

# City of Castle Rock

P.O. Box 370  
CASTLE ROCK, WA 98611  
(360) 274-8181



## MITIGATED DETERMINATION OF NON-SIGNIFICANCE

WAC 197-11-350

**MODIFIED PER WAC 197-11-340(2)(F) & 197-11-350(5)**

**Description of proposal:** Removal of approximately 150 cubic yards of sediment (silt, sand, and other debris) that was deposited during the December 2015 storm event; and replacement of a section of the boat launch that was removed during the storm event. Only dry sediment will be removed from the ramp and under the floats. The work will be done from the land side by equipment that may include vacuum suction truck, backhoe, skid-steer and dump truck; manual labor; or a combination of approaches. No in-water work will occur. The floats will either be stabilized and the sediment dug out from underneath them by means of equipment or by manual labor, or the floats will be removed while the material is being excavated and then replaced for safe usage. The approach will be decided upon at the time in consideration of conditions as the work begins. No sediment will be put back into the river, and a silt curtain will be used as the work is occurring. The sediment will be placed on the adjacent uplands where it cannot enter the river again.

**Proponent:** City of Castle Rock (David Vorse, Public Works Director)

**Location of proposal, including street address, if any:** Al Helenberg Memorial Boat Launch Park on the west bank of the Cowlitz River in Cowlitz County, Washington, 5100 Westside Highway within the Castle Rock corporate limits; Section 10, Township 9N, Range 2W; Assessor's tax parcel #308770100.

**Lead agency:** City of Castle Rock

**Responsible Official:** Deborah Johnson, City Planner  
**Address:** c/o Cowlitz-Wahkiakum Council of Governments  
207 Fourth Avenue North  
Kelso, Washington 98626-4195  
**E-mail:** djohnson@cwkog.org  
**Phone:** 360.577.3041

The Responsible Official for the City of Castle Rock hereby makes the following findings and conclusions based upon a review of the environmental checklist; other information on file with the City of Castle Rock and other public agencies; and the policies, plans, and regulations designated by the City of Castle Rock as a basis for the exercise of substantive authority under the Washington State

Environmental Policy Act (SEPA) pursuant to Chapter 43.21C WAC. **The Responsible Official has added to the findings and conclusions after duly considering timely comments on the original MDNS.**

### **Findings of Fact:**

General. This project is an immediate action to respond to storm damage and protect the public investment and public safety. The City is working on a plan to direct programmed periodic maintenance that will direct future actions. While these actions are physically and functionally related, it is not possible to evaluate their environmental impacts as a whole at this time. This project is being evaluated on a standalone basis to enable it to proceed in a timely manner. Any future actions will involve additional review under SEPA unless they are categorically exempt.

Earth. The environmental checklist characterizes the dredge material to be removed as “silt, sand, and other debris.” Federal data includes physical sediment analyses for the “Old Mouth of the Cowlitz” and from the mouth to the community of Lexington (a ten-mile span). It classifies the former as silt, silty sand, and silt with sand; the latter as sand. The ongoing issue of sedimentation in the region stems from the 1980 Mount St. Helens eruption. A site inspection and photographs demonstrates that the material contains both woody debris and manmade material – what appears to be remnants of landscaping cloth are evident – but is principally silty sand that is tightly packed under the floats associated with the boat launch.

Animals. Besides bald eagle migration cited in the SEPA checklist, the area is also within the Pacific Flyway, which is a broad migration route for numerous waterfowl and other bird species. No significant environmental concerns are identified.

The Cowlitz River is designated by the National Marine and Fisheries Service as critical habitat for Chinook Salmon *Oncorhynchus tshawytscha* and steelhead *Oncorhynchus mykiss*. WAC 220-66-110 empowers the state Department of Fish and Wildlife (DFW) to establish authorized work times (also known as the “fish window”) for work in both fresh and marine waters within Washington, in order to avoid harm to fish populations during sensitive stages of their development. For this purpose, rivers are broken into segments; the fish windows on the Cowlitz segments close from as early as August 15 and, at the latest, September 30. The work is proposed to be done within the fish window. A hydraulic permit (HPA) is being sought from DFW. Fish protection will be achieved by conforming to the HPA and any approval requirements of the Department of the Army (Corps) permit pursuant to 33 CFR 322 for work under, as applicable, section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403/33 CFR 320.2(b)) and/or section 404 of the Clean Water Act (33 U.S.C. 1344/33 CFR Part 323).

