

SEPA ENVIRONMENTAL CHECKLIST

A. Background

1. Name of proposed project, if applicable: Orting Shoreline Master Program Periodic Review Amendments

2. Name of applicant: City of Orting

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

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City of Orting

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4. Date checklist prepared: February 26, 2019

5. Agency requesting checklist: City of Orting

6. Proposed timing or schedule (including phasing, if applicable): City Council action expected in May or June 2019

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. This proposal is a non-project action intended to amend the City of Orting's Shoreline Master Program (SMP), which may be subsequently amended as necessary. No specific changes to the SMP beyond the amendments proposed to meet the periodic review requirements have been developed.

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

- Orting 2017 Comprehensive Plan
- Orting 2016 Critical Areas Ordinance
- Pierce County 2015 Shoreline Master Program
- Pierce County Comprehensive Plan
- Washington State Department of Ecology SMP Guidance

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.

None. Any future individual development projects covered by the SMP will be reviewed for consistency with local, state, and federal regulations.

10. List any government approvals or permits that will be needed for your proposal, if known. Adoption of SMP amendments requires City Council adoption by ordinance. Under the Shoreline Management Act (SMA), the Washington State Department of Ecology must review master programs and any proposed updates to master programs for consistency with the SMA.

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. This proposal is to amend the City of Orting's SMP to ensure consistency with updated state laws and rules per the periodic review requirements of the SMA (RCW 90.58). The current adopted SMP includes an inventory and analysis of shoreline ecological conditions of the Puyallup and Carbon Rivers and sets forth goals, policies, regulations, and administrative procedures regarding uses and activities within the city limits for those areas within the shoreline jurisdiction.

The Orting Shoreline Inventory and Characterization Report provide the basis for the development of the City's SMP. The Restoration chapter outlines the implementation schedule and potential funding for restoration projects and plans.

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 City of Orting is located between the Puyallup and Carbon Rivers in Pierce County, and the SMP regulates development allowed within the rivers' shoreline jurisdictional area. The shoreline jurisdiction also includes all land that falls within 200 feet of the ordinary high water mark of the floodway, whichever is further landward, including all associated wetlands. The City is generally located within Township 18N and 19N, Range 5E.

B. Environmental Elements

1. *Earth*

a. **General description of the site:**

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

The shoreline area of the City of Orting is very flat with little elevation change, and the rivers are constrained by dikes and levees.

- b. **What is the steepest slope on the site (approximate percent slope)?** According to the City's critical areas mapping, the Urban Conservancy shoreline segment appears not to contain soils with slopes greater than 15%.
- 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.** The geology of Orting has been mapped by USGS and further refined by Pierce County GIS based on composition of the rock material. The majority of the shoreline jurisdiction in Orting is gravelly sand with other types of soils brought in from surrounding areas that were originally used to construct the levees.
- d. **Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.** At 14,410 feet, Mount Rainier overlooks the City of Orting. The City is located within a lahar hazard area at the confluence of the Carbon and Puyallup Rivers in the Puget Sound Lowlands. The valley floor represents layers of deposits from old lahars. At least 60 lahars have flowed off Mount Rainier into its draining river valleys in the past 10,000 years, with the largest events occurring approximately every 500 years.
- 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. No filling or grading is expected as a direct result of this non-project action.** Development proposals emerging subsequent to the adoption of this master program would be evaluated relative to federal, state, and local regulations and standards on an individual project-specific basis.
- f. **Could erosion occur as a result of clearing, construction, or use? If so, generally describe.** No erosion would directly result from the adoption of these proposed amendments. All future development will be evaluated as provided in the Administrative chapter of the City's SMP for consistency with the goals and policies of the SMA and are subject to federal, state, and local regulations and standards for clearing, grading, and erosion control.
- g. **About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?** The SMP provides for the regulation of development and the amount of impervious surface coverage in the shoreline jurisdiction. Specifically, the SMP states that all clearing and grading activities shall be limited to the minimum necessary for the intended development. In addition, SMP setbacks further limit impervious surface. Additional information on impervious surface is contained in the Orting Shoreline Inventory and Characterization Report.
- h. **Proposed measures to reduce or control erosion, or other impacts to the earth, if any:** The SMP has policies and regulations that relate to the reduction and control of erosion. Specifically, Chapter 5 – Shoreline Policies and Regulations addresses clearing and grading, vegetation management, environmental impacts, water quality, stormwater, and nonpoint

