



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2} [\[help\]](#)

USE BLACK OR BLUE INK TO ENTER ANSWERS IN THE WHITE SPACES BELOW.



US Army Corps
of Engineers®
Seattle District

AGENCY USE ONLY

Date received:

Agency reference #: _____

Tax Parcel #(s): _____

Part 1–Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [\[help\]](#)

City of Castle Rock – Al Helenberg Memorial Boat Launch Maintenance Dredging

Part 2–Applicant

The person and/or organization responsible for the project. [\[help\]](#)

2a. Name (Last, First, Middle)

Vorse, David (after Dec. 31, 2025: Stone, Tyler)

2b. Organization (If applicable)

City of Castle Rock

2c. Mailing Address (Street or PO Box)

P.O. Box 370

2d. City, State, Zip

Castle Rock, WA 98611

2e. Phone (1)

2f. Phone (2)

2g. Fax

2h. E-mail

(360) 274-7478

crpwd@ci.castle-rock.wa.us

¹Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

²To access an online JARPA form with [\[help\]](#) screens, go to <https://www.oria.wa.gov/jarpa-forms>.

For other help, contact the Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.

Part 3—Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b of this application.) [\[help\]](#)

3a. Name (Last, First, Middle)			
Simpson, Lynn			
3b. Organization (If applicable)			
Ecological Land Services, Inc.			
3c. Mailing Address (Street or PO Box)			
1157 3 rd Avenue, Suite 220A			
3d. City, State, Zip			
Longview, Washington 98632			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
(360) 578-1371			lynn@eco-land.com

Part 4—Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [\[help\]](#)

- ☒ Same as applicant. (Skip to Part 5.)
- ☐ Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- ☒ There are multiple upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- ☒ Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

4a. Name (Last, First, Middle)			
Vorse, David (after Dec. 31, 2025: Green, Tyler)			
4b. Organization (If applicable)			
City of Castle Rock			
4c. Mailing Address (Street or PO Box)			
P.O. Box 370			
4d. City, State, Zip			
Castle Rock, WA, 98611			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail
(360) 274-7478			crpwd@ci.castle-rock.wa.us

Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [\[help\]](#)

- ☐ There are multiple project locations (e.g. linear projects). Complete the section below and use [JARPA Attachment B](#) for each additional project location.

5a. Indicate the type of ownership of the property. (Check all that apply.) [help]			
☐ Private			
☐ Federal			
☒ Publicly owned (state, county, city, special districts like schools, ports, etc.)			
☐ Tribal			
☒ Department of Natural Resources (DNR)			
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]			
Accessed by a driveway at 5040 Westside Highway, site address is 240 North County Drive, Castle Rock, WA			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Castle Rock, Washington 98611			
5d. County [help]			
Cowlitz County			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
	10	9N	2W, Willamette Meridian
5f. Provide the latitude and longitude of the project location. [help]			
Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83)			
46.2784° lat. / -122.9125° long.			
5g. List the tax parcel number(s) for the project location. [help]			
The local county assessor's office can provide this information.			
308770100 (City) and 308820100 (school). Mitigation sites: WJ1502001 (City), 309340100 (Mt. St. Helens Motorcycle Club).			
5h. Contact information for all adjoining property owners. (If you need more space, use JARPA Attachment C.) [help]			
Name	Mailing Address	Tax Parcel # (if known)	
Castle Rock School District	600 Huntington Ave. South	308820100, 308810100, 308800100, 308790100.	
	Castle Rock, WA 98611-3009		
HUGHES DANIEL/SHELLEY J	124 N COUNTY DR	308970100	
	Castle Rock, WA 98611-3009		
MOORE RICHARD G/JOAN M	P.O. Box 131	309110101	
	Castle Rock, WA 98611-3009		
EDGELL JEFFERY D/TRACY L	P.O. Box 1088	309200100	
	Castle Rock, WA 98611-3009		

SHULKE SCOTT L/STEPHANIE A TRUST	444 STEWART CREEK RD	309210100
	Longview, WA 98611-3009	
CAULFIELD ALAN M ETAL	536 BOND RD	309220100
	Castle Rock, WA 98611-3009	

5i. List all wetlands on or adjacent to the project location. [\[help\]](#)

None.

5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [\[help\]](#)

Cowlitz River (Type S)

5k. Is any part of the project area within a 100-year floodplain? [\[help\]](#)

☒ Yes ☐ No ☐ Don't know

5l. Briefly describe the vegetation and habitat conditions on the property. [\[help\]](#)

The boat launch is mostly paved with some mowed and landscaped areas. There is sparse, weedy, herbaceous vegetation where the dredged material will be placed. The immediate vicinity has no upland areas with natural habitat.

5m. Describe how the property is currently used. [\[help\]](#)

This property is fully developed as a boat launch facility. The school property is used as open space for material stockpiles.

5n. Describe how the adjacent properties are currently used. [\[help\]](#)

School property to the north and west is used for sports fields and supporting structures. Single family residences are to the west and south.

5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [\[help\]](#)

The site currently consists of a parking lot, boat launch, floating docks, various outbuildings, and walking trails, all in good working condition. Material placement areas have no structures.

5p. Provide driving directions from the closest highway to the project location, and attach a map. [\[help\]](#)

From Interstate 5, take exit 49 west toward downtown Castle Rock. Turn right onto A Street SW and continue onto the bridge over the Cowlitz River. Turn right onto State Route 411/Westside Highway. The boat launch is accessed by a driveway on the right at 5040 Westside Highway, and the site address is 240 North County Drive.