Environmental health. In its current state, the boat launch could pose a physical safety hazard to individuals attempting to use it. For this reason, the downstream ramp has been closed. The project will remedy this potential safety hazard. No significant environmental concerns are identified.

Land & shoreline use. The park is located on the westerly shore of the Cowlitz River and is already developed with a boat launch, associated transient float, restroom, parking, caretaker unit, and community garden. It is zoned Parks, Recreation, and Open Space and has the same comprehensive plan designation. Its shoreline designation is Rural.

This project constitutes “normal maintenance” to prevent a “decline, lapse, or cessation from a lawfully established condition” (WAC 173-27-040(2)(b)) thus is exempt from shoreline substantial development permit requirements. Because the usability of the floats is hampered by the sedimentation, it in turn affects shoreline access and the recreational use for which it was designed. The project will restore the full facilities to usable condition and reinstall a portion of the structure that was removed at the time of the storm.

Recreation. This project is intended to ensure continued public enjoyment of the boat launch facilities at the park. Without it, the usability of the floats and the launch itself will continue to be compromised. As the current conditions are also threatening to compromise the float structure, the project will help to preserve public investment in the park improvements.

Air, water, plants, energy & natural resources, noise, housing, aesthetics, light & glare, ~~historical & cultural preservation~~, transportation, public services, & utilities. No significant environmental concerns are identified.

Historical & cultural preservation. The project is within the Cowlitz Indian Tribe's area of concern. After reviewing the threshold determination and 2007 cultural resources survey, the Tribe's Cultural Resources Department (CRD) has recommended that an Inadvertent Discovery Plan be applied to the project in the event of the discovery of historical artifacts or remains. The CRD notes that this recommendation is based on all currently available knowledge and is subject to revision should new information arise. Based on this input and in keeping with WAC 197-11-340(2)(f) and 197-11-350(5), the Responsible Official has reconsidered the determination and finds it to be reasonable and prudent to modify the mitigation measures to incorporate the CRD's recommended actions.

#### **Conclusion of the Responsible Official:**

Mitigation measures. The following measures are required to address or mitigate for potential impacts created by the project:

1. The City shall comply with all terms and conditions of the Hydraulic Project Approval as may be issued by the state Department of Fish and Wildlife.
2. The City shall comply with all terms and conditions of the Army Corps of Engineers as may be required through the Section 10 permit.
3. The City shall comply with all terms and conditions of the state Department Ecology as may be required through the Water Quality Certification.

4. The City shall comply with all terms and conditions of the state Department of Natural Resources as may be required through the Aquatic Use Authorization.
5. Any subsequent phases of the project as described in the general findings of fact above, or as may be identified in the future, will require additional environmental review. At minimum, a new SEPA checklist must be prepared.
6. Prior to beginning work, the City or its contractor shall station a silt curtain at or inside the water line to contain any sediment that may roll toward the water as it is being removed. The silt curtain must meet the requirements of any state agency and/or federal permit, as appropriate.
7. Prior to beginning work, the City shall provide basic instruction to those who will be performing the work about what an inadvertent discovery of historical artifacts might look like using, at minimum, WSDOT's resource Cultural Resource Compliance during Construction; and inform workers about what steps should be taken in the case of an inadvertent discovery.
8. The City shall maintain hard copies of the WSDOT cultural compliance guide and the Cowlitz Indian Tribe's Inadvertent Discovery Language appended to this modified MDNS at the job site for easy reference as work is being performed.

Additional mitigation measures to be applied in the event of inadvertent discovery of historical artifacts or remains. If any archaeological or historic materials are encountered during project activity, the City shall:

*Immediately:*

- Stop work in the immediate area, initially allowing for a 100-foot buffer. As applied to this project, this will also mean that ordinary use of the boat launch itself must cease.
- Implement reasonable measures to protect the discovery site, including any appropriate stabilization or covering.
- Take reasonable steps to ensure the confidentiality of the discovery site.
- Take reasonable steps to restrict access to the discovery site.

