

SEPA ENVIRONMENTAL CHECKLIST

UPDATED 2014

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants: [\[help\]](#)

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. background [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#)

Anchor Point Cowlitz River Dredged Material Disposal Site

2. Name of applicant: [\[help\]](#)

Winters Anchor Point, LLC

3. Address and phone number of applicant and contact person: [\[help\]](#)

Winters Anchor Point, LLC
Contact: Casey Winters
PO Box 396
Longview, WA 98632
(360) 431-4604

4. Date checklist prepared: [\[help\]](#)

October 16, 2020

5. Agency requesting checklist: [\[help\]](#)

City of Kelso

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)

The proposal is to renew the Shoreline Substantial Development Permit (SSDP) for the site's ongoing use as a dredged material disposal area and subsequent surface mining of that material. The placement of dredged material on the site will occur during the Corps' approved in-water work windows, while surface mining activities are current and ongoing. The existing permit is set to expire on March 21, 2021 and the new permit would take effect beginning March 22, 2021 through March 22, 2026.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)

There are currently no plans for future additions, expansions, or further activity related to the proposal.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)

*Habitat Management Plan (ELS, October 2020)
Shoreline Narrative (ELS, October 2020)
Joint Aquatic Resources Permit Application (JARPA)(ELS, October 2020)
Critical Areas Report (ELS, October 2020)*

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. [\[help\]](#)

The use of the site is affected by the permits granted to the U.S. Army Corps of Engineers (Corps) for dredging along the Cowlitz and Columbia Rivers.

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)

Critical Areas Permit (City of Kelso)

Shoreline Substantial Development Permit (City of Kelso)

Hydraulic Permit Approval (HPA)(Washington Department of Fish and Wildlife)

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.) [\[help\]](#)

The project proposes the continued placement and/or removal of approximately 0.5 to 2.2 million cubic yards (mcy) annually of Cowlitz and Columbia River dredged material on the site from 2021 through 2026. The dredging of the lower Cowlitz and Columbia Rivers is performed on an as-needed basis following flood control assessments completed by the Corps. Mechanical dredging will occur during approved in-water work windows, with dredge material hydraulically pumped into the Anchor Point disposal area. Upon disposal, dredge materials are dewatered within the upland disposal area that is contained by a system of berms. Water is stored within settling ponds to allow sediment to filter out before being released through a series of weirs and routed to temporary outfalls to be discharged into Carrolls Channel. The outfalls extend approximately 40-feet waterward of the ordinary high water mark (OHWM) of the channel in order to prevent bank scour and sediment transport during discharge. Following dewatering, the dredge material (primarily sand) is mined and removed under a Washington Department of Natural Resources (DNR)-issued surface mining permit. Access by trucks and machinery associated with the mining is done from a series of existing gravel roads and will occur solely in uplands, within the clearly marked mining boundary.

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. [\[help\]](#)

The site is located at 3000 Old Pacific Highway, in Kelso, WA, on the east side of the Columbia River, encompassing parcels 24100, 24393, 24392, and 24092. The project is located in Sections 11, 12, and 13, Township 7N, Range 2W of the Willamette Meridian. The site is bordered by the Cowlitz River and Carrolls Channel, where the Cowlitz River enters the Columbia River. Interstate-5 is located to the northeast of the site and Burlington Northern Santa Fe (BNSF) rail lines are to the east and north of the property.

The geographic coordinates of the project are 46.101308, -122.892532

B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

1. Earth

a. General description of the site [\[help\]](#)

(circle one): Flat, rolling, hilly, steep slopes, mountainous,
other areas of hummocks and sloping land from dredged material disposal

b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)

The steepest mapped slope onsite is approximately 2 percent; however, the existing disposal and mining area contains steeper, and in some cases, near vertical slopes.