Part 6–Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [\[help\]](#)

The City proposes to remove a total of approximately 500 cubic yards per year of accumulated sediment in up to six events each year from two areas: 1) above the waterline on the boat ramp and floating docks with river water pumped through a spray nozzle, with heavy equipment, or with hand tools, and 2) below the waterline within the dredging prism by hydraulic dredging.

Dewatering associated with hydraulic dredging will occur in a temporary structure and filtered water will drain back to the river through a hose. Heavy equipment will transfer sediment into trucks that will haul the material to City property that is already used for stockpiles, and the material will be used for City landscaping.

6b. Describe the purpose of the project and why you want or need to perform it. [\[help\]](#)

The structures are located on the west bank of the Cowlitz River, approximately 2.5 miles downstream of the confluence of the Toutle River and the Cowlitz River. During some high water/high flow events, the launch, dock, and log boom accumulate significant amounts of sediment and woody debris. The sediment and debris must be removed to prevent structural damage and maintain water depth at the ramp and dock and to allow its continued use for recreation and emergency services. To maintain this boat launch, permits for maintenance dredging need to be updated.

6c. Indicate the project category. (Check all that apply) [\[help\]](#)

- ☐ Commercial ☐ Residential ☒ Institutional ☐ Transportation ☒ Recreational
☒ Maintenance ☐ Environmental Enhancement

6d. Indicate the major elements of your project. (Check all that apply) [\[help\]](#)

- | | | | |
|---|---|--|--|
| ☐ Aquaculture | ☐ Culvert | ☐ Float | ☐ Retaining Wall (upland) |
| ☐ Bank Stabilization | ☐ Dam / Weir | ☐ Floating Home | ☐ Road |
| ☐ Boat House | ☐ Dike / Levee / Jetty | ☐ Geotechnical Survey | ☐ Scientific Measurement Device |
| ☐ Boat Launch | ☐ Ditch | ☐ Land Clearing | ☐ Stairs |
| ☐ Boat Lift | ☐ Dock / Pier | ☐ Marina / Moorage | ☐ Stormwater facility |
| ☐ Bridge | ☒ Dredging | ☐ Mining | ☐ Swimming Pool |
| ☐ Bulkhead | ☐ Fence | ☐ Outfall Structure | ☐ Utility Line |
| ☐ Buoy | ☐ Ferry Terminal | ☐ Piling/Dolphin | |
| ☐ Channel Modification | ☐ Fishway | ☐ Raft | |

☐ Other:

6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [\[help\]](#)

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year floodplain.

Proposed Sediment Removal

For the new 10-year permit, the City proposes to remove a total of approximately 500 cubic yards per year of accumulated sediment in up to six events each year from two areas: above the waterline on the boat ramp and floating dock and from hydraulic dredging below the waterline. For the 10-year permit, this will be an estimated total of approximately 5,000 cubic yards in 10 years). The term “dredging” in this report will refer to removing sediment below the waterline.

Above the Waterline

Sediment above the water line deposited on the ramp and dock will be allowed to dewater in-place and then will be removed with a skid steer, excavator, or hand tools. The material will be placed in the adjacent uplands within the park. This sediment removal typically occurs during the fall, winter, and occasionally in the spring, and will takes 1 to 5 days.

During periods of high water and associated high turbidity, the City proposes to flush accumulated sediment from the ramp and floating docks back into the river using a pump with a hose and a spray nozzle. Sediment deposited in these areas typically occurs during the fall, winter, and early spring.

Below the Waterline

The proposed dredging prism is approximately 0.68 acres (about 29,600 square feet). This volume and area are larger than the original dredging prism that was proposed before the boat-launch facility was constructed because sediment accumulation has occurred over a larger dredging prism than was anticipated. A larger prism is necessary to maintain usable depths for boaters and to remove enough sediment so less frequent dredging is required. Also, the time that most of the sediment is deposited in the dredging prism is during the late fall and winter months during high river flows. Unfortunately for the City and boaters, dredging has to wait until the in-water work window in August to remove accumulated sediment.

Dredging below the water line will be performed during the in-water work window of August 1 through August 31. The deepest proposed dredging elevation is 23 feet NAD83. Existing riverbed contours were obtained from the Corps bathymetric survey in April 2025; however, there were no survey points near the dredging prism. Therefore, the 2016 survey of the dredging prism has been used for the cross sections.

The time to offload and dewater the material and load trucks will be about 4 to 5 days, and the volume of sediment removed will be reported based on the number of truckloads taken to upland disposal areas and not based on a subsequent survey.

Hydraulic dredging may be performed with divers, a vacuum truck, or from a barge; any method will use a pump and hose with a fish screen. During dredging, material will be pumped into a dewatering facility constructed with Ecology blocks and a liner. Dredged material will be passively dewatered by allowing the sediment to settle, and then the water will pass through geotextile fabric or hay bales before draining back into the Cowlitz River through a hose. Consistent with the authorized dredging for other projects, visual water-quality monitoring for turbidity will be conducted.

The estimated volume of material to be removed initially is approximately 500 cubic yards. During a site visit on June 2, 2025, it was noted that a significant sediment build-up has occurred between the dock and the shoreline, as shown on the photoplate. It compares a photograph taken in June 2020 with photographs taken on June 2, 2025.

Upland Material Placement

After material is dewatered, an excavator will move the material onto dump trucks and place it on areas nearby. There are no wetland or riparian buffers in these proposed placement areas. After the material has been dewatered, trucks will haul it to the placement areas and used in landscaped areas around the park. Native seed

mixes do not grow in this sandy material; it does not erode and is not a source of blowing dust, so no seeding is necessary after material placement.

Debris Removal

The City proposes to relocate large woody material from the log boom, ramps, or docks to the river or remove it using mechanical methods with equipment listed above. Small debris will be swept off, or it will be washed off with river water using a pump, hose, and spray nozzle. Any artificial debris will be properly disposed as solid waste. Large material will be removed using chains and an excavator located above the water.

