

SEPA¹ Environmental Checklist

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.

A. Background

[Find help answering background questions²](#)

1. Name of proposed project, if applicable:

Fort Columbia State Park Outfall Repairs

2. Name of applicant:

Clare Wirzbicki Environmental Planner

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

Clare Wirzbicki

360-725-9755

P.O Box 42650, Olympia. WA, 98504

4. Date checklist prepared:

Sep-July 2025

5. Agency requesting checklist:

Washington State Parks and Recreation Commission

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

Next 2025-2027 biennium.

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

There are no current future additions or activities related to this proposal.

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

Biological Evaluation by Moffat & Nichol (Feb 28, 2025)

¹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/Checklist-guidance>

² <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-A-Background>

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.**

There are no known pending governmental approvals directly affecting the property.

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

Federal Permits:

Nation Wide Permit - US Army Corps of Engineers

State:

Aquatic Use Authorization - WA Department of Natural Resources

Hydraulic Project Approval - Washington State Department of Fish and Wildlife

County:

Shoreline Exemption - Pacific County

Critical Area and Resources Land Ordinance (CARL) - Pacific County

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.)**

Washington State Parks & Recreation Commission (State Parks) propose the following: Washington State Parks & Recreation Commission (State Parks) proposes maintenance repairs to the existing sewer outfall line anchor system at Fort Columbia State Park. Work includes the installation of fifteen pre-cast concrete blocks to anchor the existing outfall pipe; the timber piles that originally secured the outfall line are no longer suitable and will be abandoned. The proposal also includes the removal of woody debris that has accumulated along the outfall line. The project extends approximately from the shore of the outfall to 10' past the existing diffuser, see design plan for details. There will be no change to the existing use of the site due to the proposed project.

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 proposed project is located in Fort Columbia State Park, Chinook, WA, adjacent to Section DLC 37, Township 9 N, Range 10 W, and Latitude 46°15'3.61"N and Longitude 123°55'20.00"



Figure 1. shows project aerial



Figure 2. shows area of work.

B.Environmental Elements

1. Earth

[Find help answering earth questions](#)³

³ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-earth>.

a. General description of the site:

The shoreline consists of rocky bluff and bedland shore.



Figure 3. Shows outfall line

Circle or highlight one: Flat, rolling, hilly, steep slopes, mountainous, other: **in-water**

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

Steepest slope is, recorded from USDA NRCS Soil Survey database (accessed June 17, 2025), 8-30 percent.

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.

From the USDA NRCS Soil Survey database (accessed June 17, 2025) the soils found on the proposed project area are primarily Knappton silt loam.

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

No.

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.

Excavation:

There will be approximately 13.3 cubic yards (CY) of excavation for the installation of the 15 precast concrete blocks, the area of excavation will not exceed 4'x 6' and 1' depth for each precast concrete block. Approximately 62.2 CY of woody debris removal is proposed. The area of woody debris removal will not exceed approximately 840 square feet (SF) for debris removal. Total area affected by excavation is approximately 1200 square feet. No ground disturbance will occur due to woody debris removal.

Fill:

Proposed fill is 15, 6'x 4' precast concrete blocks, approximately 4.44 CY of fill, total area of fill is approximately 120 SF. Fill will be concrete, precast commercially available concrete blocks that weigh no less than 2,400 lbs. each. Precast concrete blocks will be reinforced with steel bars that meet ASTM requirements. Total affected area by filling is approximately 120 SF.

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

Erosion of riverbed sediments could occur during the excavation and installation of the precast concrete blocks and to a lesser degree from the removal of woody debris. Best Management Practices (BMPs) listed in B.1.h will be implemented to reduce construction related erosion.

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

The proposed project will increase impervious surfaces by 4.44 CY.

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

During construction the following BMPs will be implemented to limit erosion and any potential for discharge to surface waters:

- All work will be conducted in water by barge/boat to avoid impact on bedlands.
- Debris Removal Plan with a detailed description of methods and equipment to be used for removal of underwater debris. Includes disposal procedures and where debris will be disposed of or recycled.
- All removed debris items shall be in accordance with the specifications, local, state, and federal requirements.
- A debris boom will be installed around the in-water construction area during in-water demolition and construction activities.
- Assemble anchor blocks to the extent possible before placing them in the water.
- Place anchor blocks as close to the existing outfall as possible, to ensure the outfall pipe is not damaged while setting the anchor blocks.

- Equipment washing, servicing, and refueling will only be allowed at designated upland locations. Appropriate best management practices will be used to ensure no spills of petroleum products or other hazardous substances take place during these activities.
- Equipment will be checked for leaks and other problems that could result in the discharge of petroleum-based products or other hazardous material into waterways.
- Oil-absorbent materials will be present on site for use in the event of a spill or if any oil product is observed in the water.

