

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

Central Port Stormwater Improvement

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

Port of Kalama

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

Eric Yakovich  
Port of Kalama  
Economic Development Manager  
110 W Marine Drive  
Kalama, WA 98625  
1-360-673-2325

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

November 6, 2017

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

City of Kalama

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

Early 2018

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

There are no plans at this time.

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

City of Kalama Shoreline Narrative for Substantial Development Permit Narrative  
City of Kalama Critical Areas Determination Exemption Memo  
Port of Kalama Central Port Stormwater – Cultural Resources Report  
SEPA Determination  
Port of Kalama Central Port Stormwater  
– Preliminary Stormwater Report (10-25-17)  
WEST Consultants, Inc – Technical Memo and No-Rise Certification (10-27-17)  
Groundwater Assessment (1-6-16)  
Hazardous Material Survey (10-16-17)

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.

[\[help\]](#)

City of Kalama Shoreline Substantial Development Permit  
City of Kalama Critical Areas Permit Exemption  
City of Kalama Grading/Excavation Permit  
City of Kalama Floodplain Development Permit  
NPDES Construction Stormwater Permit

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

The project will involve constructing a new stormwater infiltration facility on the approximate 7-acre site. Stormwater is currently captured in lower elevations on the site and drained to a common asphalt-lined, linear pond. The existing pond will be filled in and the storm pipes will be capped. All stormwater will be pumped to the new infiltration pond, which will be located at the north end of the project area. Stormwater within the new pond will fully infiltrate; no water will leave the site. The project will also involve:

- Replacing three existing stormwater pump systems
- Demolishing two buildings,
- Removing three utility poles,
- Capping two storm pipes,
- Relocating a transformer,
- Removing concrete barriers and various blockades from a previous industry,
- Removing an obsolete backup pump,
- Minor filling and paving areas of low elevation on the property,
- Maintaining infiltration ponds, including vegetation and soil management, post-construction to ensure continued functionality of the system as designed.

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

The project site is located in the City of Kalama at 1253 North 3<sup>rd</sup> Street and includes Parcel 41029 and a portion of parcel 41118 all within Section 7, Township 6 North, Range 1 West of the Willamete Meridian.

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

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

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

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

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

The steepest slope on the site is the Columbia River Bank which is an approximate 1:1 (100 percent) slope. All other areas slope approximately 2 percent or less.

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. [\[help\]](#)

Pilchuck loamy fine sand, 0-8 percent slopes is mapped onsite by the Natural Resource Conservation Service website (accessed October 2017). Soils observed onsite, however, consisted of historic fill containing gravel and other debris creating an effectively impervious surface. The site is not classified as agricultural land of long-term commercial significance.

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

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. [\[help\]](#)

The project will involve approximately 7,400 cubic yards of excavation and 2,500 cubic yards of fill to create the new pond and to level and fill the existing pond and other low areas. The area to be filled is approximately 7,000 square feet and the excavation area encompasses approximately 1.7 acres (73,3000 square feet). Excavated material not suitable for fill will be disposed of in an approved offsite location. Fill material if needed will be imported from a clean, local source.

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

Erosion is not anticipated as the entire site is considered impervious. Areas to be filled will also be impervious.

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

The entire site is currently considered impervious. There will be less impervious surface once the stormwater pond is excavated and constructed as it is designed for 100 percent infiltration. Total impervious surface post-construction will be approximately 75 percent.

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

No erosion is anticipated. Stormwater inlets in immediate vicinity of the project area will be protected with biobags filled with wood chips or be fitted with filter fabric to prevent sediment-laden water from entering the storm drains.

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

None

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

No

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

Not Applicable

## 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 Columbia River (Shoreline of Statewide Significance, fish bearing) flows north along the western site boundary.

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

A portion of the excavation and grading will occur within 200 feet of the river.

- 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 work will be done in wetlands or surface waters.

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

No

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

Yes a portion of the site is within the 100-year floodplain.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. [\[help\]](#)

No

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

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. [\[help\]](#)

Not applicable

c. Water runoff (including stormwater):

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

The project involves creating a new stormwater infiltration facility. All runoff from the site will be routed to catch basins and will be conveyed to the facility.

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

No

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

The project does not affect natural drainage patterns. Impervious surface runoff is currently conveyed to the existing stormwater facility. Post-construction, impervious surface runoff will be directed to the new stormwater facility.

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

None. No impacts are anticipated from the proposed development. Existing discharge point locations to the Columbia River will be capped so stormwater runoff will no longer flow to the river. The project will ultimately improve water quality at the project site by increasing infiltration.

