Joint Public Notice
Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification

US Army Corps of Engineers
Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone: (206) 316-3049
ATTN: Mr. Evan Carnes,
Project Manager

WA Department of Ecology
SEA Program
Post Office Box 47600
Olympia, WA 98504-7600
Telephone: (360) 407-6076
ATTN: SEA Program,
Federal Permit Coordinator

Public Notice Date: September 24, 2020
Expiration Date: October 24, 2020
Reference No.: NWS-2020-635
Name: Terrell, Rick (Rivershore Drive Marina Maintenance Dredge)

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 revised drawings dated September 23, 2020.

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.

APPLICANT: Mr. Rick Terrell
14807 Southeast Rivershore Drive
Vancouver, Washington 98683
Telephone: (360) 910-2089

AGENT: Flowing Solutions
Attention: Mr. Andrew Jansky
3305 Southwest 87th Avenue
Portland, Oregon 97225
Telephone: (503) 297-6311

LOCATION: In the Columbia River at approximately river mile 114, near 14807 Southeast Rivershore Drive, at Vancouver, Washington.

WORK: The applicant proposes to dredge up to 32,500 cubic yards of accreted sediment from the Rivershore Drive joint-use private marina. Up to 22,500 cubic yards of sediment would be dredged initially, and up to an additional 10,000 cubic yards over a 10-year period. The proposed dredging would maintain a navigation width from the existing dock to the base of the dredge prism of 50 to 70 feet with two 60-foot wide access channels to the main river channel. The proposed dredging would target a depth of -12-feet Columbia River Datum. Dredging would occur via hydraulic suction dredge or clamshell dredge from a barge-mounted crane. Dredged material would be disposed in the flow lane of the Columbia River or discharged as beach nourishment adjacent to the dredge area. Discharge of dredged material location depends on river capacity and sediment characterization. Should flow lane disposal occur, dredged material would be transported by barge and disposed via clamshell or
split-hull barge. Should beach nourishment occur, an outlet pipe would be directed to within a temporarily bermed dewatering area. After material is dewatered it would be graded to a uniform beach slope with an estimated maximum fill of four feet.

PURPOSE: Dredge to maintain vessel access and navigation.

DREDGED MATERIAL MANAGEMENT PROGRAM (DMMP):

Dredged Material Testing: The applicant has chosen not to complete the testing before this Public Notice was published. Prior to completing our review, the proposed dredged material must be tested according to the procedures specified by the Dredged Material Management Program (DMMP). The DMMP evaluation may include both chemical and biological testing of sediments. For this project, the DMMP agencies will determine whether the dredged material is suitable for disposal at a DMMP open-water disposal site or must be disposed of at an upland location. The sediment testing data will be available at the Corps, Seattle District, Dredged Material Management Office.

Disposal Site Use Conditions: The following standard site-use conditions will be specified by the Corps and the Washington Department of Natural Resources as part of the Federal/State permitting processes if a permit is issued: (1) disposal operations must not interfere with Indian treaty fishing at the disposal site, including gill nets and other fishing gear; (2) the permittee must coordinate any nighttime disposal with the Corps, Seattle District, Regulatory Branch Project Manager; and (3) approval must be received from the District Engineer prior to conducting nighttime disposal. Other appropriate special conditions may be added as a result of comments received during the public review period for this public notice.

ADDITIONAL INFORMATION: The applicant has requested the material be dredged over a 10-year period. The location of the ordinary high water mark on the project drawings has not yet been verified by the Corps. If the Corps determines the boundaries of the waters are substantially inaccurate a new public notice may be published.

MITIGATION: No compensatory mitigation is proposed.

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 (USFWS) 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 has reviewed 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. Historic properties are recorded near the proposed project in the uplands. However, they do not occur in the permit area. The nature of the work to be permitted (dredging in an active river channel) is such
that there is little likelihood that a historic property exists or may be affected. 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 United States.

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 a Section 401 Water Quality Certification for the proposed project.

ADDITIONAL EVALUATION: The proposed activity may be exempt from the requirement of obtaining a Shorelines Substantial Development permit.

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.
CORPS COMMENTS: All e-mail comments should be sent to evan.g.carnes@usace.army.mil. Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Evan G. Carnes, 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.

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 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: NWS-2020-635; Terrell, Rick

Encl: Figures (9)
STATE MAP
1. Cover-Locator
2. Existing Survey
3. Proposed DMMU
4. Sections (A)
5. Sections (B)
6. Section (Typical)
7. Disposal Area
8. Beach Nourishment
9. Beach Nourishment Section

VICINITY MAP

LOCATOR MAP

Project Lat/Long: 45.591467°, -122.521991°
Section 34, Township 2S, Range 4E
**Flowing Solutions**

**PROJECT:** RIVERSHORE DRIVE MARINA  
14707 SE RIVERSHORE DR.  
VANCOUVER, WA

**RIVER/MILE:** COLUMBIA RIVER, RM 114.3  
**DATUM:** CRD

**SHEET TITLE:** PROPOSED DMMU

**SHEET NO.** 3

**DATE:** Revised 9/23/2020

**Applicant:** Terrell, Rick

**Sheet 3/9**

**Thickness of Sand to Remove (ft)**

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<tr>
<th>Number</th>
<th>Minimum</th>
<th>Maximum</th>
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<tr>
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**NOTE:** REMOVAL NOT REQUIRED IN GREEN AREAS AT TIME OF SURVEY COLLECTION.

**Dredge Area**

**Target Depth**

-12

**Approximate Slope 1.5H:1V

**DMMU Base With GPS Location**

**Dredge Extent Varies Along Channel**

**No Dredge In Shoal**

**Dredge Area Removal Volume: 22,500 cy**
TYPICAL DREDGE SECTION
Approximate Capacity
33,000 CY
Material Depth Placement 2-3 ft
Maximum Thickness 4 ft
Minimum depth -19.0 CRD

Flow Line Disposal Area
Identified By COE
Navigation Branch Based
On Capacity At Time of
Permit Application. Actual
Area May Be Adjusted
Based on Future Capacity

Flowing Solutions
Portland, OR 97225
Phone (503) 297-6311
3305 SW 87th Avenue

RIVIERE DRIVE MARINA
RIVERSHORE MARINA
VANCOUVER, WA

COLUMBIA RIVER, RM 114.3

DISPOSAL AREAS (BASED ON AVAILABLE CAPACITY)

Beach Nourishment Area

Dredge Work Area

Submerged Pipeline
Or Barge Haul Route
Doze Dewatered Sand Along Shore To this Limit Line. Taper to Match Existing Ground

Temporary Sand Dewatering Berm Create From Onsite and Dredge Material

Raise Existing Grade By 3-5 ft Maximum
Do not Exceed Ordinary High Water Elevation

Remove Berm, Grade To Sloped Beach

Contractor Designed Slope Not to Exceed 3H:1V Slope

Temporary Material Pipeline
Temporary Berm Created By Onsite Sand (Maximum 5 ft Tall, 3:1 Side Slopes)

Regrade Sand Across Beach Remove Berm Upon Completion

Contractor Designed Inlet/Water Level Control System. Maintain Freeboard of Temporary Berm