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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [\[help\]](#)

According to the NRCS web soil survey, the site consists of silt loams, clay loams, and fine sandy loams. Approximately 200 acres of the site has been used for upland disposal of dredged material during the emergency operations following the eruption of Mount St. Helens in the 1980s.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)

There are no surface indications or history of unstable soils onsite or in the immediate vicinity.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [\[help\]](#)

There will be some moving of the dredged material around the site to level it. The anticipated amount of dredged material to be placed is approximately 0.5 to 2.2 mc annually. The source of dredged material will be the Cowlitz and Columbia Rivers.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [\[help\]](#)

No erosion is anticipated as a result of dredge disposal and surface mining. Dredged material will be placed in, and mined from, the existing approximately 200-acre disposal area that is contained by a series of berms and catchment basins that allow sediments to settle out and water to be treated prior to release into Carrolls Channel. The containment of mining activities inside of the designated berms prevents impacts from erosion and runoff into the adjacent waterbodies.

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

The site will not be covered in any additional impervious surfaces due to this proposal.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)

The existing dredge disposal and mining area is surrounded by a series of berms that serve to control and prevent erosion and watered sand from leaving the disposal site.

2. Air

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [\[help\]](#)

Air emissions during project work will be minimal and temporary. Grading equipment used to move the dredged material after placement and trucks and loaders utilized to transport the material once it is sold will create a small amount of temporary emissions.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)

There are no offsite sources of emissions or odor that will affect this proposal.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)

Vehicles will have properly functioning exhaust systems. There are no other proposed measures to control emissions or impacts to air as all emissions will be minimal and temporary.

3. Water

- a. Surface Water: [\[help\]](#)

- 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. [\[help\]](#)

The site is bordered by the Cowlitz River to the northwest and Carrolls Channel (a channel of the Columbia River) to the southwest, with the Columbia River mainstem located approximately 3,000 feet to the west. All three waterbodies are classified as Type S Shorelines of Statewide Significance. The forested tract to the east of the dredge disposal area consists of a mosaic of lowland forest and wetland that connects seasonally to the Cowlitz River. A riverine wetland extends along Carrolls channel just north of the outfalls and is located entirely below the ordinary high water mark (OHWM) of the channel.

- 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. [\[help\]](#)

Material will be dredged from the Cowlitz and Columbia Rivers and hydraulically piped to the existing 200-acre upland disposal site. The area of the property to be used for

dredged material placement is shown on Sheet 2 of the JARPA sheet set as the central, unvegetated portion of the site.

- 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. [\[help\]](#)

The project proposes the ongoing placement and/or removal of approximately 0.5 to 2.2 mcy of dredged material annually from 2021 through 2026.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

No, there will be no surface water withdrawals or diversions.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [\[help\]](#)

The elevation of the area where dredged material will be placed is above the 100-year floodplain as a result of dredge spoils being placed there since the 1980s. Portions of the site outside of the dredge placement area to the south, east and northwest are within the 100-year floodplain.

- 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. [\[help\]](#)

No, the proposal does not involve discharges of waste materials to surface waters; however, clean water will be released to Carrolls channel following dewatering of the placed dredged materials.

b. Ground Water:

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

No groundwater will be withdrawn and no water will be discharged into groundwater. Water released from water-laden dredged materials will infiltrate into uplands below the disposal area or will be routed to settling ponds for sediment to filter out prior to being released from temporary outfalls within Carrolls Channel.

- 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. [\[help\]](#)

There will be no waste material discharged during the project. The only discharge to the ground will be clean water from the dredged material settling ponds.

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. [\[help\]](#)

The source of runoff from the project will be water that was contained in the dredged material originating from the Cowlitz and Columbia Rivers. Water that seeps from the dredged material will be detained in settling basins in the upland disposal area where it will infiltrate into uplands or pass through a series of settling ponds and weirs before being conveyed through the temporary outfalls into Carrolls Channel.

- 2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)

No. Water discharged from the dredged material is not anticipated to enter ground or surface waters until it has been detained or slowly infiltrated, ensuring that only clean water will be released.

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

The project does not alter or affect drainage patterns in the vicinity of the site as no impervious surfaces are to be created and the dredge placement area has been in place since the 1980s.

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

Dredged material will be placed on the site at a slope to direct water discharges inland, away from the adjacent water bodies. Water that has not infiltrated into uplands will be detained in settling basins to allow sediment to filter out before passing through a weir and being released into Carrolls Channel. The above measures will ensure that only clean and controlled runoff leaves the site.

4. **Plants** [\[help\]](#)

- a. Check the types of vegetation found on the site: [\[help\]](#)

deciduous tree: alder, maple, aspen, other

evergreen tree: fir, cedar, pine, other

shrubs

grass

pasture

crop or grain

Orchards, vineyards or other permanent crops.

