SEPA ENVIRONMENTAL CHECKLIST

A. Background
1. Name of proposed project, if applicable:
Stormwater Conveyance Project (Project)

2. Name of applicant:
Port of Longview

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

Lisa Hendriksen
Port of Longview
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Longview, Washington 98632
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4. Date checklist prepared:
May 8, 2020

5. Agency requesting checklist:
Port of Longview

6. Proposed timing or schedule (including phasing, if applicable):
Project is scheduled to begin June 1, 2020 and completion by December 1, 2020

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

There are no other plans related to this project, however, the Port is planning on relocating rail tracks within this area in the future.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
A wetland determination and critical areas determination was conducted, and no critical areas or wetland features exist (Ecological Land Services, 2020).


9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

There are no known applications pending for governmental approvals of other proposals directly affecting the property.

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

Cowlitz County Fill and Grading 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.)

The Port of Longview (Port) is proposing to fill an open stormwater ditch and remove a stormwater diversion vault and replace it with an underground culvert. This Project will allow for better infrastructure maintenance and operations. This project includes earthwork such as clearing, grubbing, excavation, and paving, in total 0.5 acres will be disturbed.

The stormwater conveyance system updates will include excavation for new underground stormwater conveyance piping, removal of the obsolete piping, removal of a stormwater diversion vault, and approximately 1100 yards of fill placement in existing open stormwater ditches. New stormwater conveyance infrastructure includes installation of manholes and drainage pipe. Some minor road construction will be associated with this project including repaving of approximately 1100 feet of road surface and rail crossing redesign. There will be a temporary road closure on the Port’s road, North Tie Road, during construction. Detour routes will be signed. Best management practices will be utilized during all phases of this Project. At completion of this project, a 6.5-foot chain-link fence will be installed within the proposal area.

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 Project is located on North Tie Road, just southwest of the terminus of Paper Way in Longview, WA Cowlitz County, within Sections 4 of Township 7N, Range 2W, W.M.
B. ENVIRONMENTAL ELEMENTS

1. Earth
   a. General description of the site:
      
      (circle one): Flat, rolling, hilly, steep slopes, mountainous, other __________

   b. What is the steepest slope on the site (approximate percent slope)?
      
      The steepest slopes on the Project area is approximately 5%.

   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.
      
      This Project is dominated by Caples Series soils which consist of very deep, somewhat poorly drained soils formed in alluvium. Caple soils are typically found on nearly level floodplains and low terraces (DNR Soils Washington Geospatial Open Data Portal).

   d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
      
      No

   e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.
      
      Approximately 0.5 acre of disturbance will occur with the Project area. All fill material will be clean and sourced locally.

   f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
      
      The proposed Project is not anticipated to cause erosion issues. A Temporary Erosion Sediment Control (TESC) plan has been developed for the project which includes site specific BMP's to eliminate sediment erosion potential.

   g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
      
      Additional impervious surface will be added from this project totaling approximately 0.1 acres.

   h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Actions to control erosion during and after this Project include the use of BMP measures such as mulch, straw, waddles, and other tools. Revegetation of the site post construction will occur and thus lessen the likelihood of erosion.

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.

   Temporary construction equipment will produce diesel exhaust during construction.

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

   No

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

   None

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.

   The stormwater ditch proposed to be filled and relocated to an underground culvert is dry during the summer months and discharges intermittently during the wet season. The ditch currently flows into a culvert system west through the Port's warehouse complex, then north under Industrial Way to the Consolidated Diking Improvement District No. 1 (CDID#1), Ditch #3. Ditch #3 runs west to the CDID#1 Oregon Way Pump Station which is discharged to the Columbia River under the Lewis and Clark Bridge. No discharge from construction activities is expected to this water body due to the timing and design of the Project.

   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.

      The Project proposes to fill and culvert an existing stormwater ditch.

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

No

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

No

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

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.

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.

None known

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 will occur on impervious and poorly draining surfaces and will sheet flow into vegetated 
depressions to the south and existing stormwater ditch to the north. The Project includes blocking of 
outflows from the site to be managed and infiltrated on site. The section of the stormwater ditch to be 
filled for this Project will continue to discharge as described in 3(a)(1) above.

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

No

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

No
d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

The Project includes blocking of outflows from the site to be managed and infiltrated on site. A TESC has been developed for construction. Once construction is complete, stormwater will exit the site in the same manner as pre-construction with the exception of a segment going to a culvert versus open ditch.

4. Plants
a. Check the types of vegetation found on the site:

-  _ _ deciduous tree: red alder
-   _ _ evergreen tree: fir, cedar, pine, other
-   _ _ shrubs
-   _ _ grass fescue, cat 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: wild carrot, tansy ragwort, Himalayan blackberry, dandelion, poison
-   hemlock, mullein

b. What kind and amount of vegetation will be removed or altered?

Grass and upland weeds will be removed associated with this Project.

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

The U.S. Fish and Wildlife Service lists Nelson’s checker-mallow (Sidalcea nelsoniana) as an ESA-listed threatened species potentially occurring within Cowlitz County, none were observed on the proposal area.