pollution. The policies call for Best Management Practices during clearing and grading to control erosion. An erosion and sediment control program is required to be submitted with any permit application that involves the removal of vegetation, stockpiling of earth or other materials, or any activity that could result in shoreline erosion and siltation of rivers in the Orting shoreline jurisdiction. Additionally, the Restoration chapter recommends vegetation enhancement and restoration to limit clearing and protect areas with native trees and shrubs.

Pierce County has ownership of the majority of the Puyallup River shoreline area on both sides of the river in the southern portion of the city (15 parcels). The Soldiers Home Setback Levee Project created more than a mile of restored riparian habitat. In addition to the setback levee restoration project, the Orting School District and the City secured Conservation Futures grant funding for the design and construction of Gratzner Park, which is a project that will provide habitat restoration and enhancements to the Puyallup River shoreline area.

No changes to erosion or sediment control regulations are included in the proposed SMP amendments prompted by periodic review.

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.** No emissions are expected to result from this proposed non-project action.
- b. **Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.** None expected to result from these proposed amendments to the SMP.
- c. **Proposed measures to reduce or control emissions or other impacts to air, if any:** This proposal involves a citywide non-project action. The Orting SMP has environmental protection policies and regulations that relate to air. Specifically, the SMP states that pollution should be prevented in Chapter 4 – Shoreline Goals and Policies. Applicants are required to comply with those goals and policies that reduce and control impacts to air.

No changes to air quality or emissions-related regulations are included in the proposed SMP amendments prompted by periodic review.

3. Water

- 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.** Yes, there are two rivers in the Orting shoreline jurisdiction: The Puyallup and Carbon Rivers flow through the city. Both rivers are contained behind levees that are owned and maintained by Pierce 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.** No, not as a result of the proposed SMP amendments. The SMP regulates activities within the 200-foot shoreline jurisdiction.
- 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.** None resulting from the proposed SMP amendments.
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.** No, not as a result of the proposed SMP amendments.
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.** The Orting shoreline jurisdiction is located 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.** No, not as a result of the proposed SMP amendments.

b. Groundwater:

- 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.** No, not as a result of the proposed SMP amendments.
- 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.** The majority of parcels in the Orting shoreline jurisdiction are currently developed. There are several parcels that could be developed for residential uses at some point in the future. The City of Orting is currently served by sewer, and any future developments would also be served by sewer. The wastewater treatment plant is located in the Carbon River shoreline jurisdiction and discharges to the river consistent with Ecology rules.

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.** Stormwater runoff is through the City's stormwater system to riparian areas along both the Puyallup and Carbon Rivers

to infiltrate in these vegetated corridors. Excessive runoff through these areas can discharge to the rivers by outfall during extreme storm systems.

2) **Could waste materials enter ground or surface waters? If so, generally describe.** It is possible for waste materials to enter ground or surface waters; however, this non-project action includes policies and regulations to reduce or prevent these occurrences.

3) **Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.** No, not as a result of the proposed SMP amendments.

d. **Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:** No measures proposed, as the proposed SMP amendments are not expected to affect runoff or drainage patterns. No changes to stormwater management or drainage-related regulations are included in the proposed SMP amendments prompted by periodic review.

4. *Plants*

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, bulrush, skunk cabbage, other

water plants: water lily, eelgrass, milfoil, other

other types of vegetation

Vegetation is further described in the 2005 Orting Shoreline Characterization Report on which the current SMP is based.

b. **What kind and amount of vegetation will be removed or altered?** None as a result of the proposed amendments to the SMP.

c. **List threatened and endangered species known to be on or near the site.** None known, among the list of threatened and endangered plants.

d. **Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:** None resulting from the proposed amendments to the SMP. However, the SMP encourages the use and protection of native trees and shrubs.

