions at the property are limited due to existing development adjacent to the shoreline. The upland portion of the property is used for woodchip storage. Aquatic habitat is typical of inner Commencement Bay, Puget Sound. Species observed during a dive survey that was completed in 2019 include clams, polychaete worms, crabs, fish, anemone, nudibranch, mussels, shrimp, and barnacles (Anchor QEA 2019).
5m. Describe how the property is currently used. [help]
The property is currently used to offload and store woodchips to produce packaging-grade paper, linerboard, and saturating board. Woodchips are offloaded via a fixed barge.
5n. Describe how the adjacent properties are currently used. [help]
The property is located within the City of Tacoma tideflats industrial area. Surrounding properties consist of industrial and commercial uses. The project site is bounded by Commencement Bay to the north, WestRock's woodchip storage area to the east, and a lumber and wood manufacturing plant across the Saint Paul Waterway to the southwest.
5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]
The Project site contains a fixed barge with an articulating ramp on the northern end of the barge. Other upland structures include buildings associated with the pulp and paper mill.
5p. Provide driving directions from the closest highway to the project location, and attach a map. [help]
<p>From I-5 Southbound:</p> <ul style="list-style-type: none"> • Take exit 135 toward Portland Avenue. • In 0.3 mile, continue straight on East 27th Street, then turn right onto Portland Avenue East. • The project site will be on your left in approximately 2 miles. <p>From I-5 Northbound:</p> <ul style="list-style-type: none"> • Take exit 134 toward Portland Avenue. • In 0.3 mile, merge onto East 28th Street, then turn left onto Portland Avenue East. • The project site will be on your left in approximately 2 miles.

Part 6–Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [help]
To meet the terms of their Washington State Department of Natural Resources (DNR) aquatic lands lease agreement, WestRock is proposing to complete maintenance dredging of wood debris in the Saint Paul Waterway, near their pulp and paper mill (Figure 1). The proposed Project will remove approximately 100 cubic yards (cy) of wood debris within an approximately 1,000-square-foot area where wood debris covers more than 25% of the seafloor (Figure 2). Maintenance dredging is proposed to a maximum depth of 3 feet below the current mudline and not below -24 feet mean lower low water (MLLW). Dredging will not affect a

cap that was placed in 1988 as part of the Commencement Bay Nearshore/Tideflats Superfund Site (Figure 3). The dredged material will be disposed of at an authorized upland disposal facility.

6b. Describe the purpose of the project and why you want or need to perform it. [\[help\]](#)

The purpose of the Project is to remove wood debris from the seafloor consistent with the terms of WestRock's DNR aquatic lands lease.

6c. Indicate the project category. (Check all that apply) [\[help\]](#)

- | | | | | |
|---|--|--|---|---------------------------------------|
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Residential | <input type="checkbox"/> Institutional | <input type="checkbox"/> Transportation | <input type="checkbox"/> Recreational |
| <input checked="" type="checkbox"/> Maintenance | <input type="checkbox"/> Environmental Enhancement | | | |

6d. Indicate the major elements of your project. (Check all that apply) [\[help\]](#)

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Aquaculture | <input type="checkbox"/> Culvert | <input type="checkbox"/> Float | <input type="checkbox"/> Retaining Wall (upland) |
| <input type="checkbox"/> Bank Stabilization | <input type="checkbox"/> Dam / Weir | <input type="checkbox"/> Floating Home | <input type="checkbox"/> Road |
| <input type="checkbox"/> Boat House | <input type="checkbox"/> Dike / Levee / Jetty | <input type="checkbox"/> Geotechnical Survey | <input type="checkbox"/> Scientific Measurement Device |
| <input type="checkbox"/> Boat Launch | <input type="checkbox"/> Ditch | <input type="checkbox"/> Land Clearing | <input type="checkbox"/> Stairs |
| <input type="checkbox"/> Boat Lift | <input type="checkbox"/> Dock / Pier | <input type="checkbox"/> Marina / Moorage | <input type="checkbox"/> Stormwater facility |
| <input type="checkbox"/> Bridge | <input checked="" type="checkbox"/> Dredging | <input type="checkbox"/> Mining | <input type="checkbox"/> Swimming Pool |
| <input type="checkbox"/> Bulkhead | <input type="checkbox"/> Fence | <input type="checkbox"/> Outfall Structure | <input type="checkbox"/> Utility Line |
| <input type="checkbox"/> Buoy | <input type="checkbox"/> Ferry Terminal | <input type="checkbox"/> Piling/Dolphin | |
| <input type="checkbox"/> Channel Modification | <input type="checkbox"/> Fishway | <input type="checkbox"/> Raft | |

☐ Other:

6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [\[help\]](#)

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year floodplain.

The Project is located within and adjacent to the Federal Emergency Management Agency floodplain designated as Zone VE (FEMA 2017). Areas designated as Zone VE indicate those areas subject to inundation by the 1-percent-annual-chance flood event and that have additional hazards associated with storm waves.

Maintenance dredging activities will remove approximately 100 cubic yards of wood debris from an approximately 1,000 square foot area. The removal area slopes from an elevation of -10 to -24 feet MLLW. Approximately 60% of the removal area is located under the front of a fixed barge that is used for wood chip offloading; the other 40% is located in the adjacent open-water area.

Dredging will be performed using mechanical dredging or diver-assisted suction dredging equipment. Because of the difficulty in accessing wood debris under the fixed barge, mechanical (articulating arm or beam) and/or suction (diver) means will be needed. If mechanical methods are used, it may require dragging material into an open-water area for removal by traditional clamshell dredging bucket, which may also be used for other material in the open-water area. For any method, the contractor will meet all removal and water quality performance criteria.

After the wood debris is dredged, it will be placed on a barge for dewatering. Surplus water will be gravity filtered and returned to the waterway within the construction zone. If suction dredging is used, a barge will be configured to provide sufficient settlement and filtration to meet water quality standards.

Following dewatering, dredged material will be transferred to a permitted upland transload facility, where it will be subsequently transported by truck or rail to an appropriate upland disposal facility. To contain sediment

that could be spilled during this transfer process, a spill-prevention apron will be installed that sufficiently prevents material from re-entering the water. Contractor staging will occur on barges and in existing developed upland areas.

The Project is expected to be completed in approximately 10 working days. In-water work will be performed consistent with allowable in-water work windows established by regulatory agencies to minimize potential disturbance of sensitive fish and wildlife species. Within Commencement Bay, these work windows are expected to occur between August 15 and February 14 of each year, or an approved extension.

6f. What are the anticipated start and end dates for project construction? (Month/Year) [\[help\]](#)

- If the project will be constructed in phases or stages, use [JARPA Attachment D](#) to list the start and end dates of each phase or stage.

Start Date: November 2022

End Date: November 2022

☐ See JARPA Attachment D

6g. Fair market value of the project, including materials, labor, machine rentals, etc. [\[help\]](#)

\$300,000

6h. Will any portion of the project receive federal funding? [\[help\]](#)

- If **yes**, list each agency providing funds.

☐ Yes ☒ No ☐ Don't know

Part 7–Wetlands: Impacts and Mitigation

☐ Check here if there are wetlands or wetland buffers on or adjacent to the project area.

(If there are none, skip to Part 8.) [\[help\]](#)

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [\[help\]](#)

☒ Not applicable

Wetlands are not present within the Project footprint, and no wetlands will be impacted by the Project.

7b. Will the project impact wetlands? [\[help\]](#)

☐ Yes ☒ No ☐ Don't know

7c. Will the project impact wetland buffers? [\[help\]](#)

☐ Yes ☒ No ☐ Don't know

7d. Has a wetland delineation report been prepared? [\[help\]](#)

- If **Yes**, submit the report, including data sheets, with the JARPA package.

☐ Yes ☒ No

7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [\[help\]](#)

- If **Yes**, submit the wetland rating forms and figures with the JARPA package.

☐ Yes ☒ No ☐ Don't know

7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [\[help\]](#)

- If **Yes**, submit the plan with the JARPA package and answer 7g.
- If **No**, or **Not applicable**, explain below why a mitigation plan should not be required.