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

None proposed

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

Poison hemlock, dandelion, tansy ragwort, mullein, and Himalayan blackberry are all classified as noxious weeds.

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.
Observed on or near the site:

birds: hawk, heron, eagle, songbirds, other: osprey, Canada goose, ducks
mammals: deer
Fish: None

b. List any threatened and endangered species known to be on or near the site.
Federally-listed species that may occur in the vicinity of the Project include the following:

None

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

The site is within the Pacific Flyway for migrating waterfowl.

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

The Project is located on industrial use land, therefore, preserving or enhancing wildlife is not encouraged.

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

None known

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Not applicable

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

The Project will not affect the potential use of solar energy by adjacent properties.

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

This Project does not include energy conservation features.

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.
There are no environmental health hazards that could occur as a result of the Project. An unintentional release of fuel, lubricants, or hydraulic fluid from construction equipment may occur.

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

There is no known contamination on the site.

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

There are no existing hazardous chemicals or conditions that may affect Project development or design.

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 will be stored, used, or produced during the Project's development, construction, or at any time during the operating life of the Project.

4) Describe special emergency services that might be required.

The Project will comply with all applicable regulations related to emergency services. No special emergency services are anticipated to be needed for the Project.

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

The Project will comply with all applicable regulations related to environmental health. To reduce or control potential environmental health hazards during construction, BMPs will be implemented during construction.

b. Noise

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

The noise from the surrounding environment will not impact 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.

Long-term noise levels at the site will remain similar to existing levels after Project completion. A temporary increase in noise may occur during construction.

3) Proposed measures to reduce or control noise impacts, if any:
The Project will be performed in accordance with City, County, state, and federal requirements for construction noise.

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.

The Project area is currently used as a rail line for Port marine activities and will continue to do so. The Project will not impact adjacent 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?

The Project site has not been used for agriculture.

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

The Proposal will not affect or be affected by adjacent agriculture operations.

c. Describe any structures on the site.

Existing structures onsite include:
- Rail Spur - 6 steel rails for train transport
- 4 existing manhole vaults for stormwater conveyance management
- Culvert pipe varying in size from 36"-48" for conveyance of stormwater water
- Various height chain-link fencing

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

Yes, approximately 700 feet of existing culvert will be demolished and 3 manholes/vault.

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

Heavy Manufacturing.

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

Economic Resource Land Industrial

g. If applicable, what is the current shoreline master program designation of the site?
Not applicable

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

No

i. Approximately how many people would reside or work in the completed project?

None

j. Approximately how many people would the completed project displace?

No people will be displaced by the completed Project.

k. Proposed measures to avoid or reduce displacement impacts, if any:

No people will be displaced by the completed Project; therefore, no measures to avoid or minimized displacement impacts are proposed.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The Project is consistent with existing and future land uses.

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

This Project will not change the use of the property and will thereby remain compatible with adjacent property uses.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

Housing units are not included in the proposed Project.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

No housing exists on the site; therefore, no housing units would be eliminated.

c. Proposed measures to reduce or control housing impacts, if any:

No housing exists on-site; therefore, no measures to reduce or control housing impacts are proposed.
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?

A 6'5" chain link fence will be installed associated with this Project will be installed.

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

Views will not be altered in the immediate vicinity; they will remain similar to current views.

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

Not applicable.

11. **Light and Glare**

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

This proposal will not affect the type of light or glare.

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

No

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

None

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

Not applicable

12. **Recreation**

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

Not applicable, the project area is currently used by rail on Port property.

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

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:
13. **Historic and cultural preservation**

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

None known

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.

None known

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.

Methods used to assess the potential impacts to cultural and historic resources on or near the Project area include the following: GLO Map Review, DAHP Register Layers available on the Washington Geospatial Open Data Portal.

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.

This site can be accessed via Paper Way, Panel Way and International Way. The public roadway will be impacted by this project.

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?

Public transit is not available at the site. The nearest transit stop is located on Oregon Way, approximately .5 miles from the Project area.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

The proposed Project will not increase parking.
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

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

The Project will occur in the immediate vicinity of Port rail, the rail-line being impacted services the Port tenants and lessees. Estimated time of disruption is 5 days. Any disruption to rail traffic will be coordinated to minimize impacts to transport.

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?

Noncommercial vehicle trips will not be generated by the Project. It is expected that a temporary increase in heavy truck traffic will occur during peak construction times. After construction it is anticipated that traffic will return to current levels.

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.

The Project will not interfere with, affect, or be affected by the movement of agricultural and forest products on roads or streets in the area as there are alternative routes.

h. Proposed measures to reduce or control transportation impacts, if any:

The Project will comply with all applicable codes and regulations. Temporary Port private road closure will be mitigated through detour signage.

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.

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

Not applicable.

16. **Utilities**
a. Circle utilities currently available at the site:
   [electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other]

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.
   No additional utilities are proposed.

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: [signature]
Name of signee: Lisa A Hendriksen
Position and Agency/Organization: Director of Planning and Environmental / Port of Longview

Date Submitted: ___5/8/2020____