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

- Blackberry
- Holly
- Scotch broom
- Ivy

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.**

- Hawk
- Eagle
- Songbirds
- Salmonids
- Trout

b. **List any threatened and endangered species known to be on or near the site.** The Orting Shoreline Characterization and Inventory report and NOAA Fisheries indicate that the Puget Sound Chinook salmon population is listed as Threatened under the ESA. The stock status of native populations of char (bull trout and Dolly Varden) within the Puyallup River is unknown. Within the Carbon River, several anadromous and resident species of salmonids have been documented. Native resident char and sea-run cutthroat trout are also known to have habitat in the Carbon River.

c. **Is the site part of a migration route? If so, explain.** Yes, anadromous fish, migratory birds, and other wildlife use the Puyallup and Carbon Rivers and the general vicinity of the Orting shoreline area as a migration route.

d. **Proposed measures to preserve or enhance wildlife, if any:** The Shoreline Policies and Regulations Chapter of the Orting SMP addresses plants and animals in Orting's shoreline. Specific regulations addressing wildlife include:

- Proposed shoreline uses and activities shall be located, designed, constructed, and managed to protect the existing ecological functions of the following critical areas:
 - Wetlands;
 - Fish and wildlife habitats, migratory routes, and spawning areas;
 - Frequently flooded areas;
 - Geologically hazardous areas, including erosion, landslide, steep slope, and seismic hazard areas; and
 - Groundwater recharge areas.
- The City shall protect existing ecological functions and processes of critical areas within the shoreline jurisdiction using best available science. This includes restoration of degraded shoreline areas, if applicable.

One of the proposed amendments to the SMP resulting from periodic review is to delineate wetlands in accordance with the approved federal wetland delineation manual. Another proposed amendment is to adopt the City's 2016 Critical Areas Ordinance by reference, which contains provisions for all critical areas.

e. **List any invasive animal species known to be on or near the site.** None known. Per Washington Invasive Species Education, invasive animal species known to occur in riparian areas of western Washington include the American bullfrog and nutria.

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.** No energy needs associated with the proposed SMP amendments.

b. **Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.** No; proposal is a non-project action.

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:** None. No development is specifically proposed for this non-project legislative action.

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.** None resulting from the proposal.

1) **Describe any known or possible contamination at the site from present or past uses.** The Department of Ecology has located sites of known and possible contamination, mostly by petroleum, benzene, and solvents, in and around Orting. Sites designated NFA include the former Gratzer Farm property, 215 Van Scoyoc Avenue, Orting Auto Repair & Towing, Johns Orting Texaco, and L&M Restaurant Firehouse. Sites awaiting cleanup including Orting Feed & Supply and Puget Power Electron Power. Sites where cleanup has begun include Orting Exxon, Key Bank, City Hall, and the Orting Soldiers Home. None of these sites lie directly within the shoreline jurisdiction.

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 known, beyond the contamination sites listed above. There are no underground hazardous liquid or gas transmission pipelines in Orting's shoreline jurisdiction.

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 toxic or hazardous chemicals are associated with the proposed SMP amendments.

- 4) **Describe special emergency services that might be required.** None. No development is specifically proposed for this nonproject legislative action.
- 5) **Proposed measures to reduce or control environmental health hazards, if any:** The SMP includes provisions to limit development in shoreline areas. The SMP sets out policies and regulations to protect the City's shorelines. None are affected by the proposed amendments to the SMP as part of the periodic review, and no further policies or regulations associated with environmental health hazards are proposed.

b. Noise

- 1) **What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?** None associated with the proposed amendments to the SMP. Noise in the City's shoreline jurisdiction is typical of urban and suburban environments, in which traffic noise predominates.
- 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.** None. No development is specifically proposed in this non-project legislation.
- 3) **Proposed measures to reduce or control noise impacts, if any:** Regulations contained within the SMP regarding noise include:
 - Noise levels shall not interfere with the quiet enjoyment of the shoreline.
 - Ambient noise levels shall be a factor in evaluating a shoreline permit application. Shoreline developments that would increase the noise levels to the extent that the natural character of the shoreline would be disrupted shall be prohibited.

No changes to noise-related regulations are included in the proposed SMP amendments prompted by periodic review.