☐ Yes ☒ No ☐ Don't know

The Project will not impact wetlands; therefore, a mitigation plan is not required.

7g. Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [\[help\]](#)

Not applicable.

7h. Use the table below to list the type and rating of each wetland impacted, the extent and duration of the impact, and the type and amount of mitigation proposed. Or if you are submitting a mitigation plan with a similar table, you can state (below) where we can find this information in the plan. [\[help\]](#)

Activity (fill, drain, excavate, flood, etc.)	Wetland Name ¹	Wetland type and rating category ²	Impact area (sq. ft. or Acres)	Duration of impact ³	Proposed mitigation type ⁴	Wetland mitigation area (sq. ft. or acres)
Not applicable						

¹ If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.

² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

⁴ Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

Page number(s) for similar information in the mitigation plan, if available: _____

7i. For all filling activities identified in 7h, describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

Not applicable.

7j. For all excavating activities identified in 7h, describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

Not applicable.

Part 8—Waterbodies (other than wetlands): Impacts and Mitigation

In Part 8, "waterbodies" refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [\[help\]](#)

☒ Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

8a. Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment. [\[help\]](#)

☐ Not applicable

Conservation measures and best management practices (BMPs) have been incorporated into the Project design to avoid or minimize potential impacts to the aquatic environment. The Project is limited to maintenance activities necessary to remove wood debris to comply with the terms of WestRock's DNR aquatic lands lease. BMPs will be implemented during construction to avoid or minimize exposure of sensitive species to potential effects from this Project.

- Work will be completed during regulator-approved work windows, anticipated to be between August 15 and February 14 of each year, or an approved extension.
- Turbidity and other water quality parameters will be monitored to ensure that construction activities are in compliance with Washington State Surface Water Quality Standards per Washington Administrative Code 173-201A.
- Appropriate BMPs will be employed to minimize sediment loss and turbidity generation during dredging.
- The barge will be managed such that the dredged sediment load does not exceed the capacity of the barge. The load will be placed in the barge to maintain an even keel and avoid listing.
- No overtopping of the barge sideboards will be allowed during placement of dredged sediment, and no free water from the dredged sediment will be directly discharged back into the surface waters without passing through the filter media to minimize the release of suspended sediments.

- The dredging contractor will inspect fuel hoses, oil or fuel transfer valves, and fittings on a regular basis for drips or leaks, to prevent spills into the surface water.
- Contractor staging will occur on barges and in existing developed upland areas.
- The contractor will prepare a Spill Prevention, Control and Countermeasure Plan to be used for the duration of the Project to safeguard against an unintentional release of fuel, lubricants, or hydraulic fluid from construction equipment.

8b. Will your project impact a waterbody or the area around a waterbody? [\[help\]](#)

☒ Yes ☐ No

8c. Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies? [\[help\]](#)

- **If Yes**, submit the plan with the JARPA package and answer 8d.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

☐ Yes ☒ No ☐ Don't know

The Project is a maintenance action to remove excess wood debris from the Saint Paul Waterway. Only maintenance activities are proposed; therefore, mitigation is not proposed.

8d. Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.

- If you already completed 7g you do not need to restate your answer here. [\[help\]](#)

No mitigation plan has been prepared for the Project.

8e. Summarize impact(s) to each waterbody in the table below. [\[help\]](#)

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Dredging	Saint Paul Waterway	In-water	Approximately 10 days	Approximately 100 cy	Approximately 1,000 sq. ft.

¹ If no official name for the waterbody exists, create a unique name (such as "Stream 1") The name should be consistent with other documents provided.

² Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.

³ Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

8f. For all activities identified in 8e, describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [\[help\]](#)

No filling is proposed as part of the Project.

8g. For all excavating or dredging activities identified in 8e, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [\[help\]](#)

Dredging would occur to a maximum depth of 3 feet and would remove approximately 100 cubic yards of wood debris. The dredged material will be transferred to a permitted upland transload facility, where it will be subsequently transported by truck or rail to an appropriate upland disposal facility.

Part 9—Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

9a. If you have already worked with any government agencies on this project, list them below. [\[help\]](#)

Agency Name	Contact Name	Phone	Most Recent Date of Contact
Washington Department of Natural Resources	Irene Matsuoka	(206) 949-1740	August 2021
9b. Are any of the wetlands or waterbodies identified in Part 7 or Part 8 of this JARPA on the Washington Department of Ecology's 303(d) List? [help] <ul style="list-style-type: none"> If Yes, list the parameter(s) below. If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
The Saint Paul Waterway, where the Project would take place, is listed on Ecology's 303(d) List as a Category 5 for sediment bioassay and PCBs (Ecology 2016).			
9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [help] <ul style="list-style-type: none"> Go to http://cfpub.epa.gov/surf/locate/index.cfm to help identify the HUC. 			
17110019			
9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help] <ul style="list-style-type: none"> Go to https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up to find the WRIA #. 			
WRIA 10 Puyallup-White			
9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help] <ul style="list-style-type: none"> Go to https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria for the standards. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable			
9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help] <ul style="list-style-type: none"> If you don't know, contact the local planning department. For more information, go to: https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases. 			
<input type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input checked="" type="checkbox"/> Other: <u>High Intensity</u>			
9g. What is the Washington Department of Natural Resources Water Type? [help] <ul style="list-style-type: none"> Go to http://www.dnr.wa.gov/forest-practices-water-typing for the Forest Practices Water Typing System. 			
<input checked="" type="checkbox"/> Shoreline <input type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal			
9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help] <ul style="list-style-type: none"> If No, provide the name of the manual your project is designed to meet. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Name of manual: <u>City of Tacoma Stormwater Management Manual (City of Tacoma 2021)</u>			
9i. Does the project site have known contaminated sediment? [help] <ul style="list-style-type: none"> If Yes, please describe below. 			

☒ Yes ☐ No

The Project is located within the Commencement Bay Nearshore/Tideflats Superfund Site. The area where dredging will occur was remediated with a sand cap in 1988. In 1996, the Saint Paul Waterway problem area was deleted from the national priorities list, and in 2004 long-term monitoring was completed (EPA 2009). The proposed repair activities will not disturb any contaminated sediments.

9j. If you know what the property was used for in the past, describe below. [\[help\]](#)

Prior to historic and modern landmaking, the area was intertidal/subtidal. After the establishment of the Port of Tacoma in 1918, the existing waterways and uplands were created through an ambitious dredging and filling program. Construction of the Saint Paul Waterway began in the 1920s. The Project area has been used for pulp, paper, and other forest products uses since 1927.

The entire area where dredging will occur was remediated with dredging and placement of a 4-foot-thick sand cap in 1988. In 2004, dredging of sediments that accumulated above the sand cap was conducted.

The proposed Project includes dredging above the sand cap. These sediments have accumulated since 1988 and/or 2004, and do not have the potential to contain archaeological or historic resources.

9k. Has a cultural resource (archaeological) survey been performed on the project area? [\[help\]](#)

- If Yes, attach it to your JARPA package.

☐ Yes ☒ No

As noted above, the proposed Project does not have the potential to impact historic properties.

9l. Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. [\[help\]](#)

The following Endangered Species Act (ESA)-listed species may occur in the Project area:

- Chinook salmon (*Oncorhynchus tshawytscha*)
- Steelhead (*O. mykiss*)
- Bull trout (*Salvelinus confluentus*)
- Bocaccio (*Sebastes paucispinus*)
- Yelloweye rockfish (*Sebastes ruberrimus*)
- Killer whale (*Orcinus orca*)
- Marbled murrelet (*Brachyramphus marmoratus*)

The U.S. Fish and Wildlife Service identifies gray wolf (*Canis lupus*), streaked horned lark (*Eremophila alpestris strigata*), yellow-billed cuckoo (*Coccyzus americanus*), Oregon spotted frog (*Rana pretiosa*), marsh sandwort (*Arenaria paludicola*), and water howellia (*Howellia aquatilis*) as occurring near the Project site; however, these species are likely not present due to lack of suitable habitat within and adjacent to the property.