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? [\[help\]](#)

Any grass, weeds, or shrubs currently growing in dredge spoils in the disposal area will be removed or covered as dredged material is placed. The vegetation in this area primarily consists of invasive, secondary volunteer vegetation that grows well in disturbed areas. No vegetation removal is anticipated as a result of the temporary outfalls; however, species may establish between outfall removal and installation periods. If these species are damaged or removed, they will re-establish quickly resulting in temporary, self-mitigating impacts.

c. List threatened and endangered species known to be on or near the site. [\[help\]](#)

There are no known listed threatened or endangered plant species on or near the site

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

The project does not propose landscaping or enhancement of vegetation onsite.

e. List all noxious weeds and invasive species known to be on or near the site.

Scot's broom (Cytisus scoparius) is present onsite.

5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include: [\[help\]](#)

birds: hawk, heron, eagle, songbirds, other: osprey, geese, ducks.
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other steelhead

b. List any threatened and endangered species known to be on or near the site. [\[help\]](#)

Table 1 below shows state and federally listed species, priority habitats, and habitats and species of local importance that are mapped on or near the site. The list was determined through a reconnaissance of habitat onsite, review of current and historic aerial photographs, species listing websites prepared by National Marine Fisheries Service (NMFS 2020), U.S. Fish and Wildlife Service (USFWS 2020), Washington Department of Fish and Wildlife (WDFW 2020), and Washington Department of Natural Resources (DNR 2020).

Table 1. Federal and State Listed Species, Priority Habitats, and Habitats/species of Local Importance Present on or Near the Site

Species/Priority Habitat/PHS Listing ¹	State Status	Federal Status	Critical Habitat In Vicinity?
<i>Fish</i>			
Chinook Salmon (<i>Onchorhynchus tshawytscha</i>)			
Lower Columbia River Chinook ESU ²	Candidate	Threatened	Yes
Upper Willamette River Chinook ESU	Candidate	Threatened	Yes
Upper Columbia River Spring-run Chinook ESU	Candidate	Endangered	Yes

Species/Priority Habitat/PHS Listing ¹	State Status	Federal Status	Critical Habitat In Vicinity?
Snake River Spring-run Chinook ESU	Candidate	Threatened	Yes
Snake River Fall-run Chinook ESU	Candidate	Threatened	Yes
Chum Salmon (<i>Onchorhynchus keta</i>)			
Columbia River Chum Salmon ESU	Candidate	Threatened	Yes
Coho Salmon (<i>Onchorhynchus kisutch</i>)			
Lower Columbia River Coho Salmon ESU	Candidate	Threatened	Yes
Pink Salmon Odd Year (<i>Onchorhynchus gorbusha</i>)	PHS Listed	None	No
Sockeye Salmon (<i>Onchorhynchus nerka</i>)			
Snake River Sockeye DPS ³	Candidate	Endangered	No
Steelhead (<i>Onchorhynchus mykiss</i>)			
Lower Columbia River Steelhead DPS	Threatened	Threatened	Yes
Upper Willamette River Steelhead DPS	Threatened	Threatened	Yes
Middle Columbia River Steelhead DPS	Threatened	Threatened	Yes
Upper Columbia River Steelhead DPS	Threatened	Threatened	Yes
Snake River Basin Steelhead DPS	Threatened	Endangered	Yes
North American Green Sturgeon Southern DPS (<i>Acipenser medirostris</i>)	None	Threatened	No
Eulachon (Columbia River Smelt Southern DPS (<i>Thaleichthys pacificus</i>))	Candidate	Threatened	No
Bull Trout – Columbia River DPS (<i>Salvelinus confluentus</i>)	Candidate	Threatened	No
River Lamprey (<i>Lampetra ayresi</i>)	Candidate	Candidate	No
<i>Birds</i>			
Bald Eagle (<i>Haliaeetus leucocephalus</i>)	Delisted	Species of Concern	No
Northern Goshawk (<i>Accipiter gentilis</i>)	Candidate	Species of Concern	No
Pileated Woodpecker (<i>Dryocopus pileatus</i>)	Candidate	None	No
Purple Martin (<i>Progne subis</i>)	Candidate	None	No
Slender-billed, White-breasted Nuthatch (<i>Sitta carolinensis</i>)	Candidate	Species of Concern	No
Streaked Horned Lark (<i>Eremophila alpestris strigata</i>)	Endangered	Threatened	No
Vaux's Swift (<i>Chaetura vauxi</i>)	Candidate	None	No
Western Grebe (<i>Aechmophorus occidentalis</i>)	Candidate	None	No
Yellow-billed Cuckoo – Western DPS² (<i>Coccyzus americanus</i>)	Endangered	Threatened	No
<i>Mammals</i>			
Townsend's Big-Eared Bat (<i>Corynorhinus townsendii</i>)	Candidate	Species of Concern	No
<i>Plants</i>			
Soft-leaved Willow (<i>Salix sessilifolia</i>)	Sensitive	None	No
<i>Priority Habitats/Habitats of Local Importance</i>			
Freshwater Wetlands			
Instream			
Riparian			
California Sea Lion (<i>Zalophus californicus</i>) Haul-out Area			
Waterfowl Concentrations			
¹ Washington State Priority Habitats and Species website listing ² Evolutionary significant unit ³ Distinct population segment.			

