



**US Army Corps  
of Engineers**  
Portland District

# **PUBLIC NOTICE**

## **Application for Permit**

**Issue Date:** October 14, 2016

**Expiration Date:** November 14, 2016

**30-Day Notice**

**US Army Corps of Engineers No:** NWP-2016-23

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Interested parties are hereby notified the U.S. Army Corps of Engineers, Portland District (Corps) has received an application for a Department of the Army permit for certain work in waters of the United States, as described below and shown on the attached plans. The Corps is soliciting comments on the proposed work.

**Applicant:** Port of Kalama  
Attention: Tabitha Reeder  
110 W. Marine Drive  
Kalama, WA 98625  
Email: treeder@portofkalama.com  
Telephone: (360) 673-2325

**Applicant's Agent:** PND Engineers, Inc.  
Attention: Nicole White  
1736 4th Ave. S., Suite A  
Seattle, WA 98134  
Email: NWhite@pndengineers.com  
Telephone: (206) 624-1387

**Location:** The project is located at an existing marina at the Port of Kalama at 110 West Marine Drive, Kalama, Cowlitz County, Washington (Section 18 of Township 6 North, Range 1). The coordinates of the project are 46.007472N, 122.847939W.

**Waterway:** The project would occur on the shore of the Columbia River at approximately river mile (RM) 75.2.

**Project Purpose:** The purpose of the proposed project is to conduct maintenance of existing marina facilities, install a new dock, and improve habitat function in the marina.

**Project Description:** The proposed project consists of replacement of existing docks and floating structures; maintenance of existing dock structures; expansion of existing structures; and installation of a new dock. The project will replace the marginal float, transient moorage float, boat ramp float, fuel dock, and access floats; repairs will be made to the existing floating moorage houses; and a new visitors' dock along the east edge of the marina basin will be constructed. Approximately 9, 12-inch diameter creosote treated timber piles and 19, 12-inch diameter steel piles will be removed using vibratory extraction. Piles that cannot be extracted will be cut below the mudline. Thirty-six (36), 12-inch diameter steel piles will be installed using

a vibratory hammer; proofing with an impact hammer will not be necessary barring unforeseen installation circumstances. Approximately 10,100 square feet of existing overwater structure will be replaced with approximately 15,450 square feet of new overwater structure. Approximately 14,950 square feet (sf) of the new overwater structure will be grated. All removed piles and floats will be disposed of at an appropriate upland facility.

**Table 1. Existing Structures to be Removed**

	Area below or over OHW (sf)	Deck Surface Type	Piles below OHW creosoted)
<b>Marginal and Transient</b>	7,400	Solid	8 timber, 6 steel
<b>Gangway</b>	100	Solid	---
<b>Boat Ramp Float</b>	960	Solid	4 steel
<b>Fuel Access Floats</b>	1,090	Solid	6 steel
<b>Fuel Dock Gangway</b>	150	Solid	---
<b>Fuel Dock Float</b>	400	Solid	1 timber, 3 steel
<b>Total</b>	<b>10,100</b>		<b>9 timber, 19 steel</b>

\*Overwater area only – does not include areas overlapping with landing float.

**Table 2. Proposed New Structures.**

	Area Below OHW <sup>1</sup> (sf)	Solid Deck Surfaces (sf)	Grated Deck Surfaces <sup>2</sup> (sf)	Total Piles to be Driven below OHW
<b>Aluminum Floats</b> (marginal floats, transient moorage floats, boat ramp floats, fuel-dock access floats, and visitors' dock floats)	13,900	0	13,900	31 steel
<b>Concrete Floats</b> (fuel dock)	500	500	0	3 steel
<b>Aluminum Gangways</b>	1,050*	0	1,050*	0
<b>Concrete Abutments</b>	0	180	0	2 steel
<b>Totals</b>	<b>15,450</b>	<b>680</b>	<b>14,950</b>	<b>36 steel</b>

All new piles will be 12 inches in diameter.

1 = Overwater area only – does not include areas overlapping with landing float or land.

2 = 50 percent of the deck will be grated. Grating allows at least 50% light penetration.

The proposed work is described in detail below.

Replacement of marginal float, transient moorage float, boat ramp float, fuel dock, and access floats:

- Replace existing modular concrete floats (marginal floats, transient moorage floats, boat ramp floats and fuel dock access floats) with new aluminum frame floats (approximately 500 sf solid deck surface, approximately 10,400 sf grated deck surface).

