

WAC 197-11-970
DETERMINATION OF NONSIGNIFICANCE
LAKE RIVER SEDIMENT REMEDIATION
RIDGEFIELD, WA

Description of proposal:

Under a Consent Decree between the Department of Ecology (Ecology), Port of Ridgefield (Port), and City of Ridgefield, the Port proposes to remediate contaminated sediments in Lake River offshore of the Port's property at 111 Division Street in Ridgefield, Clark County, Washington. Lake River is a tidally influenced tributary emanating from Vancouver Lake and discharging to the Columbia River via Bachelor Slough. The sediment remediation is part of the cleanup of the Pacific Wood Treating toxic cleanup site in Ridgefield, Washington. Sediments in the river became contaminated from operations of the former Pacific Wood Treating company, which operated from 1964 to 1993.

The purpose of the remedial action is to reduce risks to humans and the environment resulting from the presence elevated levels of chlorinated dibenzo-p-dioxins and dibenzofurans (dioxins). The remedial action was selected by Ecology in accordance with the Model Toxics Control Act, Washington Administrative Code 173-340-380. The design for and the basis of the remedial action are provided in the Pacific Wood Treating Cleanup Action Plan from November 5, 2013.

The selected cleanup for Lake River includes:

- Demolishing some in-water structures, removing pilings, and removing in-water and shoreline debris.
- Constructing a staging and sediment handling area on the upland close to the dredging area.
- Removing the most contaminated sediments using precision mechanical dredging.
- Water quality monitoring during in-water activities.
- Transporting and disposing of contaminated sediments at a regulated landfill.
- Placing clean sands over dredged areas to control residual materials generated from the dredging process and to enhance the process of natural recovery.
- Placing clean sands over areas with lower contamination (but above cleanup levels), outside of the dredging zone.
- Placing filter fabric and a stabilization layer consisting of rounded gravels and cobbles resistant to erosion between the toe of the beach slope to approximately Ordinary High Water along the site shoreline. Turf reinforcement mats will be placed on the bank above the fish mix to protect against erosion during high water events.
- Implementing a Riparian Enhancement Plan to provide native vegetation along the embankment slopes and top of the bank.
- Treating, monitoring, and discharging to Lake River of water from the dredging process.
- In-water work will be performed under the U.S. Army Corps of Engineers, Nationwide Permit #38.

Project proponent:

Port of Ridgefield, under Consent Decree with Ecology (Consent Decree No. 13-2-03830-1, filed in Clark County Superior Court, November 5, 2013).

Location of proposal

Lake River adjacent to Port property located at 111 Division Street, Ridgefield, WA 98642.

Lead Agency

Washington State Department of Ecology

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030 (2)(c). This decision was made after review of a completed environmental checklist and other information on file with Ecology. This information is available to the public on request.

Compliance with requirements of local and state permits

Because the project is being completed under a Model Toxics Control Act Consent Decree, the Port is not required to obtain local or state permits that would otherwise be required for this type of work. However, Ecology must ensure that the project meets the substantive requirements of local and state permits. The SEPA checklist describes the substantive requirements for local and state permits.

- There is no comment period for this DNS.
- This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS.
- This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 14 days from the date below. Comments must be submitted by April 25, 2014.

Comments should be directed to Joyce Mercuri, Site Manager, at Joyce.Mercuri@ecy.wa.gov, or P. O. Box 47775, Olympia, WA 98504-7775

Responsible official: Rebecca Lawson, P.E., LHG
Position/title: Section Manager, Toxic Cleanup Program/Southwest Regional Office, WA State
Department of Ecology
Phone: (360) 407-6241
Address: P.O. Box 47775, Olympia, WA 98504-7775

Date 4/16/14 Signature Rebecca S. Lawson

SEPA Environmental Checklist
Pacific Wood Treating Cleanup Action Plan

WAC 197-11-960 Environmental checklist.

