

SEPA 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.

Instructions for applicants:

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: [\[help\]](#)

Wahkiakum County Shoreline Master Program Update

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

Wahkiakum County

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

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

Revised April 16, 2021

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

Washington Department of Ecology
Wahkiakum County Building and Planning

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

The Program would be in affect after Board of County Commissioners Approval and Washington Department of Ecology Approval.

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

The Program can go through an amendment process as outlined by Ecology, and the Program has a mandatory periodic review.

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

An Inventory and Characterization Report (ICR) and Cummulative Impact Assessment were prepared as part of the creation of this Program. These documents relied on the best available science. Shoreline No Net Loss Statement.; Shoreline Environmental Designation.

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. [\[help\]](#)

No.

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

Wahkiakum County Board of County Commissioners Approval
The Washington Department of Ecology needs to approve the Program.

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 Shoreline Master Program (SMP) is a comprehensive approach to how Wahkiakum County shorelines will be used and developed over time. The SMP is crafted to ensure no net loss of ecological function within the jurisdiction.

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. [\[help\]](#)

A mapfolio is included in the submission package. This series of maps show the extent of this Program's jurisdiction. As a general description, Wahkiakum County's jurisdiction extends the minimum 200 feet, plus wetland critical areas, fish and wildlife habitat critical areas, and geological hazard critical areas.

The proposal affects shorelines of unincorporated areas of Wahkiakum County, WA.

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

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

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

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____

Wahkiakum County is located in southwest Washington State and is bounded on the north and west by Pacific County, Lewis County on the northeast corner, on the south by the Columbia River, and on the east by Cowlitz County. The County consists of 264.2 square miles, or 169,088 land total acres. It is one of the smallest and least populated counties in the State of Washington with just less than 4,000 residents. Elevations in the County range from 958 feet above mean sea level (MSL) in the upland mountainous area in the north part of the County, to sea level in the south western portion of the county along the Columbia River. Cathlamet is the county seat and the only incorporated area, with other small areas of concentrated development including the communities of Deep River, Grays River, Rosburg, Skamokawa, East Cathlamet and Puget Island.

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

75-100%. There are cliffs along the shorelines.

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

Silt, sand, clay, loam, and peat are typical soils throughout the County. The County has been and continues to be active in agriculture. Prime agriculture soils are optimum for growing crops and livestock and are generally located in the floodplain of the major rivers and streams in the County, including Skamokawa subwatershed, Elochoman River subwatershed, Grays River, Deep River, and on Puget Island on the Columbia River. There are wetlands in the County.

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

A mix of moderate and high hazard soils have been mapped in throughout the County.

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

Not applicable; non-project action.

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

Not applicable; non-project action.

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

Not applicable; non-project action.

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

Not applicable; non-project action.

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

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

Not applicable; non-project action. No specific actions resulting in air emissions are proposed in the SMP.

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

Not applicable; non-project action.

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

None proposed as part of the SMP.

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

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

The County's SMP jurisdiction includes: Columbia River, Salmon Creek, Deep River, Grays River, Naselle River, Hull Creek, Fossil Creek, Jim Crow Creek, Klints Creek, Crooked Creek, West Valley Creek, Brooks Slough, Skamokawa Creek, Alger Creek, Nelson Creek, Elochoman River, Wilson Creek, Beaver Creek, Mill Creek, McDonald Creek, Standard Creek, Falk Creek, Otter Creek, associated wetlands, and critical areas in the County.

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

No specific actions resulting in such work are proposed in the SMP. The SMP will apply to all shoreland areas within 200 feet of the OHWM and associated wetlands. Any subsequent project-specific development proposal will be subject to the provisions of this Program.

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

No specific actions resulting in fill and dredge material are proposed in the SMP. The SMP contains polities and regulations addressing dredging and fill within the jurisdictional boundaries and requires compliance with other regulations.

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

No specific surface withdrawals or diversions are proposed in the SMP. Impacts of specific projects may result from policies in the SMP will be addressed on a project level review.

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

Floodways and floodplains are included in the shoreline jurisdiction. Managing flooding is one of the goals of the SMP. The SMP contains policies and regulations addressing this element within the jurisdictional boundaries.

- 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 specific discharge is proposed in the SMP. The SMP contains policies and regulations addressing this element within the Program's jurisdictional boundaries.

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 specific withdrawal or discharge is proposed in the SMP. Impacts of specific projects that may result from policies in the SMP will be addressed by a project level review.

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

No specific system discharges are proposed in the SMP. The SMP contains policies and regulations addressing this element. Impacts of specific projects that may result from policies in the SMP will be addressed on a project level review.