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.** Existing land within the City's shoreline jurisdiction includes a mixture of single-family residential housing, publicly owned land, and parks and other recreational areas. No changes to land use within the shoreline jurisdiction will result from the proposed SMP amendments.
- 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? Yes, much of the area was farmed prior to annexation to the City of Orting. There are a few parcels that continue to support agricultural uses that are now pending development. Forest practices are prohibited within the City's shoreline jurisdiction. Farmland will not be converted to nonfarm use as a result of this non-project action.

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. Forest practices are prohibited in the shoreline jurisdiction. No changes to agricultural operations anticipated as a result of the proposed SMP amendments.

c. **Describe any structures on the site.** The majority of the structures that are located within the City's shoreline jurisdiction are single-family residences. There are also some publicly owned structures located within Orting's shoreline, such as the river levees which are owned and maintained by Pierce County. The City's wastewater treatment plant is also located within the shoreline area.

d. **Will any structures be demolished? If so, what?** None will be demolished as a result of the proposed SMP amendments.

e. **What is the current zoning classification of the site?** The majority of the shoreline jurisdiction areas are zoned for low- to moderate-density single-family residential. There are also several areas zoned for public use, including for parks and other recreational uses.

f. **What is the current comprehensive plan designation of the site?** The shoreline jurisdiction includes Residential, Public Facilities, Open Space, and Recreation zoning.

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

h. **Has any part of the site been classified as a critical area by the city or county? If so, specify.** Yes, there are "environmentally sensitive" areas within the shoreline jurisdiction. The locations of these areas, including NWI wetlands, are shown on the City of Orting Critical Areas Map in the Orting Shoreline Inventory Report.

i. **Approximately how many people would reside or work in the completed project?** None. No development is specifically proposed for this non-project action.

j. **Approximately how many people would the completed project displace?** None resulting from the proposed SMP amendments.

k. **Proposed measures to avoid or reduce displacement impacts, if any:** None anticipated as a result of the proposed SMP amendments.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: Regulations are included in Chapter 5 – General Policies and Regulations that address existing and potential development in the shoreline jurisdiction.

These include:

- All proposed shoreline development shall be designed in accordance with the State environmental Policy Act, the City’s Critical Areas Ordinance, applicable local land use codes, and federal FEMA flood control regulations.
- Trail and bicycle paths should be encouraged along the Puyallup and Carbon River in places where they are compatible with the natural character, resources, and ecology of the shoreline, such as in areas where there is a potential for a nonmotorized transportation linkage to an existing public access area.
- Utility development shall, through coordination with local government agencies, provide for compatible, multiple uses of sites and rights-of-way. Such uses include shoreline public access points, trail systems, and other forms of recreation and transportation, providing such uses will not unduly interfere with utility operations, endanger public health and safety, or create a significant and disproportionate liability for the owner.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: No impacts to agricultural lands are anticipated as a result of the proposed SMP amendments. Forest lands are prohibited within the City’s shoreline jurisdiction.

9. Housing

- a. **Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.** None resulting from the proposed amendments to the SMP.
- b. **Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.** None as a result of the proposed amendments to the SMP.
- c. **Proposed measures to reduce or control housing impacts, if any:** None, as no housing impacts are anticipated.

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?** No development proposed for this non-project legislative action.
- b. **What views in the immediate vicinity would be altered or obstructed?** None.

c. **Proposed measures to reduce or control aesthetic impacts, if any:** Chapter 6 of the SMP, Shoreline Use Policies and Regulations, includes a section on aesthetic regulations with these provisions:

- Parking facilities shall be located landward from the principal building being served, except when an alternate orientation would have less adverse impact on the shoreline.
- Proposed development, uses, and activities on or near the shoreline should not impair or detract from the public's access to the water.
- Public views from the shoreline upland areas should be enhanced and preserved. View enhancement should not mean excess removal of vegetation that partially impairs views.
- All signs should be located and designed to minimize interference with views of the shoreline.

No changes to regulations regarding aesthetic impacts are included in the proposed SMP amendments prompted by periodic review.