Secondary Project Features

Interdependent Activities

Interdependent activities are part of a larger action, have no independent purpose, and would only occur if the project occurs. The dewatering structure and moving dredged material to upland areas of the property are interdependent activities.

Interrelated Activities

Interrelated activities are a part of a larger action; however, they could be performed separately from the larger action. The City proposes to enhance the riparian buffer in areas of lower Whittle Creek that currently has only herbaceous vegetation, which is an interrelated activity. The in-water dredging prism is 0.68 acres, and the enhancement areas are a total of 0.69 acres). The mitigation plan is in Appendix B.

6f. What are the anticipated start and end dates for project construction? (Month/Year) [\[help\]](#)

- If the project will be constructed in phases or stages, use [JARPA Attachment D](#) to list the start and end dates of each phase or stage.

Start Date: Dec. 1, 2025 End Date: Dec. 31, 2035 ☐ See JARPA Attachment D

6g. Fair market value of the project, including materials, labor, machine rentals, etc. [\[help\]](#)

Approximately \$4,000 per year.

6h. Will any portion of the project receive federal funding? [\[help\]](#)

- If **yes**, list each agency providing funds.

☐ Yes ☒ No ☐ Don't know

Part 7–Wetlands: Impacts and Mitigation

- ☐ Check here if there are wetlands or wetland buffers on or adjacent to the project area.
(If there are none, skip to Part 8.) [\[help\]](#)

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [\[help\]](#)

☐ Not applicable

7b. Will the project impact wetlands? [\[help\]](#)

☐ Yes ☐ No ☐ Don't know

7c. Will the project impact wetland buffers? [\[help\]](#)

☐ Yes ☐ No ☐ Don't know

7d. Has a wetland delineation report been prepared? [\[help\]](#)

- If **Yes**, submit the report, including data sheets, with the JARPA package.

☐ Yes ☐ No

7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [\[help\]](#)

- If **Yes**, submit the wetland rating forms and figures with the JARPA package.

☐ Yes ☐ No ☐ Don't know

7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [\[help\]](#)

- If **Yes**, submit the plan with the JARPA package and answer 7g.
- If **No**, or **Not applicable**, explain below why a mitigation plan should not be required.

☐ Yes ☐ No ☐ Don't know

7g. Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [\[help\]](#)

7h. Use the table below to list the type and rating of each wetland impacted, the extent and duration of the impact, and the type and amount of mitigation proposed. Or if you are submitting a mitigation plan with a similar table, you can state (below) where we can find this information in the plan. [\[help\]](#)

Activity (fill, drain, excavate, flood, etc.)	Wetland Name ¹	Wetland type and rating category ²	Impact area (sq. ft. or Acres)	Duration of impact ³	Proposed mitigation type ⁴	Wetland mitigation area (sq. ft. or acres)

¹ If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.

² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

⁴ Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

Page number(s) for similar information in the mitigation plan, if available: _____

7i. For all filling activities identified in 7h, describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

7j. For all excavating activities identified in 7h, describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

Part 8—Waterbodies (other than wetlands): Impacts and Mitigation

In Part 8, "waterbodies" refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [\[help\]](#)

☒ Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

8a. Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment. [\[help\]](#)

☐ Not applicable

The project has been designed to avoid and minimize impacts to habitats and species that may potentially occur in the vicinity of the project area. The following measures will be observed:

Impact Avoidance and Minimization Measures

The project has been designed to avoid and minimize impacts to habitats and species that may potentially occur in the vicinity of the project. This will be accomplished by using the following measures:

1. Conditions in local, state, and federal permits will be followed.
2. Avoids exposing dredged material because the Dredged Material Management Program has determined this site does not require sediment testing due to its geographic location.
3. Avoids contamination from heavy equipment working in the water because equipment will have vegetable-based hydraulic fluid.
4. Avoids contamination from refueling because heavy equipment will be fueled at least 150 feet from any waterbody.
5. Avoids peak juvenile salmon outmigration; in-water work will occur within the approved work window of August 1 through August 31.
6. Avoids entraining fish because hoses used for hydraulic dredging will be fitted with a fish screen.
7. Minimizes suspended sediments - dewatering will occur in an upland structure to settle out and be filtered through geofabric and/or hay bales.
8. Minimizes suspended sediments by visually monitoring turbidity during sediment removal below the waterline because hydraulic dredging produces relatively little turbidity. The point of compliance will be 300 feet downstream of in-water dredging. If significant turbidity is observed, dredging will stop until a plume is no longer visible.

8b. Will your project impact a waterbody or the area around a waterbody? [\[help\]](#)

☒ Yes ☐ No

8c. Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies? [\[help\]](#)

- If Yes, submit the plan with the JARPA package and answer 8d.
- If No, or Not applicable, explain below why a mitigation plan should not be required.

☒ Yes ☐ No ☐ Don't know

See attached mitigation plan.

8d. Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.

- If you already completed 7g you do not need to restate your answer here. [\[help\]](#)

The City proposes to enhance the riparian buffer in two areas within lower Whittle Creek that currently has only herbaceous vegetation. The in-water dredging prism is 0.68 acres, and the enhancement areas are a total of 0.69 acres.