2. Air

[Find help answering air questions](#)⁴

- 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.**

Construction activities may create temporary equipment exhaust. No new emissions will be generated as a result from this project. Elevated emissions from construction equipment would be temporary and occur for the short duration of the project construction.

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

No, off-site sources of emissions will not impact this project.

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

There are no emission reduction measures proposed for this project. The project will not result in changes or increases to emissions.

3. Water

[Find help answering water questions](#)⁵

- a. Surface:**

[Find help answering surface water questions](#)⁶

⁴ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-Air>

⁵ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water>

⁶ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Surface-water>

- 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.**

Yes, the proposed project location is entirely within the Columbia 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.**

Yes, all work will take place on the outfall which is located in the Columbia River. All work is below the Ordinary High-Water Mark (OHWM) and High Tide Line (HTL) and will be completed using divers and/or by boat/barge.

Fifteen 4'x6'x1' precast concrete blocks will be installed as pipe anchors for the existing outfall line. Concrete blocks will be installed by crane on barge, spaced 10' apart existing grade of the outfall line, weighing no less than 2,400 lbs., and U-bolt will then be attached to outfall pipe and bolted to precast concrete blocks by diver.

Timber debris removal will occur between the abandoned timber piles; the area of removal will extend approximately 105'x 8' between pile rows. Timber debris removal will aid in installation of precast concrete blocks.

Please see attached plans and figures for detailed project description.

- 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.**

Approximately 4.44 CY of fill will be added to the area, source of fill material will be 15 commercially available precast concrete blocks, and steel U-bolts to attach outfall pipe to concrete blocks. The affected area would extend to the end of the outfall pipe.

Approximately 62.22 CY of timber debris would be removed in between the abandoned piles. The affected area would be the 105'x 8' area between the abandoned pile rows. No ground disturbance will occur due to timber debris removal.

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

No, the proposed project does not require any withdrawals or diversions of surface water.

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

Yes, the project is entirely below the OHWM and HTL.

- 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 involves the sewer outfall line that is responsible for discharging properly treated wastewater, permitted by the Department of Ecology. No changes are proposed to the discharge of waste materials associated with the outfall line. The project solely proposes to install anchors to secure the existing outfall line.

BMP's outlined in B.1.h will be implemented to avoid and minimize any waste or sediment from entering surface waters

b. Ground:

[Find help answering ground water questions](#)⁷

- 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 a general description, purpose, and approximate quantities if known.**

No groundwater will be withdrawn, and no water will be discharged to groundwater.

- 2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (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 into the ground due to the proposed project.

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.**

No water runoff is associated with this proposed project.

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

Waste material is not anticipated to enter ground or surface waters due to the proposed project. BMPs will be implemented as preventative measures as well as having equipment on site to respond to spills and repairs to outfall pipes, if damaged.

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

⁷ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Groundwater>

No, the proposed project does not alter drainage patterns in the vicinity of the site.

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

Not applicable.

4. Plants

[Find help answering plants questions](#)

a. Check the 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
- ☐ 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?

No vegetation will be removed or altered due to this proposed project; all work will be done by boat/barge and no work will be conducted on land.

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

According to DNR WNHP Data Explorer (accessed April 3, 2025), no threatened or endangered species are known to be near or on the project location.

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

No landscaping is proposed as no vegetation will be impacted by the proposal.

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

Himalayan blackberry (*Rubus armeniacus*) is found in upland areas within the park.

5. Animals

[Find help answering animal questions](https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-5-Animals)⁸

- a. List any birds and other animals that have been observed on or near the site or are known to be on or near the site.

Examples include:

- Birds: hawk, heron, eagle, songbirds, other:
- Mammals: deer, bear, elk, beaver, other:
- Fish: bass, salmon, trout, herring, shellfish, other: Forage Fish (herring, smelt, sand lance)

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

The Washington Department of Fish and Wildlife's PHS on the Web map (accessed September 9, 2024) indicates the following species and habitats that may occur within the project area:

- Roosevelt Elk *Cervus (elaphus roosevelti)*
- Northern Spotted Owl (*Strix occidentalis*)
- Seabird Concentrations
- Estuarine and Marine Wetland habitat

Salmon Scape (accessed June 17, 2025) indicated the following species and habitats occur within the project area:

- Chinook (Summer, Spring, and Fall)-State Candidate; Federally Threatened
- Chum (Fall, Winter) (*Oncorhynchus keta*) -State Candidate; Federally Threatened
- Coho (*Oncorhynchus kisutch*)-Federally Threatened
- Steelhead (*Oncorhynchus mykiss*) (Winter, Summer)- State Candidate

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

Yes, the project area is situated within the Pacific Flyway and is part of a migration route for salmon. The Pacific Flyway route is for migratory birds which includes the west coast of North America reaching from northern Alaska and Canada to the southern tip of Mexico.