There are also several ESA-listed species under National Marine Fisheries Service jurisdiction that occur in Washington state that are likely not present due to lack of suitable habitat within and adjacent to the Project. These include the southern distinct population segment (DPS) of green sturgeon (*Acipenser medirostris*), leatherback sea turtle (*Dermochelys coriacea*), humpback whale (*Megaptera novaeangliae*), and southern DPS of Pacific eulachon (*Thaleichthys pacificus*).

Detailed information on federally listed species and critical habitat in the vicinity of the Project area that may be affected by maintenance dredging is provided in the Biological Evaluation (Attachment 3).

9m. Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [\[help\]](#)

The Washington Department of Fish and Wildlife Priority Habitats and Species map identifies the following species and habitat that may occur within or in proximity to the Project area (WDFW 2021):

- Dungeness crab (*Cancer magister*)
- Estuarine zone

Part 10–SEPA Compliance and Permits

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at <http://apps.oria.wa.gov/opas/>.
- Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [\[help\]](#)

- For more information about SEPA, go to <https://ecology.wa.gov/regulations-permits/SEPA-environmental-review>.

☐ A copy of the SEPA determination or letter of exemption is included with this application.

☒ A SEPA determination is pending with City of Tacoma (lead agency). The expected decision date is December 2021.

☐ I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [\[help\]](#)

☐ This project is exempt (choose type of exemption below).

☐ Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt?

☐ Other: _____

☐ SEPA is pre-empted by federal law.

10b. Indicate the permits you are applying for. (Check all that apply.) [\[help\]](#)

LOCAL GOVERNMENT

Local Government Shoreline permits:

☐ Substantial Development ☐ Conditional Use ☐ Variance

☒ Shoreline Exemption Type (explain): Maintenance dredging qualifies as exempt from requirements for a Shoreline Substantial Development Permit pursuant to the City of Tacoma Shoreline Master Program 2.3.3.2 and WAC 173-27-040(2)(b) as normal maintenance and repair of existing developments.

Other City/County permits:

☐ Floodplain Development Permit ☐ Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

☒ Hydraulic Project Approval (HPA) ☐ Fish Habitat Enhancement Exemption – [Attach Exemption Form](#)

Washington Department of Natural Resources:

☒ Aquatic Use Authorization

Complete JARPA Attachment E and submit a check for \$25 payable to the Washington Department of Natural Resources.

Do not send cash.

Washington Department of Ecology:

☒ Section 401 Water Quality Certification

☐ Non-Federally Regulated Waters

FEDERAL AND TRIBAL GOVERNMENT**United States Department of the Army (U.S. Army Corps of Engineers):**

☒ Section 404 (discharges into waters of the U.S.)

☒ Section 10 (work in navigable waters)

United States Coast Guard:

For projects or bridges over waters of the United States, contact the U.S. Coast Guard at: d13-pf-d13bridges@uscg.mil

☐ Bridge Permit

☐ Private Aids to Navigation (or other non-bridge permits)

United States Environmental Protection Agency:

☐ Section 401 Water Quality Certification (discharges into waters of the U.S.) on tribal lands where tribes do not have treatment as a state (TAS)

Tribal Permits: (Check with the tribe to see if there are other tribal permits, e.g., Tribal Environmental Protection Act, Shoreline Permits, Hydraulic Project Permits, or other in addition to CWA Section 401 WQC)

☐ Section 401 Water Quality Certification (discharges into waters of the U.S.) where the tribe has treatment as a state (TAS).

Part 11—Authorizing Signatures

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [\[help\]](#)

11a. Applicant Signature (required) [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. AA (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. AA (initial)

Assaad Alsemaan
Applicant Printed Name


Applicant Signature

August 6, 2021
Date

11b. Authorized Agent Signature [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Jacquie Ptacek
Authorized Agent Printed Name


Authorized Agent Signature

August 6, 2021
Date

11c. Property Owner Signature (if not applicant) [\[help\]](#)

Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

Property Owner Printed Name

Property Owner Signature

Date

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-011 rev. 09/2018

References

- Anchor QEA, 2019. WestRock Tacoma Mill Aquatic Land Characterization – Dive Survey Inspection Memorandum. Prepared for WestRock CP, LLC. February 1, 2019.
- City of Tacoma, 2021. Stormwater Management Manual: July 2021 Edition. Accessed June 22, 2021. Available at: https://www.cityoftacoma.org/UserFiles/Servers/Server_6/File/cms/Surfacewater/SWMM_2021%20Final/2021%20City%20of%20Tacoma%20SWMM%20-%20FINAL.pdf.
- Ecology (Washington State Department of Ecology), 2016. Ecology Washington State Water Quality Atlas. Last modified 2016; accessed May 20, 2021. Available at: <https://fortress.wa.gov/ecy/waterqualityatlas/map.aspx>
- EPA (U.S. Environmental Protection Agency), 2009. *Third Five-Year Review Report for Commencement Bay Nearshore/Tideflats Superfund Site*. December 23, 2009.
- FEMA (Federal Emergency Management Agency), 2017. “FEMA Flood Insurance Rate Map (FIRM) for Pierce County, Washington and Incorporated Areas.” Community Panel Number 53053C0168E. Accessed May 20, 2021. Available at: <https://msc.fema.gov/portal/search?AddressQuery=801%20E%20Portland%20Ave%20Tacoma%2C%20WA#searchresultsanchor>.
- USFWS (U.S. Fish and Wildlife Service), 2021. National Wetlands Inventory: Wetlands Mapper. Accessed May 19, 2021. Available at: <https://www.fws.gov/wetlands/data/Mapper.html>.
- WDFW (Washington Department of Fish and Wildlife), 2021. “Priority Habitats and Species Maps.” Accessed May 20, 2021. Available at: <http://wdfw.wa.gov/mapping/phs/>.

JARPA Attachment E

Aquatic Use Authorization



WASHINGTON STATE
Joint Aquatic Resources Permit
Application (JARPA) [\[help\]](#)



US Army Corps
of Engineers
Seattle District

AGENCY USE ONLY

Date received: _____; ☐ Town
☐ Application Fee Received; ☐ Fee N/A
☐ New Application; ☐ Renewal Application
Type/Prefix #: _____; NaturE Use Code: _____
LM Initials & BP#: _____
RE Assets Finance BP#: _____
New Application Number: _____
Trust(s): _____; County: _____
AQR Plate #(s): _____
Gov Lot #(s): _____
Tax Parcel #(s): _____

Attachment E:
Aquatic Use Authorization on
Department of Natural Resources
(DNR)-managed aquatic lands [\[help\]](#)

Complete this attachment and submit it with the completed JARPA form only if you are applying for an Aquatic Use Authorization with DNR. Call (360) 902-1100 or visit <http://www.dnr.wa.gov/programs-and-services/aquatics/leasing-and-land-transactions> for more information.

- DNR recommends you discuss your proposal with a DNR land manager before applying for regulatory permits. Contact your regional land manager for more information on potential permit and survey requirements. You can find your regional land manager by calling (360) 902-1100 or going to <http://www.dnr.wa.gov/programs-and-services/aquatics/aquatic-districts-and-land-managers-map>. [\[help\]](#)
- The applicant may not begin work on DNR-managed aquatic lands until DNR grants an Aquatic Use Authorization.
- Include a \$25 non-refundable application processing fee, payable to the "Washington Department of Natural Resources." (Contact your Land Manager to determine if and when you are required to pay this fee.) [\[help\]](#)

DNR may reject the application at any time prior to issuing the applicant an Aquatic Use Authorization. [\[help\]](#)

Use black or blue ink to enter answers in white spaces below.