8e. Summarize impact(s) to each waterbody in the table below. [\[help\]](#)

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
--	-----------------------------	------------------------------	---------------------------------	--	---

Dredging	Cowlitz River	In-water	4-6 months	~500 cy per year	~29,620 square feet ~0.68 acres
¹ If no official name for the waterbody exists, create a unique name (such as "Stream 1") The name should be consistent with other documents provided. ² Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain. ³ Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.					
8f. For all activities identified in 8e, describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [help]					
No fill will be placed in the Cowlitz River.					
8g. For all excavating or dredging activities identified in 8e, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [help]					
Hydraulic dredging below the waterline. Material deposited on the ramp and dock will be washed off with a pump and hose spray using water from the river.					
8h. Have you prepared a Water Quality Monitoring Plan (WQMP) for all in-water work (below ordinary high water), over water work or discharges to waters of the state? ☐ Yes ☒ No If NO describe the monitoring that you will be conducting including parameters, equipment and locations, or explain why monitoring will not be necessary. [help]					
Visual monitoring will determine if a plume is created, and if one is seen, sediment removal will stop until there is no noticeable plume.					

Part 9—Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

9a. If you have already worked with any government agencies on this project, list them below. [help]			
Agency Name	Contact Name	Phone	Most Recent Date of Contact
9b. Are any of the wetlands or waterbodies identified in Part 7 or Part 8 of this JARPA on the Washington Department of Ecology's 303(d) List? [help] - If Yes, list the parameter(s) below. - If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d. ☐ Yes ☒ No			
9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [help] Go to http://cfpub.epa.gov/surf/locate/index.cfm to help identify the HUC.			
170800050904 Whittle Creek-Cowlitz River			

9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help] Go to https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up to find the WRIA #.
WRIA 26 (Cowlitz)
9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help] Go to https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria for the standards.
☒ Yes ☐ No ☐ Not applicable
9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help] - If you don't know, contact the local planning department. - For more information, go to: https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases.
☐ Urban ☐ Natural ☒ Aquatic ☐ Conservancy ☒ Other: <u>Recreation</u>
9g. What is the Washington Department of Natural Resources Water Type? [help] Go to http://www.dnr.wa.gov/forest-practices-water-typing for the Forest Practices Water Typing System.
☒ Shoreline ☐ Fish ☐ Non-Fish Perennial ☐ Non-Fish Seasonal
9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help] If No, provide the name of the manual your project is designed to meet.
☐ Yes ☐ No <i>Not applicable to this project.</i>
Name of manual: _____
9i. Does the project site have known contaminated sediment? [help] If Yes, please describe below.
☐ Yes ☒ No
9j. If you know what the property was used for in the past, describe below. [help]
In the general vicinity has been used for dredged material disposal from the emergency clean-up efforts after the 1980 Mount St. Helens eruption.
9k. Is the project located in or adjacent to a designated state or federal contaminated site or clean-up site. (e.g. MTCA or CERCLA)? If Yes, provide any additional details below.
☐ Yes ☒ No
9l. Has a cultural resource (archaeological) survey been performed on the project area? [help] If Yes, attach it to your JARPA package.
☒ Yes ☐ No

9m. Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. [\[help\]](#)

Species, ESU, or DPS	State Status	Federal Status	Critical Habitat in Action Area?
Chinook Salmon (<i>Onchorhynchus tshawytscha</i>) Lower Columbia River Chinook ESU	Candidate	Threatened	Designated
Chum Salmon (<i>Onchorhynchus keta</i>) Columbia River Chum Salmon ESU	Candidate	Threatened	Designated
Coho Salmon (<i>Onchorhynchus kisutch</i>) Lower Columbia River Coho Salmon ESU	Candidate	Threatened	Designated
Steelhead (<i>Onchorhynchus mykiss</i>) Lower Columbia River Steelhead DPS	Candidate	Threatened	Designated
Eulachon (Columbia River Smelt – <i>Thaleichthys pacificus</i>) -- Southern DPS	---	Threatened	Designated
Monarch Butterfly (<i>Danaus plexippus</i>)	---	Proposed Threatened	No
Suckley's Cuckoo Bumble Bee (<i>Bombus suckleyi</i>)	---	Proposed Endangered	None Proposed
River Lamprey (<i>Lampetra fluviatilis</i>)	Candidate	Proposed Threatened	None Proposed
Coastal Resident/Searun Cutthroat Trout (<i>Oncorhynchus clarkii clarkii</i>)	Candidate	Proposed Threatened	None Proposed
Instream Habitat	Priority Habitat	---	---
Riparian Habitat	Priority Habitat	---	---

9n. Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [\[help\]](#)

See table above.

Part 10–SEPA Compliance and Permits

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at <http://apps.oria.wa.gov/opas/>.
- Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [\[help\]](#)

- For more information about SEPA, go to <https://ecology.wa.gov/regulations-permits/SEPA-environmental-review>.

☐ A copy of the SEPA determination or letter of exemption is included with this application.

☒ A SEPA determination is pending with City of Castle Rock (lead agency). The expected decision date is July 2025.

☐ I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [\[help\]](#)

☐ This project is exempt (choose type of exemption below).

☐ Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt?

☐ Other: _____

☐ SEPA is pre-empted by federal law.

10b. Indicate the permits you are applying for. (Check all that apply.) [\[help\]](#)

LOCAL GOVERNMENT

Local Government Shoreline permits:

☒ Substantial Development ☐ Conditional Use ☐ Variance

☐ Shoreline Exemption Type (explain): _____

Other City/County permits:

☒ Floodplain Development Permit ☐ Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

☒ Hydraulic Project Approval (HPA) ☐ Fish Habitat Enhancement Exemption – [Attach Exemption Form](#)

Washington Department of Natural Resources:

☒ Aquatic Use Authorization ***There is an existing lease with WDNR.***

Complete [JARPA Attachment E](#) and submit a check for \$25 payable to the Washington Department of Natural Resources.

Do not send cash.