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

⁸ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-5-Animals>

The project will comply with all conditions of the Salish Sea Nearshore Programmatic (SSNP) (see Section 3 of the attached document). The following impact minimization and conservation measures will be implemented to reduce, eliminate, or minimize the effects of the proposed action to listed species, critical habitats and/or sensitive resources.

- Work will only commence once all applicable permits/approvals are obtained. Work will be completed in accordance with all permit/approval conditions.
- Work will be completed during the approved in-water work window as authorized by federal and state agencies.
- The existing outfall pipe alignment would be maintained by placing anchor blocks as close to the existing outfall pipe as possible.
- Project construction will be completed in compliance with Washington State Water Quality Standards (WAC 173-201A).
- The contractor shall place construction debris control, as necessary, to prevent debris from entering the water and airborne materials from leaving the immediate vicinity of the site. The contractor shall be responsible for clean-up of any materials deposited outside and within the work area.
- The contractor will be responsible for the preparation of a Spill, Prevention, Control, and Countermeasure (SPCC) Plan to be used for the duration of the project. The plan shall be submitted to the project engineer prior to the commencement of any construction activities. A copy of the plan with any updates will be maintained at the work site by the contractor.
- Equipment will be checked for leaks and other problems that could result in the discharge of petroleum-based products or other material into waters of the Columbia River.
- Machinery or construction materials not essential for project improvements shall not be allowed at any time in the intertidal zone. The contractor shall be responsible for checking daily tide and current reports.
- All removed construction debris will be collected, transported to, and disposed of at an appropriate upland facility.
- Barges and work vessels shall not be aground on the substrate. Work barges will be held on stations with spuds or anchors.

In addition, the Biological Assessment conducted by Moffat & Nichol on February 28, 2025, concluded the following:

Direct and indirect adverse impacts could occur to protected species but are unlikely to occur given the minor extent of the proposed project. The project is not anticipated to result in direct or indirect impacts caused by construction related noise, water quality, and benthic habitat disturbances.

Biological Assessment is available upon request.

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

There are no known invasive species on or near the project location.

6. Energy and natural resources

[Find help answering energy and natural resource questions](#)⁹

- 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.**

Energy needs associated with the proposed project include fuel to power the boat/barge and heavy equipment and will only occur during construction period. No additional energy demands will be needed by the completed project.

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

No, the proposal will not affect nor be affected by solar use 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.**

No energy conservation features are proposed as no energy impacts are anticipated.

7. Environmental health

[Health Find help with answering environmental health questions](#)¹⁰

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

No environmental health hazards are anticipated to occur due to the proposed project.

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

The Washington Department of Ecology's What's in my Neighborhood: Toxic Cleanup site (accessed September June 17, 2025) indicates that there is a known cleanup site within the park. It is approximately 1,000 feet away from the site, the site has been completed for cleanup and action is no longer needed.

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.**

None.

⁹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-6-Energy-natural-resou>

¹⁰ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-7-Environmental-health>

- 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.**

Construction equipment on the barge will contain associated fuels and chemicals; BMPs such as daily inspections for leaks and ensuring they are in good working order will be required.

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

No additional or special emergency services are anticipated for this proposal.

- 5. Proposed measures to reduce or control environmental health hazards, if any.**

BMPs will be used during the entirety of the project to avoid environmental health hazards such as proper storage and use of equipment and vehicles, and inspection of leaks prior to use.

b. Noise

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

Noise in the area is minimal and that common with public park use, the parks associated noises are not anticipated to 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)?**

Temporary construction-associated noise is anticipated during normal workday hours. Once construction is finished, the noise level will return to existing levels prior to proposed project.

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

No noise impacts are anticipated to occur as a result of this project; temporary noise produced during construction will occur during daylight work hours.

8. Land and shoreline use

[Find help answering land and shoreline use questions](https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-8-Land-shoreline-use)¹¹

- 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.**

Fort Columbia State Park is a public recreation park; the project area includes a sewer outfall line for discharge of treated wastewater. Adjacent properties include residential and forest lands.

- 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 because of the proposal, if any? If resource lands have**

¹¹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-8-Land-shoreline-use>

not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No.

- 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?**

No.