- Replace fuel dock float with a new monolithic concrete float unit.
- Install upgraded utilities along the marginal float and provide improved electrical, lighting, potable water, and fire suppression systems to the marginal and transient floats.
  - Upgrade electrical service to 30 ampere and 50 ampere power pedestals and dock lighting.
  - Install new potable water service and pedestals with freeze protection.
  - Install new fire suppression system consisting of dry fire line with upland fire department connections and standpipes along the floats for fire department use.
  - Reinstall sewer pump-out equipment on widened section of marginal float.
  - Reestablish fuel dispenser and service lines to new fuel float.
  - Reuse existing steel-pipe anchor piles.
  - Remove creosote timber piles and replace with new steel piles. Some of the steel pipe piles will be reused in place, while others will need to be extracted and reinstalled at new locations.
    - Replace existing 210 sf steel gangway on the marginal float located at the south end of marina with a new 415 sf, Americans with Disabilities Act (ADA) compliant, aluminum thru-truss gangway with grated deck and new upland concrete abutment.
      - Replace concrete abutments for boat ramp float and fuel dock access float in-kind.
      - Replace existing fuel dock access gangway with new aluminum thru-truss gangway with grated deck.

Repair the existing floating moorage houses:

- Repair existing float structures, including replacing damaged or deteriorated walers and thru-rods, repair or replace pile hoops, repair damaged concrete surfaces, and other miscellaneous repairs.
  - Repair timber roof structure framing as needed.
  - Upgrade electrical service to 30 ampere and 50 ampere power pedestals and dock lighting.
    - Install new potable water service and pedestals with freeze protection.
    - Install new fire suppression system consisting of dry fire line with upland fire department connections and standpipes along the floats for fire department use.

Construct new visitors' dock:

- Install approximately 3,680 sf of new aluminum-frame floats with grated deck surface for a continuous length of side-tie moorage for short-term visitors' vessels.
  - Install new steel pipe piles to anchor the floats horizontally, while allowing vertical movement of the floats through all water levels.
    - Install new 230 sf, ADA-compliant aluminum thru-truss gangway with fully grated deck and new upland concrete abutment.
      - Install new 30 and 50 ampere electrical service power pedestals and dock lighting.
      - Install new potable water service and pedestals with freeze protection.
      - Install new fire suppression system consisting of dry fire line with upland fire department connections and standpipes along the floats for fire department use.

**Mitigation:** To minimize project impacts, the applicant proposes to remove existing piles using vibratory extraction, install piles using a vibratory hammer, and install grated surface on approximately 95% of replaced and new overwater structures. The applicant did not propose compensatory mitigation in the permit application. The Corps will determine the type and amount of compensatory mitigation necessary to offset environmental losses from the proposed project.

**Drawings:** Seventeen (17) drawings are attached and labeled Corps No. NWP-2016-23. To access the electronic version of this public notice, go to the Portland District website at <http://www.nwp.usace.army.mil/> and select Regulatory Branch Permit Information. At the Regulatory page select Regulatory Public Notices.

**Additional Information:** Maintenance dredging of the marina basin has been authorized separately under NWP-1994-462/1.

**Authority:** The proposed project will be evaluated under the following:

Section 10, Rivers and Harbors Act 1899 (33 U.S.C. 403), for work in or affecting navigable waters of the United States.

**Endangered Species:** Section 7 of the Endangered Species Act (ESA) (16 U.S.C 1536) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or that may adversely modify designated critical habitat. The Corps' preliminary review indicates the described activity may affect an endangered or threatened species or designated critical habitat. The Corps will initiate consultation under Section 7 of the ESA. The Corps will complete the required consultation prior to finalizing a permit decision.

**Essential Fish Habitat:** Section 305(b)(2) of the Magnuson-Stevens Fishery Conservation and Management Act (MSA) as amended (16 U.S.C 1855), requires 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 Corps' preliminary review indicates the described activity would adversely affect EFH at the project location or in the vicinity. The Corps will initiate consultation under Section 305(b)(2) of the MSA. The Corps will complete the required consultation prior to finalizing a permit decision.

**Historic Properties/Cultural Resources:** Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), requires Federal agencies to consult with the appropriate State and/or Tribal Historic Preservation Officer to take into account the effects of actions they undertake or permit on historic properties listed in or eligible for listing in the National Register of Historic Places. The Corps' preliminary review indicates that the described activity is not located on property registered or eligible for registration in the latest published version of the National Register of Historic Places. The permit area has been so extensively modified by modern development that little likelihood exists for the proposed project to affect an undisturbed historic property or any other type of cultural resource.

This notice has been provided to the State Historic Preservation Office (SHPO), interested Native American Indian Tribes, and other interested parties. If you have information pertaining to cultural resources within the permit area, please provide this information to the Corps' project manager identified at the end of this notice to assist in a complete evaluation of potential effects.

**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:** The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the described activity, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the described activity 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, consideration of property ownership and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of the proposed project. Comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this proposal. 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.

**Submitting Comments:** Interested parties are invited to provide comments on the proposed project. Comments may be submitted by conventional mail or email. All comments received will be considered in determining whether authorizing the work would be contrary to the public interest.

Either conventional mail or e-mail comments must include the Corps reference number as shown on page 1 and include the commenter's name and address. 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 Corps reference number. 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.

Additional information about the proposed project may be obtained from the Corps Project Manager listed below. All comments, whether by conventional mail or email, must be received no later than the expiration date of this public notice to ensure consideration. Comments should be submitted to the following mailing address or email address:

U.S. Army Corps of Engineers  
Regulatory Branch  
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