1. Applicant Name (Last, First, Middle)	
Wooster, Wayne	
2. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [help]	
WestRock Wood Debris Dredging Project	
3. Phone Number and Email	
(253) 596-0296, wayne.wooster@westrock.com	
4. Which of the following applies to Applicant? Check one and, if applicable, attach the written authority – bylaws, power of attorney, etc. [help]	
<input type="checkbox"/> Corporation <input type="checkbox"/> Limited Partnership <input type="checkbox"/> General Partnership <input checked="" type="checkbox"/> Limited Liability Company Home State of Registration: _____	<input type="checkbox"/> Individual <input type="checkbox"/> Marital Community (Identify spouse): _____ <input type="checkbox"/> Government Agency <input type="checkbox"/> Other (Please Explain): _____

5. Washington UBI (Unified Business Identifier) number, if applicable: [help]
603 123 132
6. Are you aware of any existing or previously expired Aquatic Use Authorizations at the project location?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know If Yes, Authorization number(s): <u>22-091814</u>
7. Do you intend to sublease the property to someone else?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, contact your Land Manager to discuss subleasing.
8. If fill material was used previously on DNR-managed aquatic lands, describe below the type of fill material and the purpose for using it. [help]
N/A

To be completed by DNR and a copy returned to the applicant.

Signature for projects on DNR-managed aquatic lands:

Applicant must obtain the signature of DNR Aquatics District Manager OR Assistant Division Manager if the project is located on DNR-managed aquatic lands.

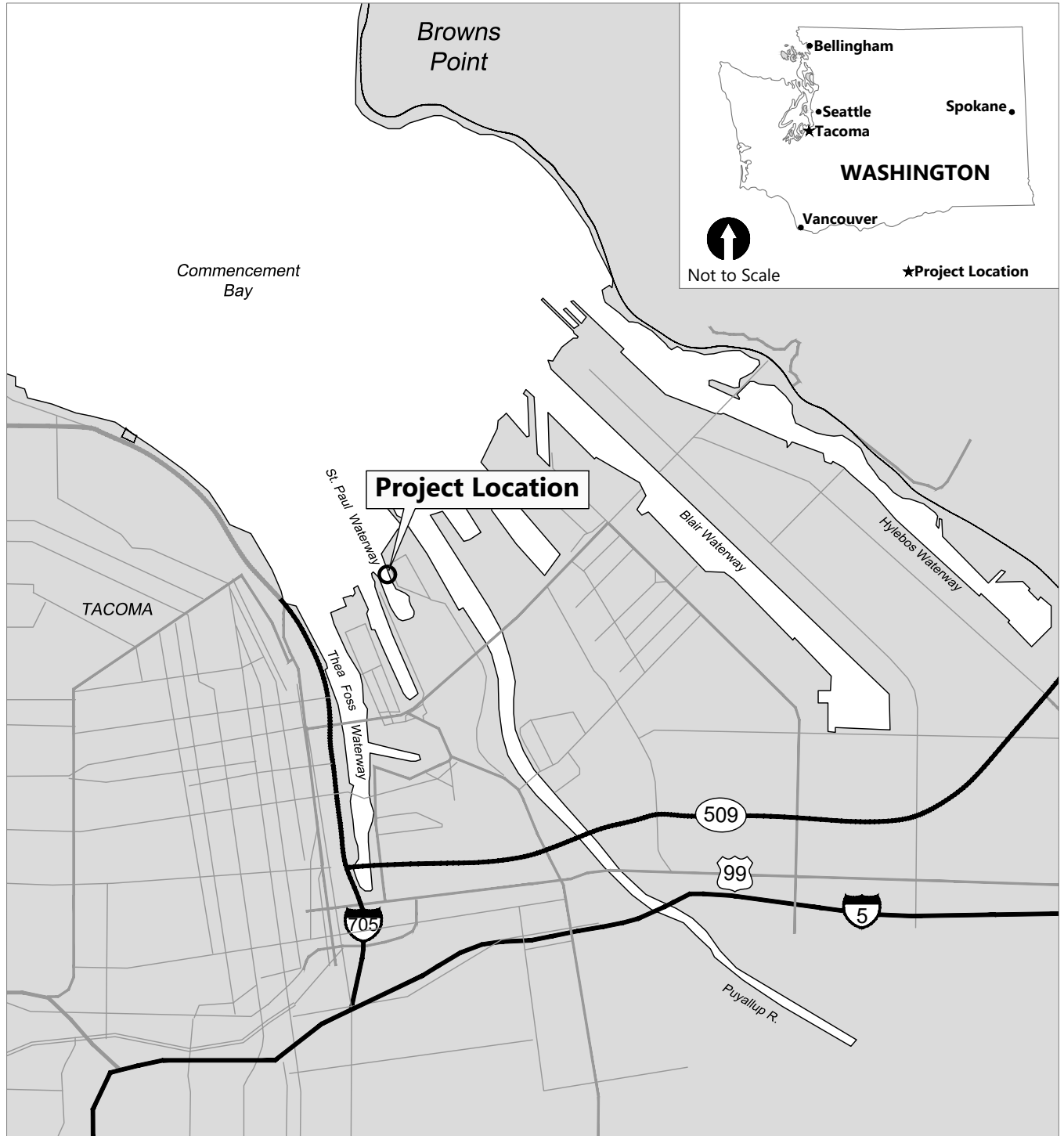
I, a designated representative of the Dept. of Natural Resources, am aware that the project is being proposed on Dept. of Natural Resources-managed aquatic lands and agree that the applicant or his/her representative may pursue the necessary regulatory permits. My signature does not authorize the use of DNR-managed aquatic lands for this project.

Printed Name
 Dept. of Natural Resources
 District Manager or Assistant Division Manager

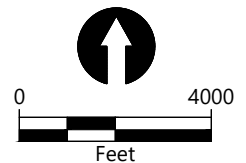
Signature
 Dept. of Natural Resources
 District Manager or Assistant Division Manager

Date


If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA Publication ORIA-16-016 rev. 10/2016