- c. Describe any structures on the site.**

Fort Columbia State Park contains various structures, including multiple batteries, comfort stations, interpretive center, historic buildings, shop, storage, warehouse, pump house, wastewater lab and plant, and outfall structure.

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

No structures will be demolished due to the proposed project.

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

Conservation

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

Public Preserve

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

Rural Conservancy

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.**

Yes, the area is within the shoreline and in vicinity of wetlands. This is an allowable use per Pacific County's Critical Area Ordinance No. 183.8.8. Parks will comply with all local permitting requirements and regulations.

- 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 proposal is limited to maintenance of the existing sewer outfall line.

- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:**

The project will not have impacts on agricultural or forest lands.

9. Housing

[Find help answering housing questions](#)¹²

- 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. Not applicable to this project.

10. Aesthetics

[Find help answering aesthetics questions](#)¹³

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

The proposal is limited to in-water work associated with the existing sewer outfall line.

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

No views in the immediate vicinity will be altered or obstructed due to the proposed project.

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

Not applicable proposed project will have no aesthetic impacts.

11. Light and glare

[Find help answering light and glare questions](#)¹⁴

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

None. The project is maintenance and repairs. The anchors added will be commercial grade precast concrete blocks, and steel U-bolts, these materials will not generate additional light or glare. All work will be done during daylight work hours.

¹² <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-9-Housing>

¹³ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-10-Aesthetics>

¹⁴ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-11-Light-glare>

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

No, the project will not generate glare.

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

No off-site sources of light or glare will impact this proposal.

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

There are no measures to reduce or control light glare as they are not anticipated change as a result of proposed project.

12. Recreation

[Find help answering recreation questions](#)

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

Fort Columbia State Park offers recreational opportunities including hiking, historic interpretation, beach exploration, and wildlife viewing.

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

No, the proposed project will have no anticipated impact of existing recreational uses.

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

Not applicable.



13. Historic and cultural preservation

[Find help answering historic and cultural preservation questions](#)¹⁵

- 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? If so, specifically describe.**

There are not any observed or recorded buildings, structures, or sites located within the project area that are over 45 years old listed in or eligible for listing in the national, state, or local 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.**

There have been eleven (11) cultural surveys completed within a 1.0-mile radius of the project area (Cannell 2010; Harrison 2003; Juell 2006; Kelley 2007; Lloyd-Jones 2008; O'Rourke 2013; Roulette 2021; Smith 2010; Wilson 2004; Wilson 2009; Wilson 2016).

¹⁵ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-13-Historic-cultural-p>

The proposed project area is located adjacent to the southern border of Chinook Point (45PC00069), a National Historic Landmark. According to DAHP's predictive model, the project area is in an area at a high risk for cultural resources and a survey is highly advised in these areas.

- 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.**

This project is subject to Section 106 of the Historic Preservation Act. The USACE, as the lead agency, will be responsible for assessment of potential impacts to cultural and historic resources on or near the project site.

- 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.**

As all project activities will be completed underwater, an Inadvertent Discovery Plan will be on site and reviewed by all project contractors. The IDP will address project specific measures to avoid and minimize any potential impacts to resources.

14. Transportation

[Find help with answering transportation questions](#)¹⁶

- 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.**

Hwy 101 will serve as access to the proposed project site and use the wastewater treatment building as a potential equipment staging area. A boat or barge will also be used for the installation of the precast concrete block anchors and will access the site from the Columbia River.

- 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?**

The project area is approximately 1.7 miles from the nearest transit stop in Chinook, WA.

- c. **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).**

No.

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

¹⁶ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-14-Transportation>

Yes, all work is proposed within the Columbia River, which is used for water transportation.

- e. **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?**

This proposed project will have no impact of vehicular traffic or visits.

- f. **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.**

The proposed project is not anticipated to affect the movement of agricultural or forest products on roads or streets in the area.

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

There are no anticipated impacts to transportation. No measures to reduce or control impacts are proposed.

15. Public services

[Find help answering public service questions¹⁷](#)

- 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.**

None.

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

None.

16. Utilities

[Find help answering utilities questions¹⁸](#)

- a. **Circle utilities currently available at the site: 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.**

The outfall is an existing utility that provides sanctioned release of treated wastewater into the Columbia River. This proposed project is intended to improve the anchor system for the outfall line. No new utilities are proposed as part of this project.


¹⁷ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-15-public-services>

¹⁸ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-16-utilities>

C. Signature

[Find help about who should sign](#)¹⁹

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.

x 

Type name of signee: Clare Wirzbicki

Position and agency/organization: Environmental Planner Washington State Parks and Recreation Commission

Date submitted: Aug 4th, 2025

¹⁹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-C-Signature>