A. BACKGROUND

1. *Name of proposed project, if applicable:*

Lake River Remedial Action

2. *Name of applicant:*

Port of Ridgefield

3. *Address and phone number of applicant and contact person:*

Brent Grening, Executive Director
Port of Ridgefield
PO Box 55
111 W. Division Street
Ridgefield, WA 98642
Tel: (360) 887-3873

4. *Date checklist prepared:*

April 1, 2014

5. *Agency requesting checklist:*

Washington State Department of Ecology (Ecology)

6. *Proposed timing or schedule (including phasing, if applicable):*

The Port anticipates proceeding with staging area construction in summer of 2014 and the Lake River remedial action (sediment dredging and bank stabilization) during the in-water work window of October 1, 2014 through January 15, 2015.

7. *Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.*

The former PWT site includes the Port of Ridgefield Lake River Industrial Site (LRIS), now known as Miller's Landing. The current in-water remedial action is part of the larger cleanup being conducted by the Port of Ridgefield at the former Pacific Wood Treating Co. (PWT) site. Cleanup is being conducted according to the requirements of the Cleanup Action Plan (CAP), within the November 5, 2013 Consent Decree (No. 13-2-03830-1) between Department of Ecology, Port of Ridgefield, and City of Ridgefield. The majority of the upland cleanup on the LRIS has been completed. Future development activities at the LRIS after this cleanup action are described in the Port of Ridgefield 2008 Comprehensive Scheme of Harbor Improvements.

8. *List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.*

Substantial environmental documentation has been prepared for the LRIS regarding the soil, groundwater, and sediment contamination caused by a former Port tenant, Pacific Wood Treating Co.

Applicable to this requested action, a Remedial Investigation/Feasibility Study has been prepared and accepted by Ecology. A CAP describing required cleanup actions was issued by Ecology as an attachment to the Consent Decree. A pre-design sampling report and draft engineering report were also submitted to Ecology.

SEPA Environmental Checklist
Pacific Wood Treating Cleanup Action Plan

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

The Port has applied for a U.S. Army Corps of Engineers permit for dredging of sediment within Carty Lake, which is adjacent to Port property. The Carty Lake project will include a temporary access road across the Port property, construction of a gravel access ramp between the LRIS and Carty Lake and, construction of the sediment handling area discussed in this checklist. The Port has also acquired permits for future development. The current action is discrete from the future development; however, conditions of the future development permits incorporate remedial actions.

10. List any government approvals or permits that will be needed for your proposal, if known.

Clean Water Act Section 404 permit and Section 10 Rivers and Harbors Act authorization—U.S. Army Corps of Engineers (COE). The Port submitted a Joint Aquatic Resources Permit Application (JARPA) to the COE for the Section 404 Permit on September 23, 2013. The COE determined that a Nationwide Permit #38 applies to this project as it will be conducted under a Consent Decree. The COE established an in-water work window of October 1, 2014 through January 15, 2015.

National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit—Ecology. The Port is preparing the application for the construction stormwater general permit to submit to Ecology. This application will include a site-specific stormwater pollution prevention plan.

Right of Entry—Washington State Department of Natural Resources (DNR). The Port provided DNR with the JARPA on September 23, 2013.

Endangered Species Act (ESA) and Magnuson-Stevens Fishery Conservation and Management Act consultation—National Oceanic and Atmospheric Administration Fisheries Service (NOAA-Fisheries). On November 20, 2013, the COE requested an informal consultation by NOAA-Fisheries under Section 7 of the ESA and the Magnuson-Stevens Fishery Conservation Act. The COE determined that the proposed project “may affect, not likely to adversely affect” ESA-listed species. As of this writing, NOAA-Fisheries has not issued a finding for this project.

Demonstration of compliance with the National Historic Preservation Act through coordination with COE and Washington State Department of Archaeology and Historic Preservation (DAHP). The COE has engaged DAHP and affected tribes. The remedial action likely will be conducted under a cultural resources monitoring plan. State compliance will be addressed through federal permitting requirements.