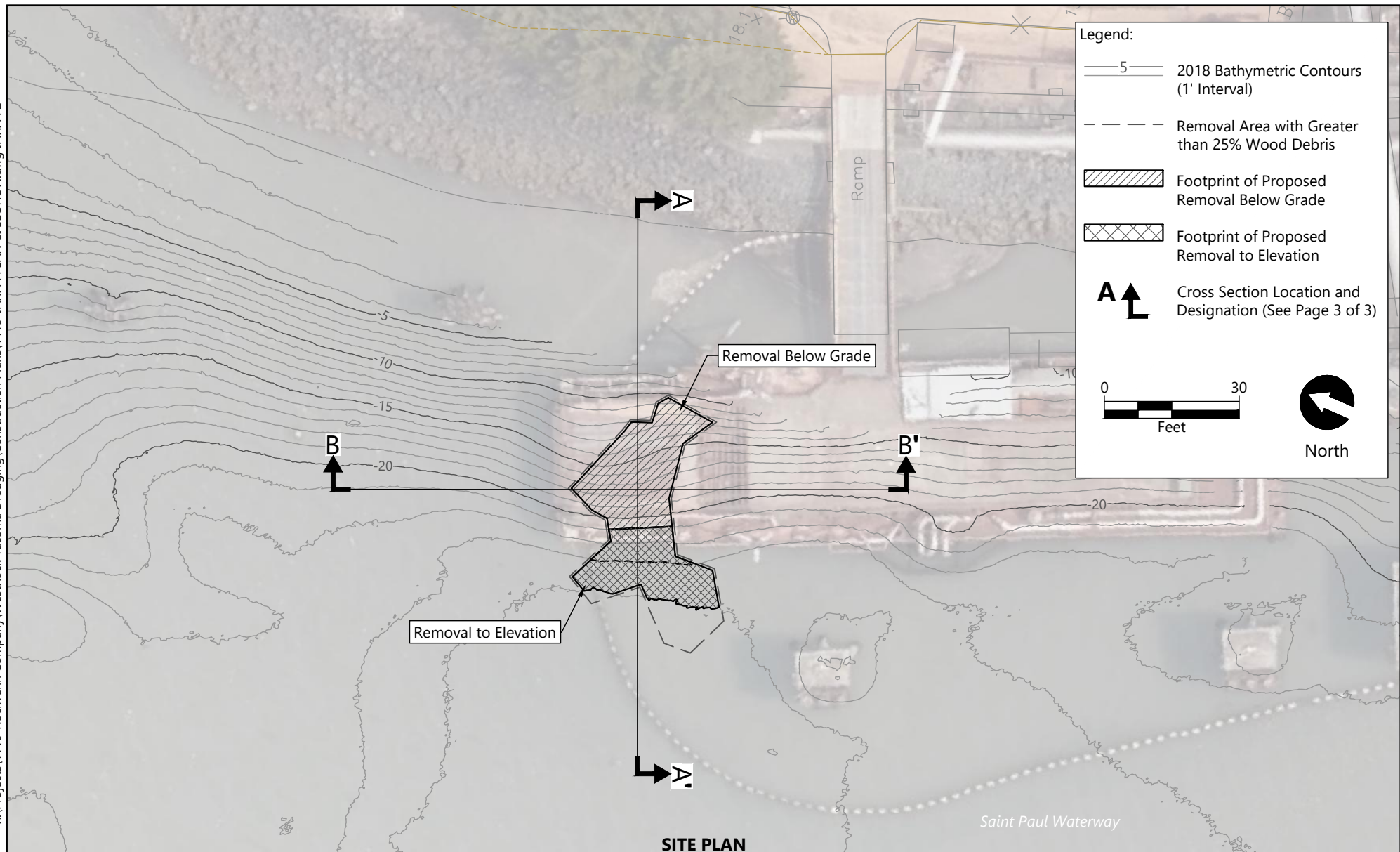


HORIZONTAL DATUM: Washington State Plane
South Zone, NAD83, U.S. Survey Feet



VICINITY MAP

<p>REFERENCE #:</p> <p>APPLICANT: WestRock CP, LLC</p> <p>LOCATION: 801 East Portland Avenue Tacoma, WA 98421</p> <p>ADJACENT PROPERTY OWNERS: Rangar-Stryder, LLC; Marvin F Poer and Company; RockTenn CP, LLC</p>	<p>NAME: WestRock Wood Debris Dredging Project</p> <p>PROPOSED: Maintenance Dredging</p> <p>PURPOSE: Remove Wood Debris</p> <p>HORIZONTAL DATUM: Washington State Plane, South Zone, NAD83, US Survey Feet</p> <p>VERTICAL DATUM: Mean Lower Low Water (MLLW)</p>	<p>LATITUDE: 47.26587 N LONGITUDE: 122.43112 W S-T-R: 33, 21 North, 3 East</p> <p>IN: St. Paul Waterway NEAR/AT: Tacoma COUNTY: Pierce STATE: Washington</p> <p>DATE: July 2021</p> <p>PAGE: 1 OF 3</p> <div data-bbox="1393 1810 1578 1927">  <p>1201 3rd Ave, Suite 2600 Seattle, WA 98101 206-287-9130</p> </div>
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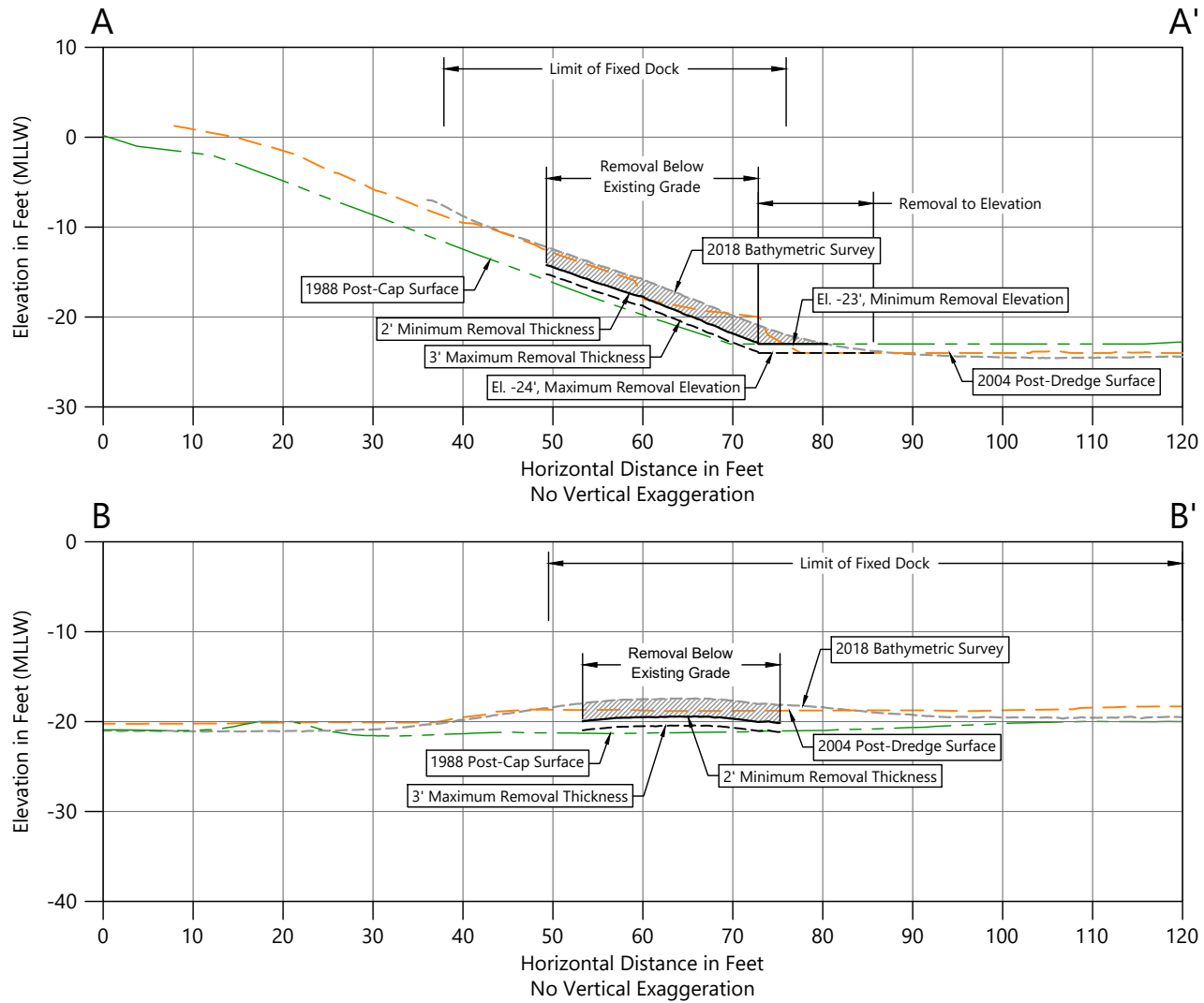


SITE PLAN

REFERENCE #:**APPLICANT:** WestRock CP, LLC**LOCATION:** 801 East Portland Avenue
Tacoma, WA 98421**ADJACENT PROPERTY OWNERS:**

Rangar-Stryder, LLC; Marvin F Poer and Company; RockTenn CP, LLC

NAME: WestRock Wood Debris Dredging Project**PROPOSED:** Maintenance Dredging**PURPOSE:** Removed Wood Debris**HORIZONTAL DATUM:** Washington State Plane, South Zone, NAD83, US Survey Feet
VERTICAL DATUM: Mean Lower Low Water (MLLW)**LATITUDE:** 47.26587 N
LONGITUDE: 122.43112 W
S-T-R: 33, 21 North, 3 East**IN:** St. Paul Waterway
NEAR/AT: Tacoma
COUNTY: Pierce
STATE: Washington**DATE:** July 2021



CROSS SECTIONS

REFERENCE #:

APPLICANT: WestRock CP, LLC

LOCATION: 801 East Portland Avenue
Tacoma, WA 98421

ADJACENT PROPERTY OWNERS:

Rangar-Stryder, LLC; Marvin F Poer and Company; RockTenn CP, LLC

NAME: WestRock Wood Debris Dredging Project

PROPOSED: Maintenance Dredging

PURPOSE: Removed Wood Debris

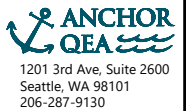
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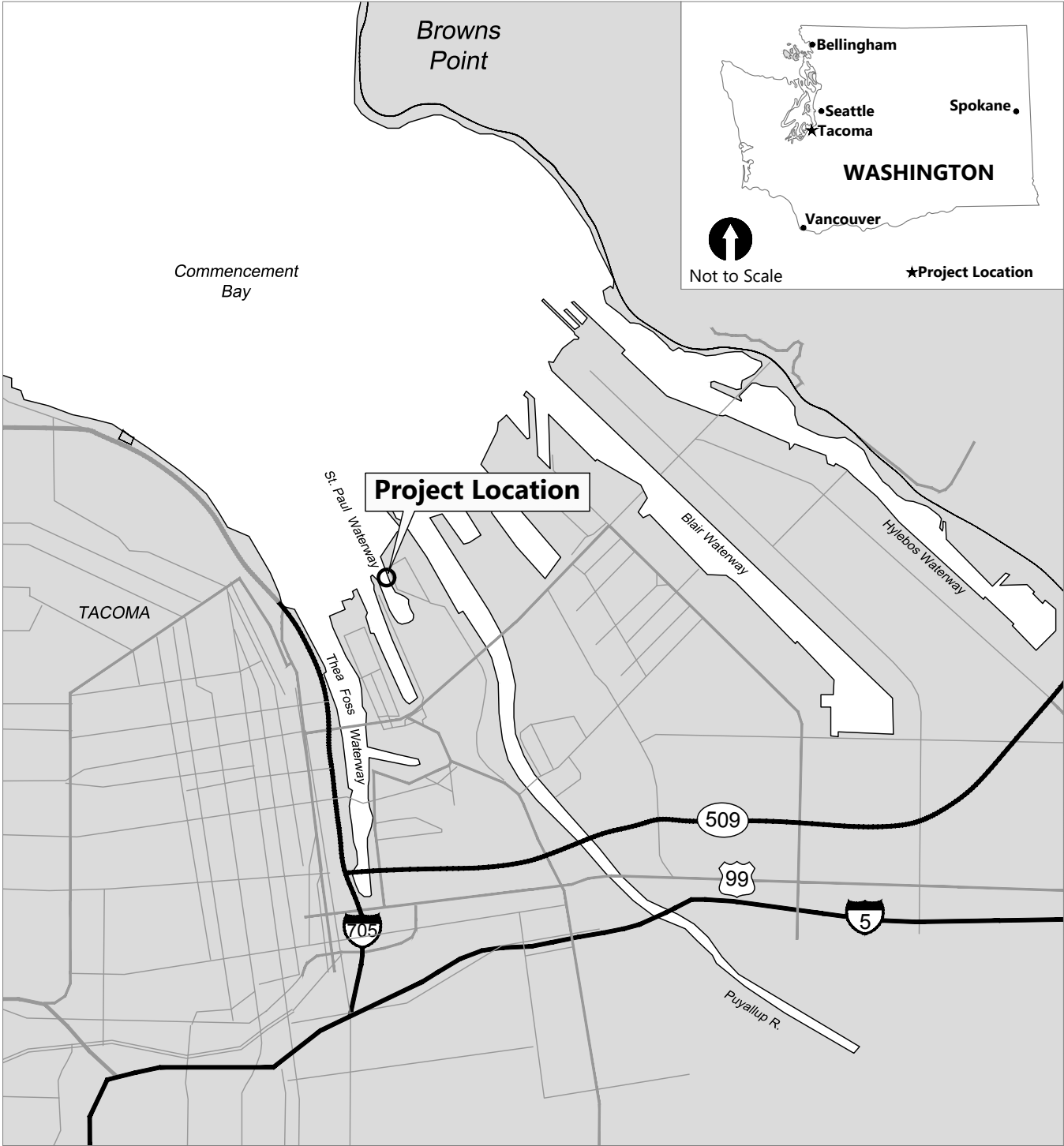
VERTICAL DATUM: Mean Lower Low Water (MLLW)

LATITUDE: 47.26587 N
LONGITUDE: 122.43112 W
S-T-R: 33, 21 North, 3 East

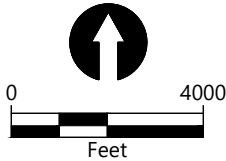
IN: St. Paul Waterway
NEAR/AT: Tacoma
COUNTY: Pierce
STATE: Washington