*As soon as practicable:*

- Notify dAVE burlingame, director of cultural resources for the Cowlitz Tribe, at 360.577.6962 (office), 360.508.1677 (cell), 360.577.6207 (fax), or by e-mail at [culture@cowlitz.org](mailto:culture@cowlitz.org).
- Notify Gretchen Kaehler, local government archeologist for the state Department of Archeology and Historic Preservation, at 360.586.3088 (office), 360.628.2755 (cell), or by e-mail at [gretchen.kaehler@dahp.wa.gov](mailto:gretchen.kaehler@dahp.wa.gov).
- Based on consultation with these two parties, determine any other county, state, and/or federal agencies to which the discovery must be reported; and follow through on any such reports as appropriate.
- Work with the agency(ies) and Tribe regarding actions to be taken and disposition of the material.
- If human remains are discovered, the City shall initially notify Castle Rock Police Department prior to carrying out the above steps. If the remains are determined to be Native, the City

shall consult with the Tribe to direct the final disposition of the remains.

Issuance of MDNS. With implementation of the **modified** mitigation measures above, the Responsible Official determines that this proposal does not have a probable significant adverse impact on the environment. An environmental impact statement is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency, which is available to the public upon request.

This MDNS is issued under WAC 197-11-350. The City of Castle Rock will not act on this proposal for 15 days from date of issue. Comments must be received by 5:00 pm on May 26, 2016. The Responsible Official will reconsider the MDNS based on timely comments and may retain, modify, or, if significant adverse impacts are likely, withdraw the MDNS. If the MDNS is retained, it will be final after the comment deadline. The applicant may not begin work until the comment deadline has expired and any other necessary permits are issued. (Note: This modified MDNS is responsive to comments received during the established comment period. No additional comment period is provided.)

There is no administrative appeal opportunity for this determination. Appeals must be filed in accordance with WAC 197-11-680.

The issuance of this **modified** MDNS does not constitute final project approval. The City must comply with all other applicable requirements, including those of other agencies with jurisdiction, prior to undertaking the project.

Date 06-01-16 Signature   
Deborah Johnson, SEPA Responsible Official

Mailed: June 1, 2016

to: Applicant (David Vorse) & Castle Rock Police Department  
Washington State Department of Ecology  
SEPA Register [separegister@ecy.wa.gov](mailto:separegister@ecy.wa.gov)  
Federal Permit Unit [ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov)  
Washington State Department of Fish & Wildlife  
Steve West, Region 5 Habitat Program [steve.west@dfw.wa.gov](mailto:steve.west@dfw.wa.gov)  
SEPA Desk [SEPAdesk@dfw.wa.gov](mailto:SEPAdesk@dfw.wa.gov)  
Washington State Department of Natural Resources  
Rivers District [aquaticleasing.rivers@dnr.wa.gov](mailto:aquaticleasing.rivers@dnr.wa.gov)  
Washington State Department of Health [Kelly.cooper@doh.wa.gov](mailto:Kelly.cooper@doh.wa.gov)  
Washington State Department of Archeology & Historic Preservation  
Gretchen Kaehler [gretchen.kaehler@dahp.wa.gov](mailto:gretchen.kaehler@dahp.wa.gov)  
Cowlitz Tribe, ~~Natural~~ Cultural Resources Department, PO Box 2547, Longview 98632  
James Gordon [jgordon@cowlitz.org](mailto:jgordon@cowlitz.org)  
dAVE burlingame [culture@cowlitz.org](mailto:culture@cowlitz.org)  
U.S. Army Corps of Engineers, Seattle District Regulatory Branch, PO Box 3755, Seattle, WA 98124-3755

**ADDED REFERENCE (Mitigation Measure #8):**



**COWLITZ INDIAN TRIBE**  
Cultural Resources Department  
P.O. Box 2547 • 1055 9<sup>th</sup> Ave. Suite C • Longview, WA 98632  
360.577.6962 • 577.6207 (f) • cowlitz.org



**INADVERTENT DISCOVERY LANGUAGE**  
[revised 130708]

**I**n the event any archaeological or historic materials are encountered during project activity, work in the immediate area (initially allowing for a 100' buffer; this number may vary by circumstance) must stop and the following actions taken:

1. Implement reasonable measures to protect the discovery site, including any appropriate stabilization or covering; and
2. Take reasonable steps to ensure the confidentiality of the discovery site; and,
3. Take reasonable steps to restrict access to the site of discovery.