Consistent with MTCA requirements for remedial actions conducted under a Consent Decree (WAC 173-340-710(9)(b)), the project is exempt from the procedural requirements of certain local and state laws, permits, and approvals. Ecology has solicited substantive requirements that will be met for Hydraulic Project Approval from Washington Fish and Wildlife and for City of Ridgefield Shoreline Management permits. Substantive requirements for Water Quality Certification from Ecology will be met (see the Attachment for local and state substantive requirements). The Port will obtain a City of Ridgefield grading/erosion control permit.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The project involves dredging contaminated sediment in areas exceeding remediation levels, with placement of clean sand to enhance the recovery of low-level contamination, and bank stabilization. Existing in-water structures will be removed prior to dredging. These include remnants of infrastructure from historical LRIS river operations such as dolphins, pilings, and a dock. The pilings may be replaced upon completion of the remedy. The dredging and bank areas consists of approximately 13.3 acres: 4.5 acres above jurisdictional ordinary high water (OHW) of 14 feet National Geodetic Vertical Datum of 1929 (NGVD) and 8.8 acres below OHW.

Dredging and ENR Placement

Dredging in a maximum 3.3 acre area will be conducted in a manner that minimizes contaminant release/resuspension and formation of residuals using a method that limits turbidity in Lake River and the potential

for off-site release of contaminants. Debris booms and a supporting work boat will be deployed when existing structures and debris are being removed from the waterway. The boom and boat will capture any debris freed during the removal process for disposal. All fueling of marine equipment will take place within a floating sorbent boom or over sorbent pads away from the edge of the barges and derricks. Fueling will be performed in a manner that will not result in a release to the waterway.

Clean sand for enhanced natural recovery (ENR) will be placed over approximately 7.0 acres in Lake River by mechanical means, using a barge-mounted crane and clamshell bucket. Conservative estimates indicate that after dredging, mixing of the ENR sand layer with the remaining sediment will effectively lower the surficial concentrations of contamination to meet cleanup levels.

Best management practices (BMPs) for water quality will be implemented during construction activities and all in-water construction activities will be monitored consistent with an Ecology-approved water quality monitoring plan. Water generated from the dredging operation will be treated in an upland water treatment facility constructed for that purpose, and discharged back to Lake River.

Bank Treatment

The Lake River project involves bank stabilization and removal of degraded in-water and over-water structures. The Lake River bank within the project area will be covered with a geotextile filter fabric and a fish mix rock stabilization layer from approximately elevation +11 National Geodetic Vertical Datum of 1929/1947 (NGVD) (and up to +18 NGVD in certain areas) to the toe of the bank slope (covering approximately 2.8 acres total). Turf reinforcement mat (TRM) will be placed above the fish mix layer to protect against erosion during high water events. Where the bank treatment work intersects with the existing upland soil cap, measures will be taken to preserve the integrity of the cap and to repair/replace any areas that are disturbed. The new embankment will be planted with native vegetation according to a Riparian Enhancement Plan approved by the COE.

Where possible, the design includes elements to reflect a more natural appearance and to provide greater habitat value. Additional benefits will include: removal of nonnative, invasive, noxious plants from the project site; improved habitat for benthic aquatic organisms; improved public access to nearshore areas; and more aesthetically pleasing views of the shoreline.

12. *Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.*

The project is located in and adjacent to Lake River and on the Port of Ridgefield upland and Department of Natural Resources aquatic land. It can be reached from the Port of Ridgefield property located at 111 Division St in Ridgefield, Washington. The LRIS property is located in the northwest quarter and northeast quarter of section 24, township 4 north, range 1 west of the Willamette Meridian.

Please refer to the site figure included with this SEPA Checklist.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. *General description of the site (circle one):* ~~Flat, rolling, hilly, steep slopes, mountainous,~~
other . . . Sloped shoreline relatively flat river bottom

b. *What is the steepest slope on the site (approximate percent slope)?*

100% slope, on some sections of the embankment.

c. *What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.*

Native silt with some sand and rock from historic fill

SEPA Environmental Checklist
Pacific Wood Treating Cleanup Action Plan

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

Some erosion along shore embankment

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Approximately 10,500 cubic yards of soil will be removed from a 2 acre area for construction of the sediment handling and staging area (to be conducted in Summer of 2014 in association with the related Carty Lake Dredging project). Soils to be removed will be placed in a covered stockpile on the LRIS. The soil will be replaced at the end of the project and the area will be stabilized with straw mulch and seeded.