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. [\[help\]](#)

Non-project; not applicable. No specific source runoff is proposed in the SMP. The SMP contains policies and regulations addressing this element.

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

Non-project; not applicable. The SMP contains policies and regulations addressing this element.

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [\[help\]](#)

Non-project; not applicable.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: [\[help\]](#)

Non-project; not applicable.

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: **All of the above**

b. What kind and amount of vegetation will be removed or altered? [\[help\]](#)

Non-project; not applicable.

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

None.

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

The SMP contains multiple policies and regulations to address vegetation as part of development as it affects water.

e. List all noxious weeds and invasive species known to be on or near the site. [\[help\]](#)

Reed canarygrass, Brown knapweed, Meadow knapweed, Canada thistle, Spear thistle, Poison hemlock, Field bindweed, Scotch broom, Robert Geranium, English Ivy, Yellow toadflax, American white waterlily, European common reed, Giant knotweed, Austrian yellow-cress, White water cress, Common ragwort, Common tansy, Common gorse, Common mullein, Spiny cocklebur, Eurasian watermilfoil, Brazilian elodea, Parrotfeather, hydrilla, Japanese eelgrass, Spartina, and European and American beachgrass.

5. **Animals** [\[help\]](#)

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. [\[help\]](#)

Examples include:

- birds: hawk, heron, eagle, songbirds, other:
- mammals: deer, bear, elk, beaver, other:
- fish: bass, salmon, trout, herring, shellfish, other _____

Many of these birds and animals are found in Wahkiakum County. See the table in (b).

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

FE	Federal Endangered
FT	Federal Threatened
FC	Federal Candidate
Fco	Federal Species of Concern
SE	State Endangered
ST	State Threatened
SS	State Sensitive
SC	State Candidate

SM
Left blank

State Monitored
Not Listed

SPECIES GROUP	Common/Scientific Name	State/Federal ESA Listing
	Green sturgeon <i>Acipenser medirostris</i>	FT
	Chum salmon <i>Oncorhynchus keta</i>	FT, SC (Lower Columbia)
	Coho salmon <i>Oncorhynchus kisutch</i>	FT (Lower Columbia)
	Sockeye salmon <i>Oncorhynchus nerka</i>	FE, SC (Snake River)
	Chinook salmon <i>Oncorhynchus tshawytscha</i>	FT, SC (Lower Columbia)
	Chinook salmon <i>Oncorhynchus tshawytscha</i>	FT, SC (Snake River Fall)
	Chinook salmon <i>Oncorhynchus tshawytscha</i>	FT, SC (Snake River Spring Summer)
	Chinook salmon <i>Oncorhynchus tshawytscha</i>	FE, SC (Upper Columbia Spring)
	Steelhead <i>Oncorhynchus mykiss</i>	FT, SC (Lower Columbia)
	Steelhead <i>Oncorhynchus mykiss</i>	FT, SC (Middle Columbia)
	Steelhead <i>Oncorhynchus mykiss</i>	FT, SC (Snake River)
	Steelhead <i>Oncorhynchus mykiss</i>	FT, SC (Upper Columbia)
	Eulachon <i>Thaleichthys pacificus</i>	FT, SC
	Larch Mountain Salamander <i>Plethodon larselli</i>	SS
	Oregon Spotted Frog <i>Rana pretiosa</i>	FT, SE
	Common Loon <i>Gavia immer</i>	SS
	Brown Pelican <i>Pelecanus occidentalis</i>	Fco, SC
	Bald Eagle <i>Haliaeetus leucocephalus</i>	Fco, SS
	Peregrine Falcon <i>Falco peregrinus</i>	Fco, SS
	Sandhill Crane <i>Grus canadensis</i>	SE
	Marbled Murrelet <i>Brachyramphus marmoratus</i>	FT, ST
	Spotted Owl <i>Strix occidentalis</i>	FT, SE
	Horned Lark <i>Eremophila alpestris</i>	FT, SE (strigata subspecies)
	Western Gray Squirrel <i>Sciurus griseus</i>	ST
	Western Pocket Gopher <i>Thomomys mazama</i>	Fco, ST (louiei subspecies)
	Fisher <i>Martes pennanti</i>	FC, SE
	Columbian White-tailed Deer <i>Odocoileus virginianus leucurus</i>	FE, SE
	Northern (Steller) Sea Lion <i>Eumetopias jubatus</i>	FCO, ST

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

Active channel migration routes are important for salmon and overall ecological function.

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

A Restoration Plan has been prepared; this Plan identifies restoration opportunities throughout the County and Town's shoreline jurisdiction.

e. List any invasive animal species known to be on or near the site. [\[help\]](#)

Nutria, Asian Clam, New Zealand mudsnails, non-native freshwater crayfish, Green Crab, Chinese Mitten Crab, non-native copepods, Goldfish, Brown Bullhead, Yellow Perch, and American Bullfrog.