The project proponent will notify the concerned Tribes and all appropriate county, state, and federal agencies, including the Department of Archaeology and Historic Preservation (SHPO in Oregon). The agencies and Tribe(s) will discuss possible measures to remove or avoid cultural material, and will reach an agreement with the project proponent regarding actions to be taken and disposition of material.

If human remains are uncovered, appropriate law enforcement agencies shall be notified first, and the above steps followed. If the remains are determined to be Native, consultation with the affected Tribes will take place in order to mitigate the final disposition of said remains.

See the Revised Code of Washington, Chapter 27.53, "Archaeological Sites and Resources," for applicable state laws and statutes. See also Washington State Executive Order 05-05, "Archaeological and Cultural Resources." Additional state and federal law(s) may also apply.

**It is strongly encouraged copies of this plan are retained on-site while project activity is underway.**

Contact information:

dAVe burlingame  
Director, Cultural Resources  
360.577.6962  
508.1677 cell  
577.6207 fax  
culture@cowlitz.org

## **SEPA ENVIRONMENTAL CHECKLIST**

*UPDATED 2014*

### **A. BACKGROUND**

1. Name of proposed project, if applicable:

**Al Helenberg Memorial Boat Launch Sediment Removal Project**

2. Name of applicant:

**City of Castle Rock**

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

**P.O. Box 370  
Castle Rock, Washington 98611  
360.274.7478  
David Vorse**

4. Date checklist prepared:

**May 5, 2016**

5. Agency requesting checklist:

**City of Castle Rock**

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

**Removal of dry sediment at boat launch between May 31 and June 13, 2016**

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

**The City is working on a plan to direct programmed periodic maintenance at the boat launch in order to retain the public investment and enable people to use the facilities safely. Any future work will undergo additional review and permitting as appropriate.**

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

**Abbreviated environmental assessment (2008) and SEPA checklist (2015 – DNS withdrawn)**

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.

**JARPA has been submitted for this project to enable the project to be completed in a timely manner.**

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

- a) **Army Corps of Engineers Section 10 Permit Project Authorization**
- b) **Hydraulic Project Approval**
- c) **Section 401 Water Quality Certification**
- d) **Aquatic Use Authorization**
- e) **Shoreline exemption**

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.)

**In order to restore the boat launch to a fully functional, safe state, the project will (1) remove approximately 150 cubic yards of sediment (silt, sand, and other debris) that was deposited from the December 2015 storm event; and (2) allow the applicant to reinstall the end float on the upstream float system that was removed during the storm event. Only dry sediment will be removed from the ramp and under the floats. The work will be done from the land side by equipment that may include vacuum suction truck, backhoe, skid-steer and dump truck; manual labor; or a combination of approaches. No in-water work will occur.**

**The floats will either be stabilized and the sediment dug out from underneath them by means of equipment or by manual labor, or the floats will be removed while the material is being excavated and then replaced for safe usage. The approach will be decided upon at the time in consideration of conditions as the work begins.**

**No sediment will be put back into the river. A silt curtain will be used to make certain the sediment does not reenter the river as it is being removed. The sediment will be placed on the adjacent uplands where it cannot enter the river again.**

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

**The proposed project is located at the Al Helenberg Memorial Boat Launch Park on the west bank of the Cowlitz River in Cowlitz County, Washington, within the Castle Rock**



**corporate limits; Section 10, Township 9N, Range 2W; Assessor's tax parcel #308770100. The street address is 5100 Westside Highway.**

## **B. ENVIRONMENTAL ELEMENTS**

### **1. Earth**

a. General description of the site

(circle one): Flat, rolling, hilly, steep slopes, mountainous,  
other **the uplands consist of a flat river bench with a steep short river bank to the Cowlitz River**

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

**The slope between the uplands and the Cowlitz River is currently at 20+ percent.**

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

**The existing soils are sandy (volcanic ash) with traces of silt. The site was developed from dredge spoils deposited by the US Army Corps of Engineers after the eruption of Mount Saint Helens in 1980. The material to be removed is silt from the Cowlitz River, which is composed primarily of volcanic ash in this deposition zone.**

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

**No. The soils are comprised of volcanic ash rated by the Natural Resources Conservation Service (NRCS) for water erosion as "slight" or "none." While the shoreline is eroding naturally, there are no gullies or washouts on-site.**

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.