Washington Department of Ecology:

☒ Section 401 Water Quality Certification

☐ Authorization to impact waters of the state, including wetlands (Check this box if the proposed impacts are to waters not subject to the federal Clean Water Act).

FEDERAL AND TRIBAL GOVERNMENT

United States Department of the Army (U.S. Army Corps of Engineers):

☒ Section 404 (discharges into waters of the U.S.) ☒ Section 10 (work in navigable waters)

United States Coast Guard:

For projects or bridges over waters of the United States, contact the U.S. Coast Guard at:

☐ Bridge Permit: D13-SMB-D13-BRIDGES@uscg.mil

☐ Private Aids to Navigation (or other non-bridge permits): D13-SMB-D13-PATON@uscg.mil

United States Environmental Protection Agency:

☐ Section 401 Water Quality Certification (discharges into waters of the U.S.) on tribal lands where tribes do not have treatment as a state (TAS)

Tribal Permits: (Check with the tribe to see if there are other tribal permits, e.g., Tribal Environmental Protection Act, Shoreline Permits, Hydraulic Project Permits, or other in addition to CWA Section 401 WQC)

☐ Section 401 Water Quality Certification (discharges into waters of the U.S.) where the tribe has treatment as a state (TAS).

Part 11—Authorizing Signatures

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [\[help\]](#)

11a. Applicant Signature (required) [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. DV (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. DV (initial)

David Vorse, Public Works Director
Applicant Printed Name

David Vorse
Applicant Signature

6/25/25
Date

11b. Authorized Agent Signature [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Lynn Simpson
Authorized Agent Printed Name

Lynn Simpson
Authorized Agent Signature

06-11-2025
Date

11c. Property Owner Signature (if not applicant) [\[help\]](#)

Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

David Vorse, Public Works Director
Property Owner Printed Name

David Vorse
Property Owner Signature

6/25/25
Date

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-011 rev. 09/2018



WASHINGTON STATE
Joint Aquatic Resources Permit
Application (JARPA) [\[help\]](#)



US Army Corps
of Engineers
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: _____

Location Name (if applicable): _____

Attachment A:
For additional property owner(s) [\[help\]](#)

Use this attachment only if you have more than one property owner.
Complete one attachment for each additional property owner
impacted by the project.

Signatures of property owners are not needed for repair or maintenance activities on existing rights-of-way or easements.

Use black or blue ink to enter answers in white spaces below.

1. Name (Last, First, Middle) and Organization (if applicable)			
Fritsch, Chris, Castle Rock School District #401			
2. Mailing Address (Street or PO Box)			
600 Huntington Avenue South, Castle Rock, WA 98611			
3. City, State, Zip			
Castle Rock, WA, 98611			
4. Phone (1)	5. Phone (2)	6. Fax	7. E-mail
3605612940			cfritsch@crschools.org
Address or tax parcel number of property you own:			
308820100			
Signature of Property Owner			
I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.			
CHRIS FRITSCH			
Printed Name		Signature	

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-012 rev. 10/2016



WASHINGTON STATE
Joint Aquatic Resources Permit
Application (JARPA) [\[help\]](#)



US Army Corps
of Engineers
Seattle District

Attachment A:
For additional property owner(s) [\[help\]](#)

Use this attachment only if you have more than one property owner.
Complete one attachment for each additional property owner
impacted by the project.

Signatures of property owners are not needed for repair or maintenance activities on existing rights-of-way or easements.

Use black or blue ink to enter answers in white spaces below.

1. Name (Last, First, Middle) and Organization (if applicable)			
Eldon, Hunter, Mt. St. Helens Motorcycle Club			
2. Mailing Address (Street or PO Box)			
PO Box 555, Castle Rock, WA 98611			
3. City, State, Zip			
Castle Rock, WA, 98611			
4. Phone (1)	5. Phone (2)	6. Fax	7. E-mail
360-431-2632			info@mtsthelensmx.com
Address or tax parcel number of property you own:			
308820100			
Signature of Property Owner			
I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.			
Eldon Hunter			
Printed Name		Signature	

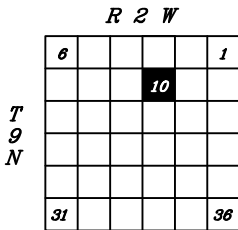
If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-012 rev. 10/2016