11. *Light and Glare*

- a. **What type of light or glare will the proposal produce? What time of day would it mainly occur?** None associated with the proposed SMP amendments.
- b. **Could light or glare from the finished project be a safety hazard or interfere with views?** No, not as a result of the proposed SMP amendments.
- c. **What existing off-site sources of light or glare may affect your proposal?** None known.
- d. **Proposed measures to reduce or control light and glare impacts, if any:** Per the SMP, lighting shall be properly directed or shielded to avoid off-site glare and impacts to fish habitat areas. No changes to light- and glare-related regulations are included in the proposed SMP amendments prompted by periodic review.

12. *Recreation*

- a. **What designated and informal recreational opportunities are in the immediate vicinity?** Calistoga Street Park, Calistoga Dog Park, Gratzner Park, Orting School District property, and the Old Soldiers Home Setback Levee project are located along the Puyallup River. Many of these sites provide public access and informal recreational opportunities to the Orting shorelines. Orting High School is also developed with active recreation opportunities next to the Carbon River.
- b. **Would the proposed project displace any existing recreational uses? If so, describe.** No, not as a result of the proposed SMP amendments.
- c. **Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:** The Orting SMP contains

policies regarding recreational facilities in Chapter 6 – Shoreline Use Policies and Regulations. Recreation facilities in Orting are to be consistent with other adopted park, recreation, and open space plans. These facilities are to be located to preserve, enhance, or create scenic views or vistas. Specific regulations in the SMP include:

- Recreational access shall be designed to avoid conflict with private property rights, and to create the minimum objectionable impact on the adjoining property.
- Public access to the water's edge shall be included in new recreational development.
- Accessory parking associated with public recreational uses shall be designed to have a minimum impact on the environment.
- For recreation developments that require the use of fertilizers, pesticides, or other toxic chemicals, such as golf courses and playfields, the applicant shall submit plans demonstrating the methods to be used in order to prevent these applications and resultant leachate from entering adjacent water bodies. The developer shall be required to leave a chemical-free swath at least two hundred (200) feet in width landward of the ordinary high water mark and associated wetlands.
- Signs indicating the public's right of access to shoreline areas shall be installed and maintained in conspicuous locations at the point of access and the entrance and should conform to the sign regulations in the Shoreline Master Program.
- The following setbacks shall be applied for recreational facilities and structures. The setbacks shall be measured from the ordinary high water mark:
 - Non-water oriented: 100 feet
 - Campsites, picnic areas, and related uses: 75 feet
 - Access roads, restrooms, and accessory structures: 75 feet
 - Parking areas (accessory): 75 feet
 - Golf courses, sports fields, intensive uses: 100 feet

No changes to recreation-related regulations are included in the proposed SMP amendments prompted by periodic review.

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 ? If so, specifically describe.** There are not any historic or cultural sites in the City of Orting listed in the Shoreline Characterization Report.
- 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.** No specific such landmarks or evidence are listed in the Orting Shoreline Characterization Report. The City of Orting is situated between the Carbon and Puyallup Rivers, where cultural and archaeological items have been located on or adjacent to the historical Soldiers Home site located near the Puyallup River in the southern portion of the City.

- 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.** Potential impacts have not been assessed for this non-project action, as the proposed amendments to the SMP are not expected to affect cultural and historic resources within the shoreline jurisdiction should they be found to exist.
- 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.** Chapter 5 – General Policies and Regulations addresses historical/cultural areas in the Orting Shorelines. Specific regulations include:
- All shoreline permits shall contain provisions which require developers to immediately stop work and notify the City, State Office of Archaeology and Historic Preservation and affected Indian tribes of any archaeological phenomena uncovered during excavations. In such cases, the developer shall be required to provide for a site inspection and evaluation by a professional archaeologist in coordination with affected Indian tribes to ensure that all possible valuable archaeological data is properly salvaged.
 - Significant archaeological and historic resources shall be permanently preserved for scientific study, education, and public observation. If a qualified archaeologist determines that a site has significant archeological, natural, scientific, or historical value, a shoreline substantial development permit shall not be issued. The City may require that development be postponed in the affected areas to allow investigation of public acquisition potential and/or retrieval and preservation of significant artifacts.
 - In the event that unforeseen factors constituting an emergency as defined in RCW 90.58.030 necessitate rapid action to retrieve or preserve artifacts or data, the project may be exempted from the permit requirements. If the project is exempt, the City shall notify the State Department of Ecology, the State Attorney General's Office, the Office of Archaeological and Historic Preservation, and affected Indian tribes in a timely manner.
 - Archaeological sites located both in and outside the shoreline jurisdiction are subject to RCW 2744 (Indian Graves and Records) and RCW 2753 (Archaeological Sites and Records) and shall comply with WAC 25-48 as well as the provisions of this Master Program.
 - Identified historical or archaeological resources shall be designed and managed to provide maximum protection to the resource and surrounding environment.