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

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

\_\_\_deciduous tree: alder, maple, aspen, other

\_\_\_evergreen tree: fir, cedar, pine, other

\_\_\_shrubs

\_\_\_grass

- pasture
- crop or grain
- Orchards, vineyards or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

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

Very little vegetation

The only vegetation present is regularly maintained and consists of scattered weedy annuals and mosses capable of growing in highly disturbed conditions.

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: [\[help\]](#)

None

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

Small amounts of false indigo (*Baptisia australis*) were growing along the lower bank of the Columbia River.

## 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 \_\_\_\_\_

Fish and seals are present in the Columbia River. Heron, geese, birds of prey, gulls, crows, and various species of waterfowl and song birds may be present onsite. Raccoon, opossum, and rodents may also be present onsite.

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

Listed fish species are present in the Columbia River.

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

Yes, the Pacific Flyway

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

No measures proposed due to lack of habitat to attract wildlife and most birds.

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

None known

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

Electricity will be needed to power the pump stations.

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

No

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: [\[help\]](#)

None. The project has minimal energy needs.

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

None are expected. Due to contamination issues at a separate site to the north of this project, a Groundwater Assessment was conducted to ascertain if the contamination extends to the project site. The Groundwater Assessment did not detect petroleum hydrocarbons or volatile organic carbons in the groundwater samples at the project site.

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

Historic use of the property by previous yacht construction and production and packaging of chlorine bleach and other industrial tenants resulted in low level total petroleum hydrocarbons and petroleum constituents and benzene in the groundwater. Ongoing monitoring shows that the groundwater flow direction is away and not toward the river, and pH levels are neutral and that the low level constituents are naturally attenuating. The proposed stormwater infiltration project is not expected to adversely affect groundwater flows or interfere with the natural attenuation of the aforementioned constituents.

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. [\[help\]](#)

None



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. [\[help\]](#)

None

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

None

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

None

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

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

Existing noise will not affect the project.

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

Short-term: typical noise from heavy machinery used for construction will occur.

Long-term: the completed project will not generate noise.

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

No measures proposed; work will be in an industrial area and construction will occur during normal business hours.

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

Current use of the site is industrial. The proposal will not affect current land use onsite or on adjacent or nearby properties.

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? [\[help\]](#)

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: [\[help\]](#)

No

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

The site currently contains a large industrial warehouse, two smaller former industrial buildings and three pump stations.

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

Yes. The two small former industrial buildings and the southern most pump station will be removed. A Hazardous Material Inspection report prepared for the project states that no asbestos materials are in the buildings to be demolished.

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

Industrial

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

Industrial

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

Industrial

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

The Columbia River is a critical area.

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

None

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

None

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

Not applicable

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

The project is compatible with surrounding land uses as stormwater from the surrounding area will be directed to the new infiltration pond for treatment.

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

Not applicable

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

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

None

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

None

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

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? [\[help\]](#)

The berm around the pond will be up to six feet high.

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

None

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

None

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

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

None

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

No

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

None

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

Not applicable

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

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

Boating, fishing, and water related activities occur on the Columbia River.

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

The site is used for heavy industry. There is no recreational use of the site of the shoreline in this reach.

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

None

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

No

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

No

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

A cultural resources survey was conducted on the site on May 27, 2016 by Achaeological Investigations Northwest, Inc. finding no achaeolglcal resources within the project 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. [\[help\]](#)

In the unlikely event that an archeological artifact is found during construction, all work will stop and the appropriate authorities will be notified. Work will not commence until approved by the authorities.

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

Gravel and asphalt access driveways off of NW 3<sup>rd</sup> Street provide access to the project 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? [\[help\]](#)

The City of Kalama does not have public transit.

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

Parking spaces are not needed for the proposed project and none will be eliminated

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

No

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

A variety of ships use the Columbia River for transportation. Rail also serves several of the nearby business.

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

The pond will need to be maintained a few times a year by bulldozer and will likely require between 2 and 4 vehicular trips per year. The vehicle used will likely be a pick-up truck.

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

No

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

None

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

No

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

None

#### 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 of the above services are available at the project site.

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [\[help\]](#)

The project proposes a stormwater infiltration pond at the site. No other new utilities are proposed. The completed project will need electricity for the pump stations.

**C. Signature** [\[help\]](#)

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

Signature: 

Name of signee Steffanie Taylor

Position and Agency/Organization Ecological Land Services, Inc

Date Submitted: 11/6/17