WASHINGTON



46.2784° Latitude
-122.9125° Longitude

LOCATION MAP

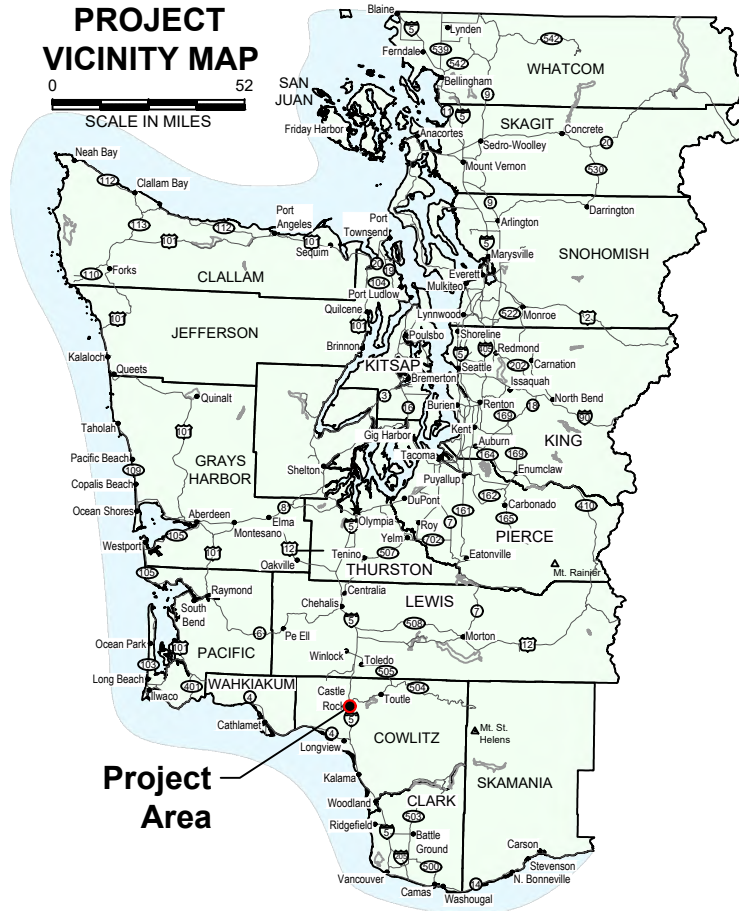


NOTE:

Quadrangle topographic map from USGS.

PROJECT VICINITY MAP

0 52
SCALE IN MILES



Project Area

PROPOSED: Maintenance Dredging

IN Cowlitz River
NEAR: Castle Rock
COUNTY: Cowlitz
STATE: WA
SHEET 1 OF 7
DATE: 6/4/25

VICINITY MAP

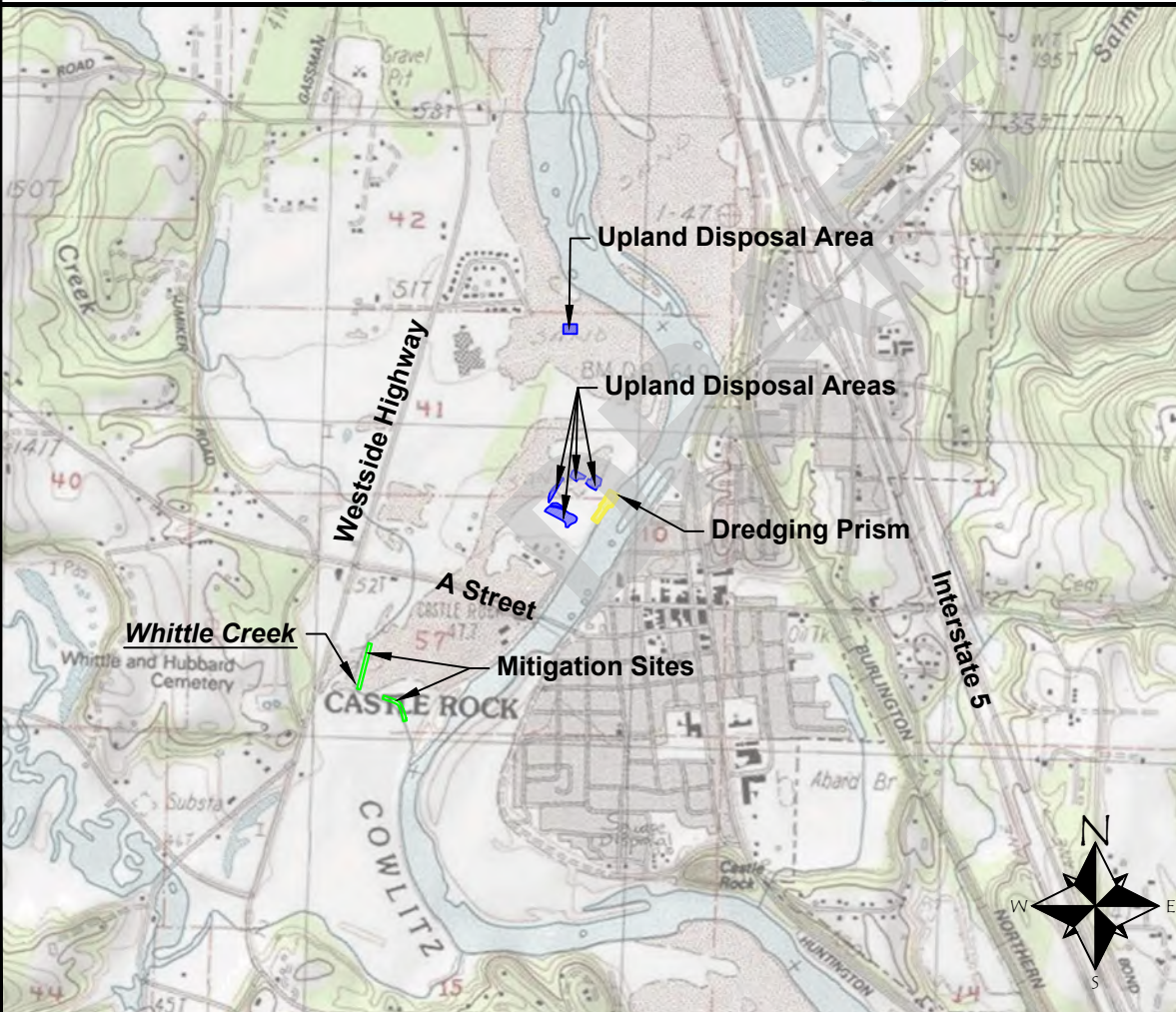
APPLICANT: City of Castle Rock
PROJECT NAME: Castle Rock Boat Launch Dredging
REFERENCE #: Not Yet Assigned.
SITE LOCATION ADDRESS:
RM 17.6 - Access Rd 5040 Westside Hwy

PURPOSE: Maintain Water Depth
at Boat Launch.