No changes to historic and cultural preservation provisions are included in the proposed SMP amendments prompted by periodic review.

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.** The major highway serving the City of Orting is State Route 162, which connects to the City street system in the downtown area.

- 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 City of Orting is not served by Pierce County public transit. The nearest transit stops are located in South Hill approximately nine miles away.
- c. **How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?** None. No development is specifically proposed. The proposal involves a city non-project legislative action that will not change the number of parking spaces that new or modified development is required to provide.
- 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).** No, none.
- e. **Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.** No; the proposed amendments to the SMP do not affect transportation.
- 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?** None associated with the proposed amendments to the SMP.
- 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 change to the movement of such products is anticipated as a result of the proposed amendments to the SMP.
- h. **Proposed measures to reduce or control transportation impacts, if any:** Chapter 6 - Shoreline Use Policies and Regulations addresses transportation in the Orting shoreline jurisdiction. Policies state that new roads in the shoreline jurisdiction should be minimized, they should be planned to fit topographical characteristics of the shorelines to avoid alterations of natural conditions, trail and bicycle systems should be encouraged, and joint use of corridors for transportation and utilities is encouraged. Transportation-specific regulations include:
- Transportation facilities and services shall utilize existing transportation corridors wherever possible, provided the shoreline is not adversely impacted and the development is otherwise consistent with this Master Program.
 - Transportation and primary utility facilities shall be required to make joint use of rights-of-way and to consolidate river crossings.
 - Major new highways, freeways, and railways shall avoid being located in the shoreline jurisdiction to the extent practical, except where a river crossing is required. These roads

shall cross shoreline areas and rivers by the shortest, most direct route, unless this route would cause more damage to the environment.

No changes to provisions regarding transportation and its impacts are included within the proposed SMP amendments prompted by periodic review.

15. Public Services

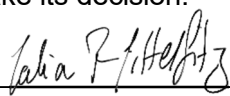
- a. **Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.** No change anticipated as a result of the proposed SMP amendments.
- b. **Proposed measures to reduce or control direct impacts on public services, if any.**
None proposed; no impact anticipated.

16. Utilities

- a. **Circle utilities currently available at the site:**
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____
All of the above are available within the City's shoreline jurisdiction.
- 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.** None associated with this non-project proposal.

C. Signature

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

Signature: 
Name of signee: Talia Tittelfitz
Position and Agency/Organization: Senior Planner, BHC Consultant
Date Submitted: 2/26/2019

D. Supplemental sheet for nonproject actions

- 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 proposal to adopt amendments to the existing Orting Shoreline Master Program will not directly cause increases to discharges to water, emissions to air, productions, storage, or release of toxic or hazardous substances; or production of noise. However, future development projects regulated under the SMP, such as limited new residential development, could potentially cause a slight increase in the levels of air emissions and noise production.

Proposed measures to avoid or reduce such increases are: Future development projects would be subject to the Policies and Regulations of the SMP and the Orting Municipal Code as well as SEPA. Project-level approval will be conditioned in accordance with City review and appropriate additional environmental analysis to be determined at the time of application. Certain mitigation standards are contained in the SMP regulations and other mitigation measures will be identified and applied during the project review for individual development projects.

2. How would the proposal be likely to affect plants, animals, fish, or marine life? The purpose of the SMP Orting shoreline environment designation (Urban Conservancy) is to provide protection of the shoreline area to be consistent with the Shoreline Management Act and the SMA Guidelines for no net loss of ecological functions. Although the proposed amendments to the SMP do not affect mitigation or restoration procedures, the current SMP provides for potential adverse impacts to plants, animals, fish, and marine life to be mitigated through established sequencing procedures and for the facilitation of restoration activities intended to enhance plants, animals, fish, and marine life within the shoreline jurisdiction.