DATE: July 2021




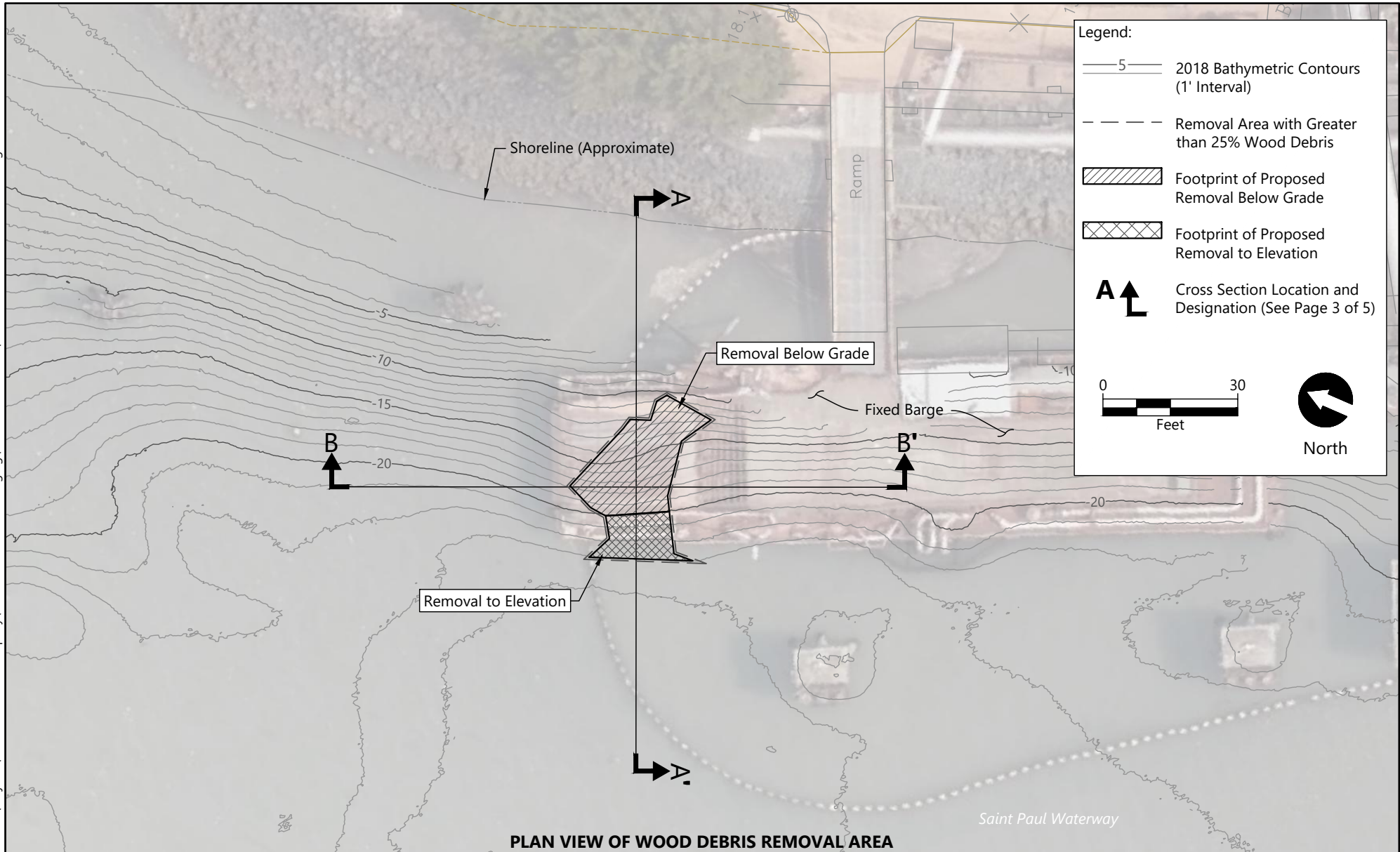


HORIZONTAL DATUM: Washington State Plane
South Zone, NAD83, U.S. Survey Feet



VICINITY MAP

REFERENCE #: NWS-2021-791	NAME: WestRock Wood Debris Dredging Project	LATITUDE: 47.26587 N LONGITUDE: 122.43112 W S-T-R: 33, 21 North, 3 East	 1201 3rd Ave, Suite 2600 Seattle, WA 98101 206-287-9130
APPLICANT: WestRock CP, LLC	PROPOSED: Maintenance Dredging	IN: St. Paul Waterway NEAR/AT: Tacoma COUNTY: Pierce STATE: Washington	
LOCATION: 801 East Portland Avenue Tacoma, WA 98421	PURPOSE: Remove Wood Debris	DATE: April 2022	
ADJACENT PROPERTY OWNERS: Rangar-Stryder, LLC; Marvin F Poer and Company; RockTenn CP, LLC	HORIZONTAL DATUM: Washington State Plane, South Zone, NAD83, US Survey Feet VERTICAL DATUM Mean Lower Low Water (MLLW)	PAGE: 1 OF 5	



PLAN VIEW OF WOOD DEBRIS REMOVAL AREA

REFERENCE #: NWS-2021-791

APPLICANT: WestRock CP, LLC

LOCATION: 801 East Portland Avenue
Tacoma, WA 98421

ADJACENT PROPERTY OWNERS:
Rangar-Stryder, LLC; Marvin F Poer and Company; RockTenn CP, LLC

NAME: WestRock Wood Debris Dredging Project

PROPOSED: Maintenance Dredging

PURPOSE: Removed Wood Debris

HORIZONTAL DATUM: Washington State Plane, South Zone, NAD83, US Survey Feet
VERTICAL DATUM: Mean Lower Low Water (MLLW)

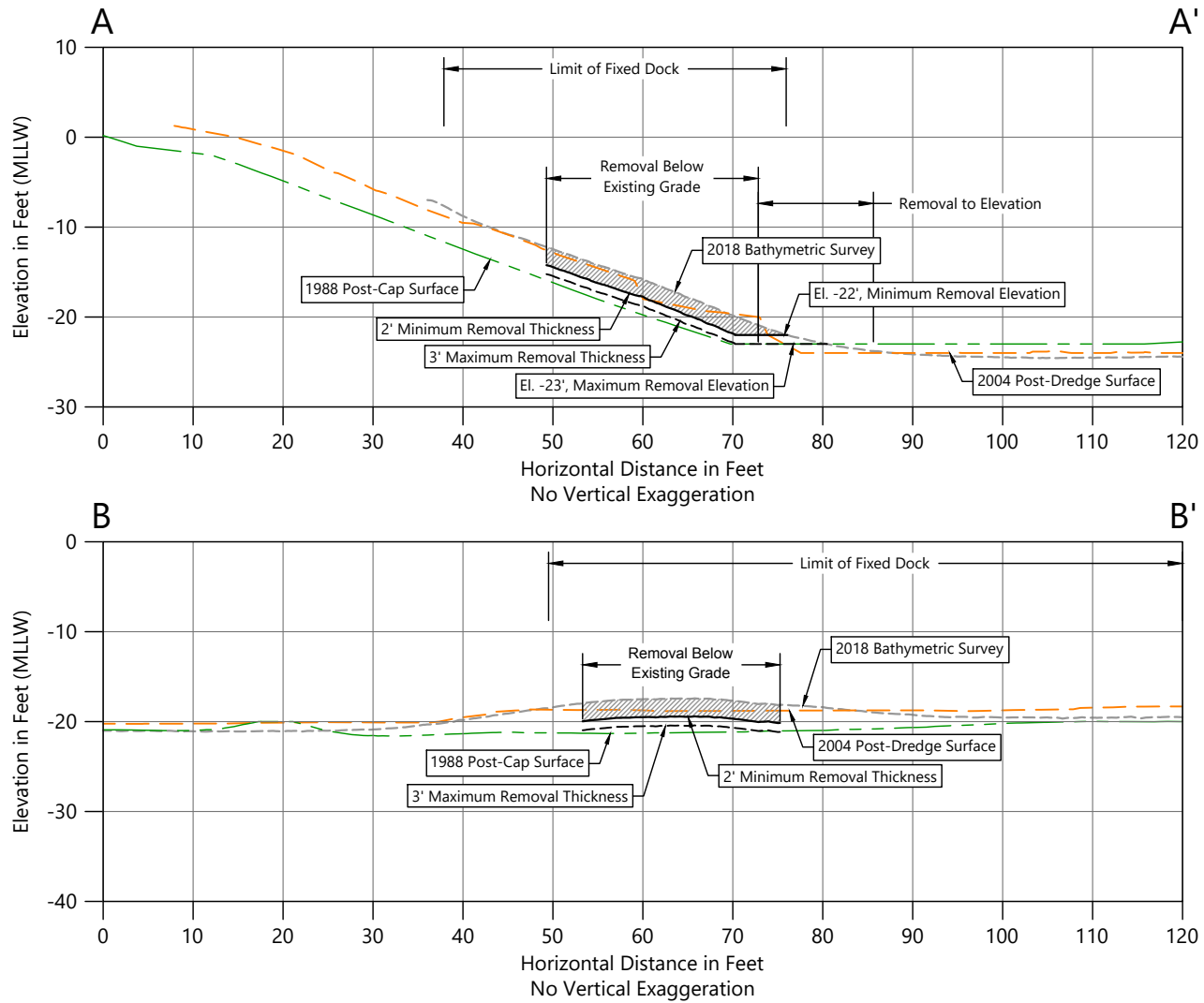
LATITUDE: 47.26587 N
LONGITUDE: 122.43112 W
S-T-R: 33, 21 North, 3 East

IN: St. Paul Waterway
NEAR/AT: Tacoma
COUNTY: Pierce
STATE: Washington

DATE: April 2022

ANCHOR QEA
1201 3rd Ave, Suite 2600
Seattle, WA 98101
206-287-9130

PAGE: 2 OF 5



WOOD DEBRIS REMOVAL AREA CROSS SECTIONS

REFERENCE #: NWS-2021-791

APPLICANT: WestRock CP, LLC

LOCATION: 801 East Portland Avenue
Tacoma, WA 98421

ADJACENT PROPERTY OWNERS:
Rangar-Stryder, LLC; Marvin F Poer and Company; RockTenn CP, LLC