- c. Is the site part of a migration route? If so, explain. [\[help\]](#)

Yes, anadromous fish migrate through Carrolls Channel and the Cowlitz River adjacent to the site, and the Pacific flyway, a bird migration route, intersects the site.

- d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)

The above mentioned detention of water from the placement of dredge material within onsite berms and settling ponds will prevent turbid runoff from re-entering the adjacent water bodies. Placement of the temporary outfall pipes and installation of weirs will not impede migration and are not anticipated to have any impacts on wildlife on or near the site.

- e. List any invasive animal species known to be on or near the site.

None known

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. [\[help\]](#)

No energy sources will be utilized as the proposal is for the placement and subsequent mining of dredge materials.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [\[help\]](#)

No, the proposed placement of dredged material will not inhibit solar energy use by adjacent properties as it will be located in the center of the site and would not "shade out" adjacent parcels.

- 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: [\[help\]](#)

None are proposed as the project is for the continued placement of dredged material.

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. [\[help\]](#)

- 1) Describe any known or possible contamination at the site from present or past uses.

There is no known contamination onsite from current or past uses.

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

There are no known hazardous conditions that might affect the proposed project as the site has been operating as a dredged material disposal site since the 1980s.

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

No hazardous chemicals will be used or stored for the project.

- 4) Describe special emergency services that might be required.

No special emergency services will be required for the project.

- 5) Proposed measures to reduce or control environmental health hazards, if any:

There are no proposed measures as no environmental health hazards are anticipated.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [\[help\]](#)

There are no noise sources in the area that will affect the 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. [\[help\]](#)

Construction equipment used to level and transport dredged material may produce noise that is higher than ambient levels. Any noise associated with grading and work at the disposal site will be short term and will typically occur around the clock until the Corps has reached the desired dredge depths in the Cowlitz and Columbia Rivers. Other noises that will occur after the placement of the dredged material include those from trucks and loading equipment moving material offsite. As this project is currently ongoing, the anticipated noise will be consistent with current levels.

- 2) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)

Vehicles will have properly functioning exhaust systems. There are no other proposed measures as noise impacts are not anticipated to increase over current conditions and will be temporary.

8. Land and shoreline use

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [\[help\]](#)

The project site has historically been used for dredged material disposal since the 1980s and the project proposes to continue this use. Properties adjacent to the site are similarly zoned for industrial purposes, do not contain structures and consist of primarily undisturbed wetland/upland complexes. There is a BNSF railway to the northeast of the site and beyond that lies Interstate-5. To the northwest and southwest, the site is bound by the Cowlitz River and Carrols Channel.

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [\[help\]](#)

The project site has not been used as working forest or farmlands. The site has served as a dredged material disposal site since the 1980s.

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

The project will not affect or be affected by surrounding farming or forest land operations.

- c. Describe any structures on the site. [\[help\]](#)

There is only one structure within the site; a weigh station that is currently in use. Multiple gravel roads intersect the site.

- d. Will any structures be demolished? If so, what? [\[help\]](#)

No structures will be demolished.