Proposed measures to protect or conserve plants, animals, fish, or marine life are: Chapter 6 – Shoreline Use Policies and Regulations contains a section of regulations specific to plant and animals. These regulations specifically strive to protect and restore anadromous fish resources in the shoreline jurisdiction, and to locate and conduct growth in a manner to minimize impacts to existing ecological resources in the shoreline jurisdiction. Projects are to be designed to avoid removal of vegetation and shall minimize impacts to natural features of the shorelines. Mitigation shall be required for the loss of natural resources.

3. How would the proposal be likely to deplete energy or natural resources? Demands for energy and natural resources will increase along with population growth and associated development irrespective of the subject proposal to adopt the periodic review amendments to this SMP. Individual development proposals will be reviewed and potentially mitigated on a project level with regard to energy and natural resources impacts.

Proposed measures to protect or conserve energy and natural resources are: Concentration of development under the Shoreline Master Program environment designation (Urban Conservancy) will enable the conservation of natural resources in shoreline areas that are mostly undeveloped.

Public transportation and non-motorized modes of transportation, such as recreational trails that provide public access to the river are also promoted by regulations in the SMP (Chapter 6 – Shoreline Use Policies and Regulations).

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? Chapter 4 – Shoreline Goals and Policies addresses fish and wildlife habitat protection, historic, cultural sites and recreational opportunities. The updated Critical Areas Ordinance, adopted in 2016, is proposed to be adopted into the SMP by reference. This would ensure that any development proposals in the shoreline jurisdiction comply with the increased standards for protection of plants, animals, fish, and marine life as found in the CAO and otherwise compliant with the requirements of the Endangered Species Act. Another proposed amendment prompted by periodic review is to delineate wetlands in accordance with the approved federal wetland delineation manual.

Proposed measures to protect such resources or to avoid or reduce impacts are: Chapter 5 – General Policies and Regulations specifies policies and regulations to protect environmentally sensitive areas and regulates shoreline specific uses. The proposed amendments to the SMP are not expected to adversely affect environmentally sensitive areas. Rather, these proposed clerical revisions would make it easier to coordinate the protection of habitat and environmentally sensitive areas by ensuring that all references to local, state, and federal plans and regulations associated with the administration of the SMP are consistent and up-to-date.

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? The amendments to the existing Orting SMP were written to ensure compatibility with existing plans and regulations. In addition to compliance with the provisions of the Shoreline Management Act, the Orting SMP must be consistent with local plans and policy documents, specifically the Orting Comprehensive Plan.

Proposed measures to avoid or reduce shoreline and land use impacts are: The Orting SMP is intended to avoid and reduce impacts to the shoreline area by providing protection of the shoreline’s ecological functions. Future development will be evaluated for potential impacts to the shoreline and those proposals must be consistent with the City of Orting’s 2017 Comprehensive Plan, the City’s 2016 Critical Areas Ordinance, the Shoreline Management Act, the Growth Management Act, and regulatory reform legislation. Measures to avoid or reduce shoreline and land use impacts are embodied in the policies and development regulations of Orting’s current SMP and other City codes.

6. How would the proposal be likely to increase demands on transportation or public services and utilities? Unlikely. The proposed amendments to the SMP will not directly cause an increase on demand for transportation, public services and utilities.

Proposed measures to reduce or respond to such demand(s) are: Chapter 6 – Shoreline Use Policies and Regulations of the SMP includes policies and regulations for managing the provision of public services and utilities to assure concurrency and joint use of existing facilities.

7. **Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.** None identified. The proposed amendments to the SMP are minor procedural changes largely intended to update references to state and federal laws as directed by Ecology. The proposed SMP amendments also include adopting the City's 2016 Critical Areas Ordinance by reference. Per the SMP, in any case where the SMP's policies or regulations conflict with those of another applicable City, state, or federal requirement, the policies and regulations that provide more protection to the shoreline area shall apply.