Clean fill will be placed on the shoreline up to elevation +18 NGVD. As described above, the purpose of the fill is to contain contaminated soils on the Lake River shoreline, and to stabilize the bank from erosion. A maximum of 14,000 cubic yards of preferred gravel substrates mixed with larger river cobbles, referred to as fish mix, will be placed at a minimum of 2 feet thick on the lower bank with a final slope of no greater than 4H:1V. Fish mix will be sourced from a local quarry. A maximum of 13,000 cubic yards of clean sand will be placed in a 1 foot layer over all dredged areas as well as areas of low level contamination. Sand is likely to be sourced from the Columbia River mid-channel maintenance dredge sand and will be analyzed for the standard list of sediment evaluation framework chemicals of concern and dioxins to confirm that the material is not contaminated.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Best management practices will be employed to ensure that erosion does not occur as a result of clearing, construction or use. The project is intended to reduce the possibility of erosion by adding the fish mix rock stabilization layer over the existing bank, resulting in a more gradual slope as well as capping some bank soils with turf reinforcement mat (TRM) as appropriate. Debris removal will occur only within the in-water portions of the project area. No activities that would generate erosion are anticipated above OHW.

A temporary upland construction staging area will be constructed within the LRIS. This staging area will be configured in compliance with the applicable Washington State Erosion Control standard(s).

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

None

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Erosion control will be provided as needed, following the applicable Washington State standards and requirements of the Construction Stormwater General NPDES Permit.

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Short-term air emissions are expected to be limited to diesel and gasoline engine emissions from heavy equipment used for dredging, placement, and disposal of material. No long-term emissions from this proposed action will occur.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No. Sources of air emissions in the project area include vehicle and boat traffic. These emissions will not affect the proposal.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

No impacts to air quality are anticipated as a result of this project, therefore no measures to control emissions are proposed.

3. Water

a. Surface:

- 1) *Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.*

The project is located on the Lake River shoreline and in Lake River.

- 2) *Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.*

The project will require work over and in Lake River and on the shoreline of Lake River. A project description has been provided in Section A 11, above.

- 3) *Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.*

The project will remove approximately 14,000 cubic yards of material through dredge activities in Lake River. A maximum of 13,000 cubic yards of clean Columbia River Center Channel dredge sand will be placed in an approximately 1-foot layer over areas dredged (to manage residuals) and over areas exceeding cleanup levels. A maximum of 14,000 cubic yards of fish mix will be placed from the bottom of the bank slope up to the ordinary high water line (at a minimum) for bank stabilization.

- 4) *Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.*

The project will not require surface water withdrawal or diversion.

- 5) *Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.*

The project lies entirely within the floodplain. Please refer to the attached Figure.

- 6) *Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.*

The proposed project does not involve discharge of waste material to surface water. Precision dredging best management practices, including use of a closed dredge bucket, will be employed to eliminate potential for discharge of dredged sediments to water. Water generated from the dredging process will be treated and monitored consistent with the Ecology-approved water quality plan.

b. Ground:

- 1) *Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.*

No. The in-water work will not result in the withdrawal of or discharge to the groundwater.

- 2) *Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.*

No waste material will be discharged in the groundwater. No septic or sewage system is proposed.

SEPA Environmental Checklist
Pacific Wood Treating Cleanup Action Plan

c. *Water runoff (including stormwater):*

- 1) *Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.*

Water will be generated by the dredging process. Water will be collected and treated for turbidity and organic contaminants by an onsite water treatment system prior to discharge back into Lake River and will meet substantive water quality requirements. A sediment handling and dewatering area will be constructed on an upland portion of the LRIS. Any stormwater that collects within the sediment handling and dewatering area will not run off from the handling area but will be treated by the onsite water treatment system prior to discharge into Lake River.