6. Energy and Natural Resources [\[help\]](#)

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. [\[help\]](#)

Non-project; not applicable.

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

Non-project; not applicable.

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: [\[help\]](#)

Non-project; not applicable.

7. Environmental Health [\[help\]](#)

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. [\[help\]](#)

No.

1) Describe any known or possible contamination at the site from present or past uses. [\[help\]](#)

Non-project; not applicable.

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. [\[help\]](#)

Non-project; not applicable.

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. [\[help\]](#)

Non-project; not applicable.

4) Describe special emergency services that might be required. [\[help\]](#)

Non-project; not applicable.

5) Proposed measures to reduce or control environmental health hazards, if any: [\[help\]](#)

Non-project; not applicable.

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

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

Non-project; not applicable.

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. [\[help\]](#)

Non-project; not applicable.

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

The SMP requires commercial and industrial activities to minimize noise impacts for their neighbors and to be located adjacent to similar uses.

8. Land and Shoreline Use [\[help\]](#)

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. [\[help\]](#)

Existing land uses within and adjacent to shorelines include a variety of agricultural, residential, commercial, parks/recreation, and open space. The SMP allows continuation of current land uses, including legally non-conforming uses.

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? [\[help\]](#)

Non-project; not applicable. There are agricultural and forestry uses within the shoreline. SMP provisions do not modify or limit existing agricultural and forestry uses and activities.

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: [\[help\]](#)

There are agricultural uses within the shorelines. The SMP provisions do not modify or limit existing agricultural and forestry uses and activities. The SMP includes provisions to protect water quality of shoreline waterbodies from the application of chemicals, such as pesticides, that comply with state and federal regulations.

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

Non-project; not applicable.

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

Non-project; not applicable.

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

Non-project; not applicable. There are multiple Shoreline Environment Designations (SEDs).

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

Non-project; not applicable.

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

Multiple Shoreline Environment Designations (SEDs) currently exist.

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

Within Wahkiakum County there are: wetlands, critical aquifer recharge areas, fish and wildlife habitat/conservation areas, geologically hazardous areas, and frequently flooded areas.

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

Non-project; not applicable.

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

Non-project; not applicable.

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

Non-project; not applicable.

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

The SMP was developed to be compatible with land use designations in the Town of Cathlamet and County.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: [\[help\]](#)

None. The SMP does not does not impact existing agricultural and forest uses. If land is to be converted from an agricultural use, the SMP provides standards on how to proceed.

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

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

None. Non-project; not applicable.

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

Non-project; not applicable.

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

None. Non-project; not applicable.

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

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

Non-project; not applicable.

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

Non-project; not applicable. The SMP provides provisions to protect views of shorelines.

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

The SMP has multiple provisions addressing aesthetics to benefit the communities.

11. Light and Glare [\[help\]](#)

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

Non-project; not applicable.

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

Non-project; not applicable.

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

Non-project; not applicable.

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

Non-project; not applicable. The SMP provides provisions regarding light and glare to protect ecological functions along the shoreline.

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

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

Non-project; not applicable. Providing water-oriented recreation opportunities and pedestrian access to the shorelines are goals of the SMP.

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

Non-project; not applicable.

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

Providing water-oriented recreation opportunities and pedestrian access to the shorelines are goals of the SMP.

13. Historic and cultural preservation [\[help\]](#)

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. [\[help\]](#)

DAPH lists 41 known archaeological sites, districts, and cemeteries within Wahkiakum County that fall under their jurisdiction.

Historic buildings in the Town of Cathlamet include: the Julia Butler House built in 1875; Doumit Law Office built around 1870; the Bradley Inn built around 1907; Warren Cannery built in 1869; and a home built in 1897.

There are other buildings of significance throughout the County. In Skamokawa, Redman Hall was built in 1894. The Grays River Covered Bridge is registered on the National Historic Register and the Lower Columbia Co-Operative Dairy Association was built in 1916. The Deep River Holy Trinity Evangelical Lutheran Church was built in 1902.

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. [\[help\]](#)

Prior to European settlement, Native Americans used land in Wahkiakum County because of the abundance of natural resources. For example, Puget Island was used for hunting and fishing (Kandoll, 2008).

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

Non-project; not applicable. There are no recognized tribes in the jurisdictional area.

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

The SMP update includes goals and policies to preserve cultural and historical resources. Impacts will be reviewed on a project level.

14. **Transportation** [\[help\]](#)

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

Non-project; not applicable.

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

Non-project; not applicable.

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

Non-project; not applicable.