**The project will (1) remove approximately 150 cubic yards of sediment (silt, sand, and other debris) that was deposited from the December 2015 storm event; and (2) allow the applicant to reinstall the end float on the upstream float system that was removed during the storm event.**

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

**No significant erosion is expected is expected as a result of this project. Material will be removed in a manner that assures it will not reenter the river. No upland erosion is expected due to the flat topography and the highly porous ash base material.**

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

**The proposed project does not result in any additional impervious surfaces than currently exist.**

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:  
Ground disturbing activities will be restricted to the dry summer months as much as possible.

**None proposed. The material removed will be deposited on the upland area that slopes away from the Cowlitz River.**

## **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.

**The project is expected to emit minimal quantities of dust and exhaust emissions from construction equipment including a vacuum truck, backhoe, and dump truck. The site is bordered by open space on all sides and not confined or in a sensitive urban area; therefore, any increases in dust and emissions are not expected to be a nuisance.**

- 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: [help]

**None proposed.**

## **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 Cowlitz River borders the site on its east edge; no other water bodies are on-site.**

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

**Yes, the project to remove dry sediment will take place within 200 feet of the Cowlitz River. It is expected that removal will include dry sediments below the Ordinary High Water Mark and in the floodway.**

- 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.

**The amount of sediment to be removed is estimated at 150 cubic yards of fine material deposited by the Cowlitz River. The material would be relocated to the upland area approximately 300 feet away.**

- 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.

**Yes.**

- 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.**

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.

**This proposed project is a maintenance dry sediment removal project and does not have a construction component. Sediment removed from the area of the boat launch will be relocated to an upland area that drains in the opposite direction than the Cowlitz River. Stormwater runoff will not be collected nor disposed. Stormwater will flow as it currently is allowed to.**

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:

**None.**

#### 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: **community garden**
- 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?

**Some bank foliage may be disturbed during dry sediment removal. It consists primarily of new cottonwood starts that are quite close to the constructed facilities and would likely need to be removed anyway before reaching maturity, otherwise they would impact the usability of the facility.**

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

**Kincaid's lupine is known to be present in Cowlitz County; however, the proposed project will have no effect on Kincaid's lupine as suitable habitat is not present in the project area.**

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

**None.**

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

**Scotch broom and Himalayan blackberry.**

**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. Examples include:

birds: **hawk, heron, eagle, songbirds**, other:  
mammals: **deer**, bear, elk, beaver, other:  
fish: bass, **salmon, trout**, herring, shellfish, other \_\_\_\_\_

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

**Lower Columbia River chinook salmon  
Lower Columbia River coho salmon  
Lower Columbia River steelhead  
Columbia River chum salmon  
Eulachon  
Columbia River bull trout  
Marbled murrelet  
Streaked horned lark  
Yellow-billed cuckoo**

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

**This section of the Cowlitz River is a river migration route for bald eagles. The Cowlitz River salmonid species listed above migrate to the ocean and back to their natal waters through this river corridor. Cowlitz County as a whole lies within the Pacific Flyway.**

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

**The work is not in water so is unlikely to impact wildlife; however, Best Management Practices (BMPs) will be observed during the dry sediment removal, including: 1) equipment will be inspected to assure that no leakage is occurring, 2) spill prevention kits will be on-hand, and 3) all conditions in the Hydraulic Project Approval will be followed. A silt curtain will be placed to ensure that any leaks are contained.**

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

**Possibly 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.

**Not applicable.**

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

**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:

**None.**

**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.

**No environmental health hazards are expected to occur during removal of sediment associated with this proposed project. The project will remove sediment that impedes safe use of the boat launch.**

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

**No known contamination is present at the site from current or past uses.**

- 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.**

- 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.

**It is implicit with this project that petroleum products will be used with boat motors and the delivery of boats into and out of the water.**

4) Describe special emergency services that might be required.

**Police, fire and rescue, and/or river patrol (Cowlitz County) could respond to any emergency in the unlikely event their services would be required.**

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

**None.**

**b. Noise**

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

**None.**

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.