- 2) *Could waste materials enter ground or surface waters? If so, generally describe.*

The purpose of the planned project is to ensure that contaminated sediments are removed from the river. Adherence to substantive water quality requirements will limit the transport of contaminated materials in surface water. Precision dredging best management practices, including use of a closed dredge bucket, will be employed to eliminate potential for discharge of dredged sediments to water. Water generated from the dredging process will be treated and monitored consistent with the Ecology-approved water quality plan.

d. *Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:*

Fish mix will be added to the bank from at or above the ordinary high water line down the slope to provide long-term stability and erosion control. TRM will be placed above the fish mix layer to the existing gravel trail to protect against erosion during high water events. No excavation is planned for the bank work; however, during construction of the bank stabilization components, care will be taken, through use of plastic sheeting, mulch, straw, and/or other acceptable measures, to protect any disturbed areas from resulting in sediment-laden water, loose soil, or other materials from being discharged to Lake River. A stormwater pollution prevention plan will be developed in accordance with the requirements of the Construction Stormwater General NPDES permit.

4. **Plants**

a. *Check or circle types of vegetation found on the site:*

- deciduous tree: alder, maple, aspen, other*
 evergreen tree: fir, cedar, pine, other
 shrubs
 grass
 pasture
 crop or grain
 wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
 water plants: water lily, eelgrass, milfoil, other
 other types of vegetation

b. *What kind and amount of vegetation will be removed or altered?*

All existing vegetation will be removed as result of dredging and bank stabilization activities. As described in the January 17, 2014 Revised Lake River Riparian Enhancement Plan, existing vegetation is primarily non-native. Native plantings are proposed following remedial work, and will provide the COE-required compensation (2:1 mitigation ratio based on lineal feet) for unavoidable impacts to aquatic resources, including existing vegetation.

c. *List threatened or endangered species known to be on or near the site.*

No federally listed threatened or endangered plant species are expected to occur within the project area during project activities, based on the Lake River Biological Evaluation submitted as part of the JARPA. The COE determined that the proposed project “may affect, not likely to adversely affect” ESA-listed fish species.

- d. *Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:*

Landscaping is not currently proposed in Lake River or on the bank below ordinary high water. Native tree and shrub plantings in the riparian habitat above ordinary high water will span approximately 500 lineal feet, and the remainder will be planted with native grasses, as described in the January 17, 2014 Revised Lake River Riparian Enhancement Plan.

5. **Animals**

- a. *Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:*

birds: hawk, heron, eagle, songbirds, other: various songbirds, raptors, and waterfowl are common in the area due to the proximity of the high-quality habitat in the Ridgefield National Wildlife Refuge

mammals: deer, bear, elk, beaver, other: mink, river otter, opossum, coyote, and raccoons

fish: bass, salmon, trout, herring, shellfish, other: carp

- b. *List any threatened or endangered species known to be on or near the site.*

Species federally listed as threatened or endangered that may occur in or near the project area include Columbian white-tailed deer, steelhead (rainbow trout), chinook salmon, coho salmon, chum salmon, sockeye salmon, and Pacific smelt (Eulachon). Federally designated Pacific salmon and eulachon critical habitat is identified for Lake River and/or the nearby Columbia River mainstem.

- c. *Is the site part of a migration route? If so, explain.*

The LRIS is in the generally defined Pacific Flyway for migrating birds, a broad migratory corridor that extends from Alaska to Baja California. The property is also in close proximity to the Ridgefield National Wildlife Refuge.

- d. *Proposed measures to preserve or enhance wildlife, if any:*

The currently proposed remedial action has been designed to reduce adverse impacts to environmental health through exposure to toxic substances currently in the Lake River project area.

6. **Energy and natural resources**

- a. *What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.*

Not applicable to the current project.

- b. *Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.*

This project will not affect the potential use of solar energy by adjacent properties.