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

Non-project; not applicable. Public and private improvements are permitted under the SMP. These will occur as needed and will be reviewed on a project level.

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

Non-project; not applicable.

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

Non-project; not applicable. The SMP will likely not change transportation demand.

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

The SMP is not likely to alter transportation demand.

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

SMP policies were created to provide that new uses do not significantly interfere with transportation systems.

15. Public Services [\[help\]](#)

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

The SMP will likely not alter the demand for public services.

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

Non-project; not applicable.

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

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

All listed.

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

Non-project; not applicable. The SMP is unlikely to alter what types of utilities are needed in the communities, but there are provisions to ensure they are developed in way that won't impact views along the shorelines.

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: David W. Hicks

Name of signee David W Hicks

Position and Agency/Organization Waukegan County

Date Submitted: 05/07/2021

D. supplemental sheet for nonproject actions [\[help\]](#)

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

The purpose of this Program is to regulate uses on and adjacent to certain waters. The policies and regulations in this Program will not produce or discharge emissions or toxins. This Program addresses water quality and the release of substances to surface water that will likely decrease such emissions. Noise is likely to be produced by a variety of uses permitted by the Program in construction and use. The Program requires that mining and commercial and industrial uses minimize noise impacts on adjacent properties.

Proposed measures to avoid or reduce such increases are:

Section 5.2.11 addresses Water Quality and Quantity. This topic is interwoven throughout the Program and is also addressed in topics such as Agriculture and Dredging. Noise is addressed in Commercial and Industrial Policies and Regulations (5.3.8).

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Protection and enhancement of aquatic life and overall ecological function is one of the goals of this Program. The Habitat and Natural Systems Restoration and Enhancement section (5.3.12) name these activities as a preferred use. The Restoration Plan, which accompanies this Program, names potential projects and lists funding opportunities and potential partners to help accomplish these projects. Chapter 6 of this Program addresses the protection of critical areas (as defined in RCW and WAC).

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

Chapter 6 specifies how critical areas will be protected and section 5.3.12 addresses Habitat and Natural Systems Restoration and Enhancement. The accompanying Restoration Plan and Cumulative Impact Analysis (CIA) provide further information.

3. How would the proposal be likely to deplete energy or natural resources?

The Program will not have a substantial effect on energy use. Energy is used in public and private projects across development standards. Mining will be permitted to continue.

Proposed measures to protect or conserve energy and natural resources are:

Under this Program mining could be permitted only in locations designated as mineral resource lands of long term significance, and where the mining activity is dependent on a shoreline location. This will only be permitted under a conditional use permit.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

This Program includes standards to protect these areas. Critical areas, as defined in RCW 36.70A.030(5) and WAC 365-196-485, include: wetlands, areas of critical recharging effect on aquifers used for potable water, fish and wildlife habitat conservation areas, frequently flooded areas, and geologically hazardous areas. Chapter 6 of this Program outlines how these areas within the Program's jurisdiction will be protected.

This program allows shoreline oriented recreation use and views parks as a tool for public access. Subsections of this Program address Archeological and Historic Resources and Agriculture.

Proposed measures to protect such resources or to avoid or reduce impacts are:

This Program will maintain and enhance protection of ecologically sensitive areas, endangered species habitat, wetlands, and floodplains within the jurisdiction.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

This Program details how the shorelines can be utilized to provide no net loss of ecological functions. This Program requires compliance with existing plans. This Program is an update of an existing Shoreline Master Program.

Proposed measures to avoid or reduce shoreline and land use impacts are:

A principle of this Program is to provide no net loss of ecological function along the jurisdictional shorelines. This Program is designed to provide a priority to water-oriented uses to provide ecological protection and public access, while allowing future development and resource conservation.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Program adoption would not increase demands on transportation and/or public services and utilities. The Program addresses how these systems should be developed in the shoreline jurisdiction.

Proposed measures to reduce or respond to such demand(s) are:

When applicable, it is encouraged for transportation and utility development to occur outside of the shoreline jurisdiction. Section 5.2.9 encourages pedestrian transportation systems to allow public access to the shorelines. Section 5.3.17 contains policies and regulations to minimize the development of utilities outside of existing right of ways in the shoreline jurisdiction. No specific measures are proposed in the Program to reduce demands on transportation, public services, and utilities.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

The permit system established by this SMP is based on Washington's Shoreline Management Act (SMA) and the associated Washington Administrative Code (WAC) and Revised Code of Washington (RCW). Uses and developments conducted within shoreline jurisdiction and regulated by the SMP may also be subject to other regulations within the jurisdictional authority of the Wahkiakum County Code, the Town of Cathlamet Municipal Code, and the Washington State Environmental Policy Act, and other local, state, and federal laws.