**Short-term: construction associated noise from sediment/debris removal activities including heavy equipment and worker vehicles during daylight hours only.**

3) Proposed measures to reduce or control noise impacts, if any:

**Construction activities will be limited to 7:00am to 7:00pm.**

**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.

**Current use is a boat launch and park. The proposed project will not affect current land uses on nearby or adjacent 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?

**The site has not previously been used as working farm or forest lands. No agricultural or forest land of long-term commercial significance will be converted. The tax status question is not applicable.**

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides,

tilling, and harvesting? If so, how:

**No.**

c. Describe any structures on the site.

**The park has a restroom and picnic shelter located on the uplands and a floating transient dock is located at the end of the boat ramp.**

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

**No.**

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

**The property is zoned Parks, Recreation and Open Space.**

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

**The property's current comprehensive plan designation is also Parks, Recreation and Open Space.**

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

**The City of Castle Rock adopted by ordinance the Cowlitz County Shoreline Master Program (1977) and associated Shoreline Designation Map. According to the map, the area of the boat launch is designated as Rural.**

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

**The river is designated critical habitat for Chinook and steelhead by the National Marine Fisheries Service.**

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

**No one will reside in the completed project. The only workers will be 1-2 maintenance personnel, once per week. There is an on-site caretaker who lives on the upland area of the park, between the boat ramp and the community garden.**

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

**None.**

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

**None needed.**



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

**The proposed measures to remove accumulated sediment from the transient float are compatible with the existing and projected land uses and plans.**

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

**The proposed project will not affect nearby agricultural and forest lands.**

#### 9. Housing

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

**None.**

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

**None.**

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

**None needed.**

#### 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?

**There are no proposed structures to be constructed as part of this SEPA application.**

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

**None.**

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

**None needed.**

**11. Light and glare**

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

**The proposed project does not produce 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: [help]

**None needed.**

**12. Recreation**

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

**Recreational use includes boat launch/retrieval, walking, running, bicycling, and gardening on the property. In the immediate vicinity, additional recreational activities include boating, fishing, and sports associated with the athletic fields at the North County Sports Complex.**

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

**No.**

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

**The proposed project will enhance recreational opportunities by allowing people that launch and retrieve boats a place to tie up during launching and retrieval operations. By not performing such maintenance, significant damage to the boat launch facilities is likely occur over time, this negating the public investment.**

### 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.

**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.

**None. As a component of permitting the original boat launch project, the City hired an archaeological consultant to perform a cultural resources survey of the property. The report (dated July 30, 2007) concluded that the presence of dredged fill materials extending to depths of 12 feet across the project site makes the likelihood of encountering a potential, significant cultural resource within the project area, limited.**

- 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.

**See cultural resources survey (July 30, 2007). Survey included consultations with tribes and the Department of Archaeology and Historic Preservation (DAHP).**

- 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.

**None proposed at this time.**

### 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 site is accessed from the Westside Highway. The site has an access road to Westside Highway that it shares with the ballfield complex.**

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

**The project area is not served by public transit. Greyhound bus services the City of Castle Rock across the Cowlitz River from the site.**

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

**The existing 2.5-acre parking lot provides 60 boat trailer spaces, 26 automobile parking spaces, and 4 disabled parking spaces (ADA) for users of the site. No public parking opportunities would be eliminated as a result of the proposed project.**

- 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 facilitate existing and projected vessel use on the Cowlitz River in the immediate vicinity of the boat ramp as well as up and down river.**

- 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?

**The proposed project will not generate any additional vehicular trips than were planned with the original designed boat ramp. The originally designed boat ramp would accommodate up to 25 launches per hour at peak times, which are anticipated to be weekends and holidays in the spring through fall seasons. The maximum planned vehicular trips per day was estimated at 250.**

- 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.**

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

**None. The original project design included sufficient parking and loading zones so that no backups onto SR411 would occur during times of peak boat ramp use.**

#### **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.

**The proposed project would not result in an increased need for public services.**

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

**None for the proposed project.**

**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 as a result of the proposed project.**

**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 Signator:

David Vorse

Position and Agency/Organization:

Public Works Director, City of Castle Rock

Date Submitted:

May 5, 2016