- c. *What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:*

Not applicable to the current project.

7. **Environmental health**

- a. *Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.*

SEPA Environmental Checklist
Pacific Wood Treating Cleanup Action Plan

The remedial action has been selected to limit potential exposure to chemicals. Sediments to be dredged contain elevated levels of dioxins. To protect workers, work will be conducted in compliance with a health and safety plan (HASP) consistent with Washington Industrial Safety and Health Act. The project also involves typical risks, such as vehicle leaks, from operation of construction equipment. To control these risks, the contractor will abide by a spill prevention, control and countermeasure plan (SPCC).

1) *Describe special emergency services that might be required.*

No special emergency services are anticipated.

2) *Proposed measures to reduce or control environmental health hazards, if any:*

Implementation of the HASP and SPCC will minimize potential environmental health hazards. Contractors will have appropriate health and safety training and personal protective equipment.

b. Noise

1) *What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?*

There are no existing noises in the area that are anticipated to affect the current project.

2) *What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.*

The proposed action will generate short-term noise from construction equipment, truck and boat traffic. The normal hours of operation on the site are expected to be from 7:00am to 10:00pm; these hours are consistent with the City of Ridgefield Municipal code.

3) *Proposed measures to reduce or control noise impacts, if any:*

Remedial action activities will be carried out in a manner consistent with the City of Ridgefield Municipal Code.

8. Land and shoreline use

a. *What is the current use of the site and adjacent properties?*

The LRIS property is currently vacant except for the Port's administrative, maintenance, and operations offices. A public boat launch ramp, parking area, and restrooms are located at the south end of the property. Existing uses adjacent to the LRIS property include the Ridgefield National Wildlife Refuge to the north, railroad tracks and single-family residences to the east, and a houseboat marina to the south. The City's waste water treatment plant operates to the north and east of the site.

Lake River is used by recreationists (i.e., personal watercraft, water skiing, kayaking, swimming, and other beach activities) and fishers (by boat or from nearby piers). Lake River provides habitat for water-dependent ecological receptors, including aquatic plants, benthic invertebrates, fish, piscivorous mammals, and piscivorous raptors.

b. *Has the site been used for agriculture? If so, describe.*

The site has not been used for agriculture.

c. *Describe any structures on the site.*

Infrastructure remnants of historical LRIS river operations located in the Lake River project area include some degraded dolphins, degraded pilings, and a possible submerged bulkhead and other debris. Until recently, a public access dock at the end of Division St. was used by recreationists (e.g., kayaking access) when open. A small dock with a pumphouse structure exists at the north end of the site.

d. *Will any structures be demolished? If so, what?*

All existing in-water structures except for the small pumphouse dock will be demolished as part of the proposal project.

e. *What is the current zoning classification of the site?*

The site is currently zoned Waterfront Mixed Use.

f. *What is the current comprehensive plan designation of the site?*

The current comprehensive plan designation is Mixed Use.

g. *If applicable, what is the current shoreline master program designation of the site?*

The current shoreline master program designation is High Intensity.

h. *Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.*

The site is located entirely within the Lake River Floodway Fringe, as identified on the Ridgefield Sensitive Lands Map. The site is also located within a Riparian Priority Habitat and Species Area.

i. *Approximately how many people would reside or work in the completed project?*

None

j. *Approximately how many people would the completed project displace?*

None

k. *Proposed measures to avoid or reduce displacement impacts, if any:*

None

l. *Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:*

The proposed in-water remedy will not preclude development of the upland portions of the LRIS.

9. **Housing**

a. *Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.*

None

b. *Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.*

None

c. *Proposed measures to reduce or control housing impacts, if any:*

None

10. **Aesthetics**

a. *What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?*

Not applicable.