NAME: WestRock Wood Debris Dredging Project

PROPOSED: Maintenance Dredging

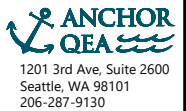
PURPOSE: Removed Wood Debris

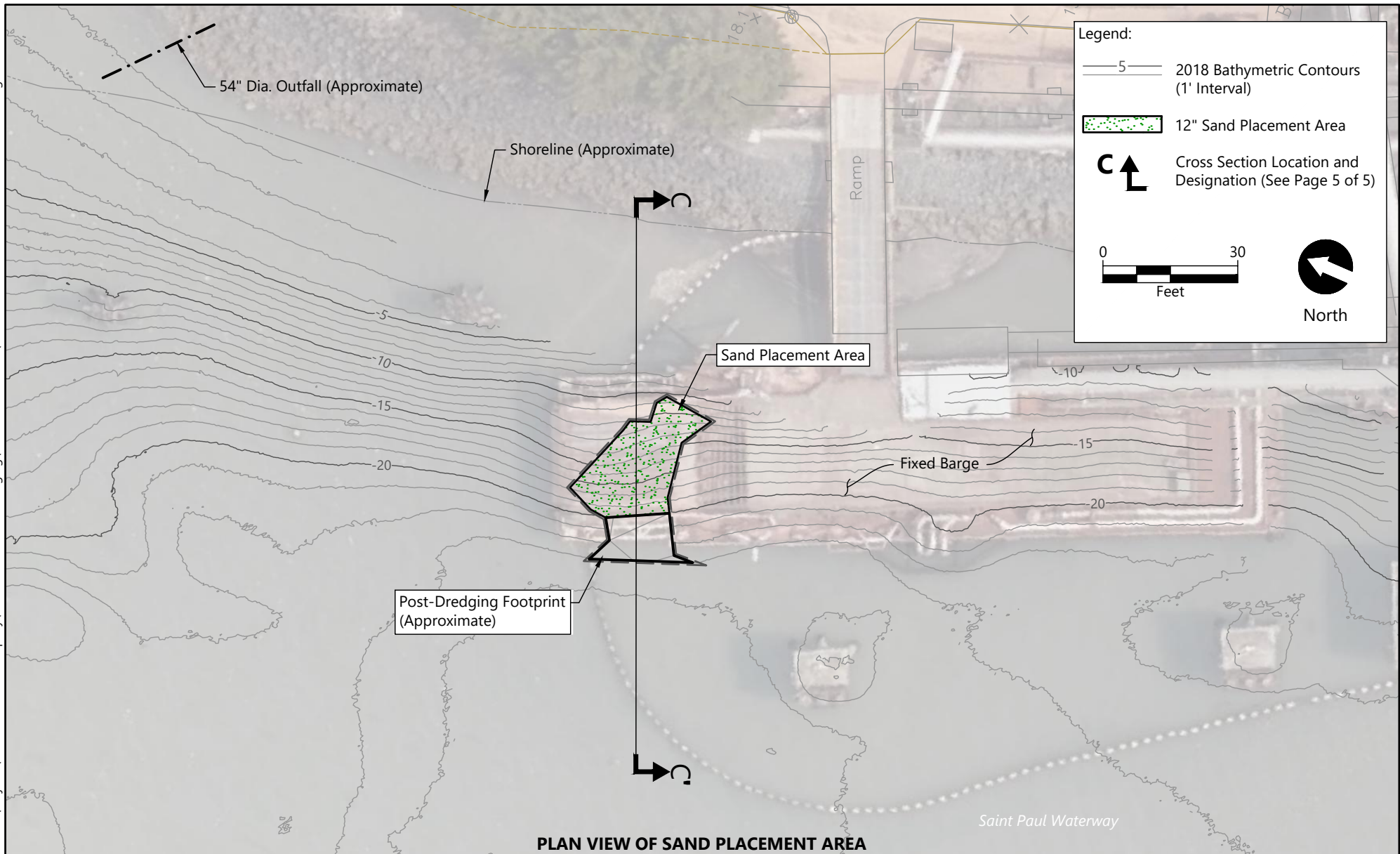
HORIZONTAL DATUM: Washington State Plane, South Zone, NAD83, US Survey Feet
VERTICAL DATUM: Mean Lower Low Water (MLLW)

LATITUDE: 47.26587 N
LONGITUDE: 122.43112 W
S-T-R: 33, 21 North, 3 East

IN: St. Paul Waterway
NEAR/AT: Tacoma
COUNTY: Pierce
STATE: Washington

DATE: April 2022





PLAN VIEW OF SAND PLACEMENT AREA

REFERENCE #: NWS-2021-791

APPLICANT: WestRock CP, LLC

LOCATION: 801 East Portland Avenue
Tacoma, WA 98421

ADJACENT PROPERTY OWNERS:
Rangar-Stryder, LLC; Marvin F Poer and Company; RockTenn CP, LLC

NAME: WestRock Wood Debris Dredging Project

PROPOSED: Maintenance Dredging

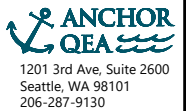
PURPOSE: Removed Wood Debris

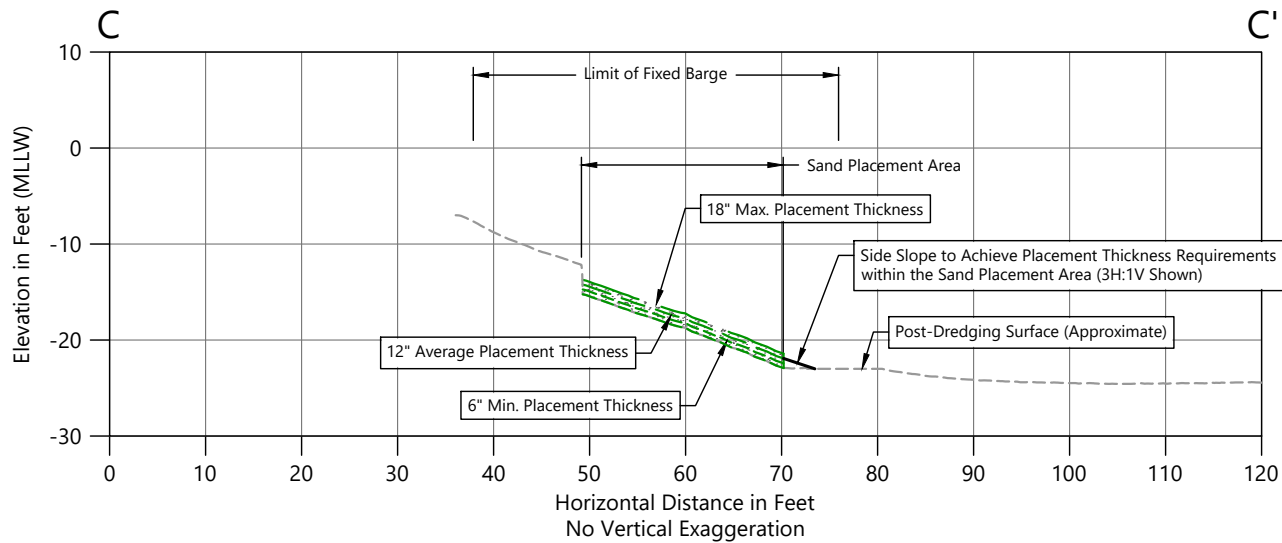
HORIZONTAL DATUM: Washington State Plane, South Zone, NAD83, US Survey Feet
VERTICAL DATUM: Mean Lower Low Water (MLLW)

LATITUDE: 47.26587 N
LONGITUDE: 122.43112 W
S-T-R: 33, 21 North, 3 East

IN: St. Paul Waterway
NEAR/AT: Tacoma
COUNTY: Pierce
STATE: Washington

DATE: April 2022





Notes:

1. Location and extents of existing structures shall be considered approximate and for general reference only. Contractor to verify actual location in field. Contractor shall take care to not damage existing structures.
2. Sediment that sloughs from the side slope area into the dredge area shall be removed to the minimum removal thickness or achieve the required dredge elevation.

Survey Notes:

1. 1988 Post-cap surface digitized from the August 1988 survey presented in the Superfund Completion Report for the St. Paul Waterway (Approximate) (Simpson 1991).
2. 2004 Post-dredge surface from Dredging Completion Report St. Paul Waterway Area Sediment Remedial Action and Habitat Restoration Project (Anchor Environmental LLC 2004).
3. 2018 Bathymetric survey courtesy of Solmar Hydro.

SAND PLACEMENT AREA CROSS SECTION

REFERENCE #: NWS-2021-791

APPLICANT: WestRock CP, LLC

LOCATION: 801 East Portland Avenue
Tacoma, WA 98421

ADJACENT PROPERTY OWNERS:

Rangar-Stryder, LLC; Marvin F Poer and Company; RockTenn CP, LLC

NAME: WestRock Wood Debris Dredging Project

PROPOSED: Maintenance Dredging

PURPOSE: Removed Wood Debris

HORIZONTAL DATUM: Washington State Plane, South Zone, NAD83, US Survey Feet
VERTICAL DATUM: Mean Lower Low Water (MLLW)LATITUDE: 47.26587 N
LONGITUDE: 122.43112 W
S-T-R: 33, 21 North, 3 EastIN: St. Paul Waterway
NEAR/AT: Tacoma
COUNTY: Pierce
STATE: Washington

DATE: April 2022



PAGE: 5 OF 5