- e. What is the current zoning classification of the site? [\[help\]](#)

The site is currently zoned General Industrial.

- f. What is the current comprehensive plan designation of the site? [\[help\]](#)

The comprehensive plan designation is Industrial.

- g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)

The shoreline designation for the site is High-Intensity

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [\[help\]](#)

The site is not known to have been classified as a critical area by the City or County.

- i. Approximately how many people would reside or work in the completed project? [\[help\]](#)

There would be no increase in employees as the proposal is a continuation of existing conditions. A minimal amount of people are required for grading and activities associated with placement and removal of dredge materials onsite.

- j. Approximately how many people would the completed project displace? [\[help\]](#)

The proposed project will not displace anyone.

- k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)

No measures are necessary.

- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)

The proposal is a continuation of the current and historical use of the site as a dredged material disposal site. The proposal is consistent with the zoning and comprehensive plan designation of the site.

- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

No measures are necessary.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)

No housing units are proposed, the project is for dredge spoil placement.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)

No housing units are proposed.

- c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)

No measures are necessary.

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? [\[help\]](#)

The project does not propose any new structures.

- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)

No views in the vicinity will be altered or obstructed.

- c. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)

No measures are necessary.

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)

Temporary lighting may be required during dredge material placement as operating hours during this time can be around the clock.

- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)

No, there will be no light or glare produced once dredge material is placed

- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)

No sources of light or glare will affect the proposal.

- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)

No measures are necessary.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)

*Boating and fishing opportunities exist on the adjacent Cowlitz River and Carrolls Channel.
No recreational activities exist within the site.*

- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)

The proposed project is a continuation of the existing use of the site and will have no impact on recreational use.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)

No measures are necessary.

13. Historic and cultural preservation

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe. [\[help\]](#)

The site does not contain buildings or structures listed or eligible for listing in preservation registers.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [\[help\]](#)

The site has been in operation as a dredge disposal and mining area since the 1980s and the area to be disturbed in the future is within the previously disturbed disposal/mine boundary. No known historical, cultural, educational, or scientifically valued locations have been found by local, state, or federal agencies. A review of the Washington Information System for Architectural and Archaeological Records Data (WISAARD) did not identify any cultural resources within the study area boundary.

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [\[help\]](#)

Potential impacts were assessed by reviewing the Department of Archaeology and Historic Preservation's WISAARD mapping tool and reviewing data from previous project submissions as the dredge disposal site has been active since the 1980s.

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

Currently no measures are necessary; however, in the event that any archaeological or historic materials are encountered during project activity, work in the immediate area will be halted and an Inadvertent Discovery Plan (IDP) will be implemented.

14. Transportation

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [\[help\]](#)

There are currently no public streets serving the project site. Access to the site is provided by a dirt road near the intersection of Old Pacific Highway 99 and Rose Valley Road.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [\[help\]](#)

No, there is no public transit serving the site.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [\[help\]](#)

There are no parking spaces proposed for the project and none will be eliminated.

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [\[help\]](#)

No, the site will continue to be accessed by the existing dirt and gravel roads.

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [\[help\]](#)

The project site is adjacent to the Cowlitz River to the northwest and Carrolls Channel (Columbia River) to the southwest as well as a BNSF rail line and Interstate-5 to the northeast.

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [\[help\]](#)

After the dredged material is placed onsite and dewatered, sand is mined from the material and hauled offsite by trucks. This results in up to approximately 40 trips to and from the site per day. As the proposal is a continuation of current use, it is anticipated that this level of travel will remain the same.

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No, there are no agricultural or forest product land uses in the vicinity of the project site.

- h. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)

No measures are necessary.

15. Public services

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

No, as the project is a continuation of current use of the site, there will not be an increased need for public services.

- b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)

No measures are necessary.

16. Utilities

- a. Circle utilities currently available at the site: [\[help\]](#)
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other _____

- 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. [\[help\]](#)

The existing utilities onsite include electricity to power the weigh station and a well that is used to fill water trucks for dust control. No additional utilities are to be added for the proposal.

C. Signature [\[HELP\]](#)

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: 

Name of signee Steffanie Taylor

Position and Agency/Organization Ecological Land Services

Date Submitted: October 16, 2020