SEPA Environmental Checklist
Pacific Wood Treating Cleanup Action Plan

b. *What views in the immediate vicinity would be altered or obstructed?*

Not applicable.

c. *Proposed measures to reduce or control aesthetic impacts, if any:*

None

11. Light and glare

a. *What type of light or glare will the proposal produce? What time of day would it mainly occur?*

None

b. *Could light or glare from the finished project be a safety hazard or interfere with views?*

No

c. *What existing off-site sources of light or glare may affect your proposal?*

None

d. *Proposed measures to reduce or control light and glare impacts, if any:*

Not applicable

12. Recreation

a. *What designated and informal recreational opportunities are in the immediate vicinity?*

Boating, fishing, nature watching

b. *Would the proposed project displace any existing recreational uses? If so, describe.*

The immediate work area in the river will be temporarily inaccessible. Boats will be able to pass on the west side of the channel.

c. *Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:*

The proposed action will facilitate and improve recreation activities in the area by removing contaminants from the environment.

13. Historic and cultural preservation

a. *Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.*

One precontact archaeological site has been identified in the immediate vicinity of the project. Site 45CL4 is on the east bank of the river, partially within the LRIS.

b. *Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.*

As noted above, site 45CL4 is within the vicinity of the site.

In December 2012, precontact artifacts were encountered in a sediment core in Lake River. The artifacts consisted of four pieces of fire-cracked rock and one lithic tool fragment.

c. *Proposed measures to reduce or control impacts, if any:*

Based on review of Archeological Data on the Stratigraphic Context of Archaeological Deposits in Lake River prepared June 25, 2013 the LRIS remedial action will occur within the framework of a Monitoring and Inadvertent Discovery Plan (IDP). A draft plan was submitted to the COE March 17, 2014 and may be further developed through the involvement of the appropriate Tribes and agencies.

14. Transportation

- a. *Identify public streets and highways serving the site, and describe proposed access to the existing street system.*

Show on site plans, if any.

The LRIS site is served by Division Street, which is a City of Ridgefield right-of-way. The area impacted by the current proposal is not adjacent to a public street.

- b. *Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?*

The site is not served by public transit. The C-Tran Ridgefield Express bus runs between the Ridgefield Park & Ride located at NW 269th Street and NW 11th Avenue and the Salmon Creek Park and Ride at NE 134th Avenue and the I-5 freeway.

- c. *How many parking spaces would the completed project have? How many would the project eliminate?*

The proposed project would not require any new parking spaces or eliminate existing parking spaces.

- d. *Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).*

The proposed project would not require any new roads. There will be temporary construction access to the sediment handling area.

- e. *Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.*

The project may barge dredge spoils up the Columbia River for disposal. Sand and gravel may be barged to the site. Otherwise, rail, or air transportation will not be used.

- f. *How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.*

The completed project will not generate any vehicular trips.

- g. *Proposed measures to reduce or control transportation impacts, if any:*

The project will not create any permanent transportation impacts.

15. Public services

- a. *Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.*

The proposed project will not create an increased need for public services.

- b. *Proposed measures to reduce or control direct impacts on public services, if any.*

Since there are no anticipated impacts, there are no proposed reduction or control measures.

16. Utilities

- a. *Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.*

SEPA Environmental Checklist
Pacific Wood Treating Cleanup Action Plan

Most utilities are available at the LRIS, however the area subject to the current project proposal does not have any utilities available.

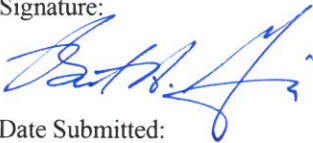
b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

No utilities are needed or proposed for the project.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:



Date Submitted:

4-8-14



Source: Aerial photograph (2013) obtained from the National Agriculture Imagery Program (NAIP); taxlot and road data obtained from Clark County (August 2013).

Note: ENR = enhanced natural recovery

MAULFOSTER ALONGI
 p. 971 544 2139 | www.maulfooster.com

This product is for informational purposes and may not have been prepared for, or be suitable for, legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Legend






-  Dredge Prism
-  Fish Mix
-  Clean Soil
-  Gravel
-  ENR Sand

Figure Lake River Remedy Areas

Lake River Remedial Action
 Port of Ridgefield
 Ridgefield, Washington