DATUM: NAD83
ADJACENT PROPERTY OWNERS:
See JARPA

1157 3rd Ave., Suite 220A
Longview, WA 98632
Phone: (360) 578-1371

4000
2000
0
SCALE IN FEET

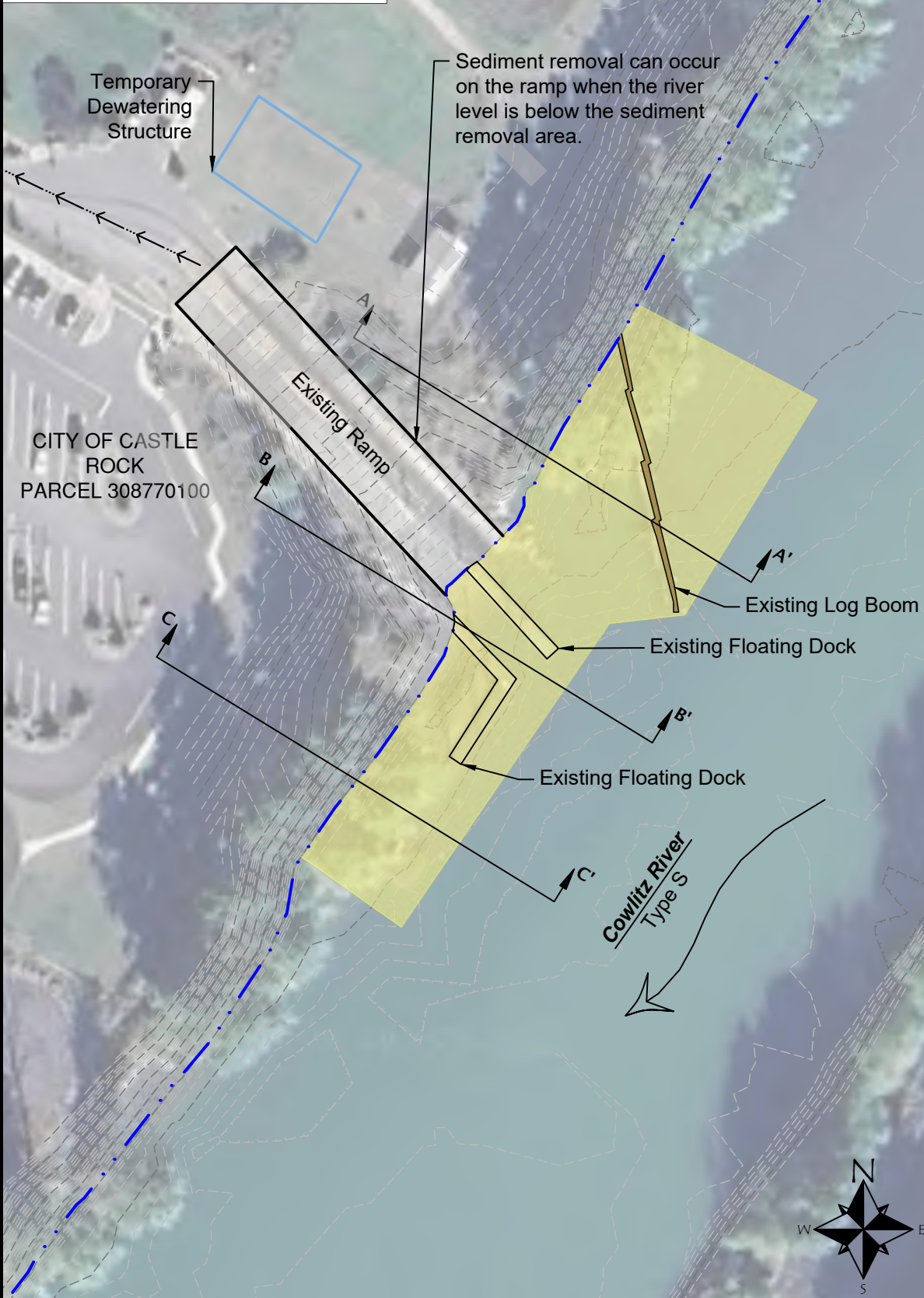


LEGEND:

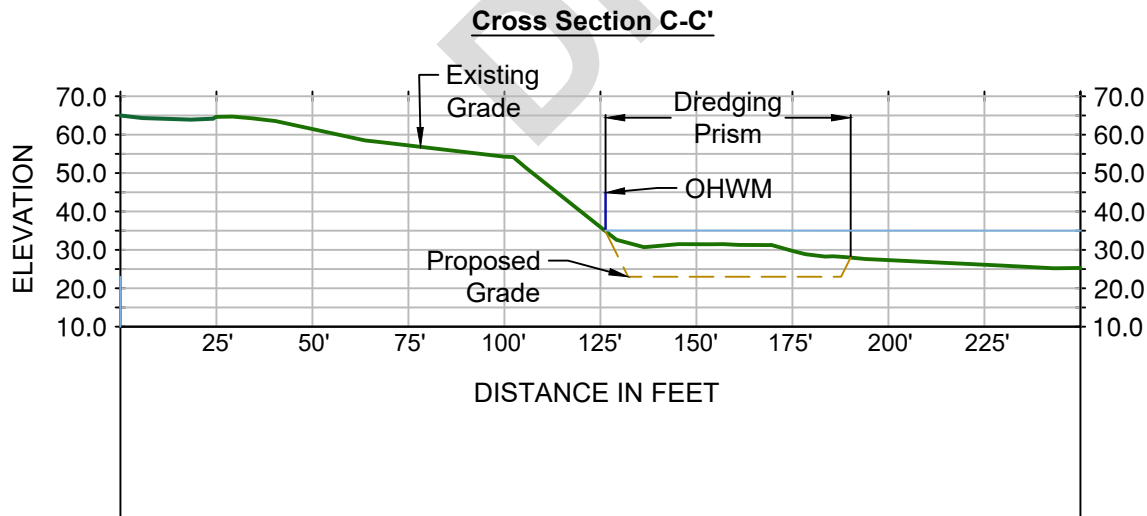
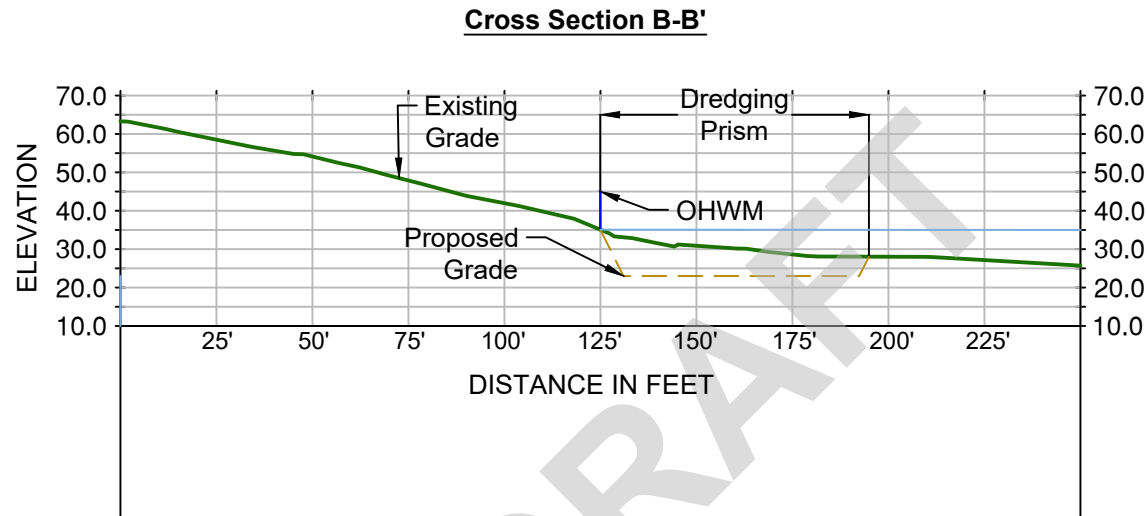
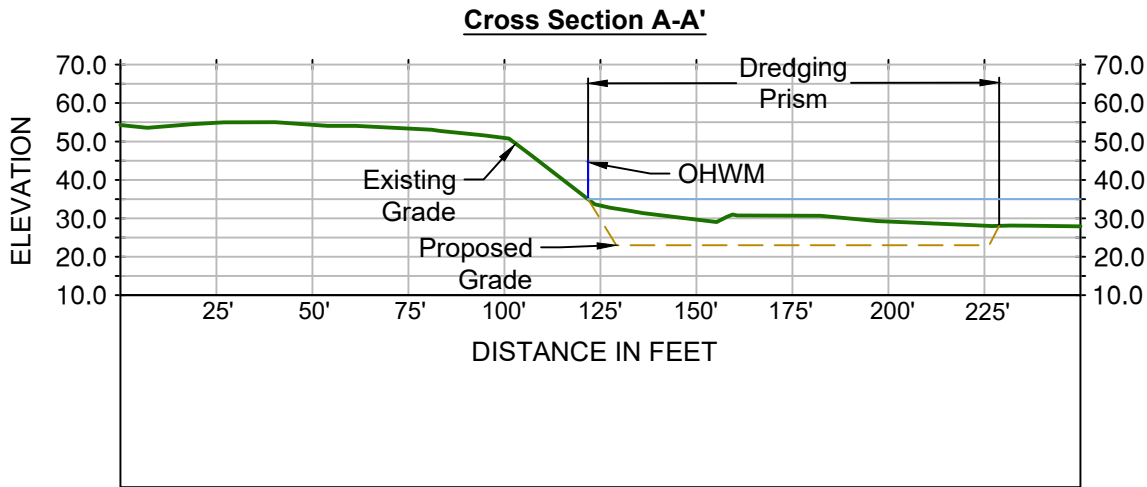
- OHWM
- Existing 1' Contours
-  Cross Section
- Existing Log Boom
- Dredging Area (0.68 ac.)

NOTE(S):

1. Aerial from Google Earth™ (10/4/2023).
2. Bathymetry from September 2016, Gibbs & Olson.



PROPOSED: Maintenance Dredging IN Cowlitz River NEAR: Castle Rock COUNTY: Cowlitz STATE: WA SHEET 2 OF 7 DATE: 6/4/25	DREDGING PRISM APPLICANT: City of Castle Rock PROJECT NAME: Castle Rock Boat Launch Dredging REFERENCE #: Not Yet Assigned. SITE LOCATION ADDRESS: RM 17.6 - Access Rd 5040 Westside Hwy	PURPOSE: Maintain Water Depth at Boat Launch. DATUM: NAD83 ADJACENT PROPERTY OWNERS: See JARPA	  SCALE IN FEET  1157 3rd Ave., Suite 220A Longview, WA 98632 Phone: (360) 578-1371
--	--	--	--



NOTE(S):

1. Green lines indicate existing grade from 2016 bathymetric survey.

PROPOSED: Maintenance Dredging
IN: Cowlitz River
NEAR: Castle Rock
COUNTY: Cowlitz
STATE: WA
SHEET: 3 OF 7
DATE: 6/4/25

CROSS SECTIONS
APPLICANT: City of Castle Rock
PROJECT NAME: Castle Rock Boat Launch Dredging
REFERENCE #: Not Yet Assigned.
SITE LOCATION ADDRESS:
 RM 17.6 - Access Rd 5040 Westside Hwy

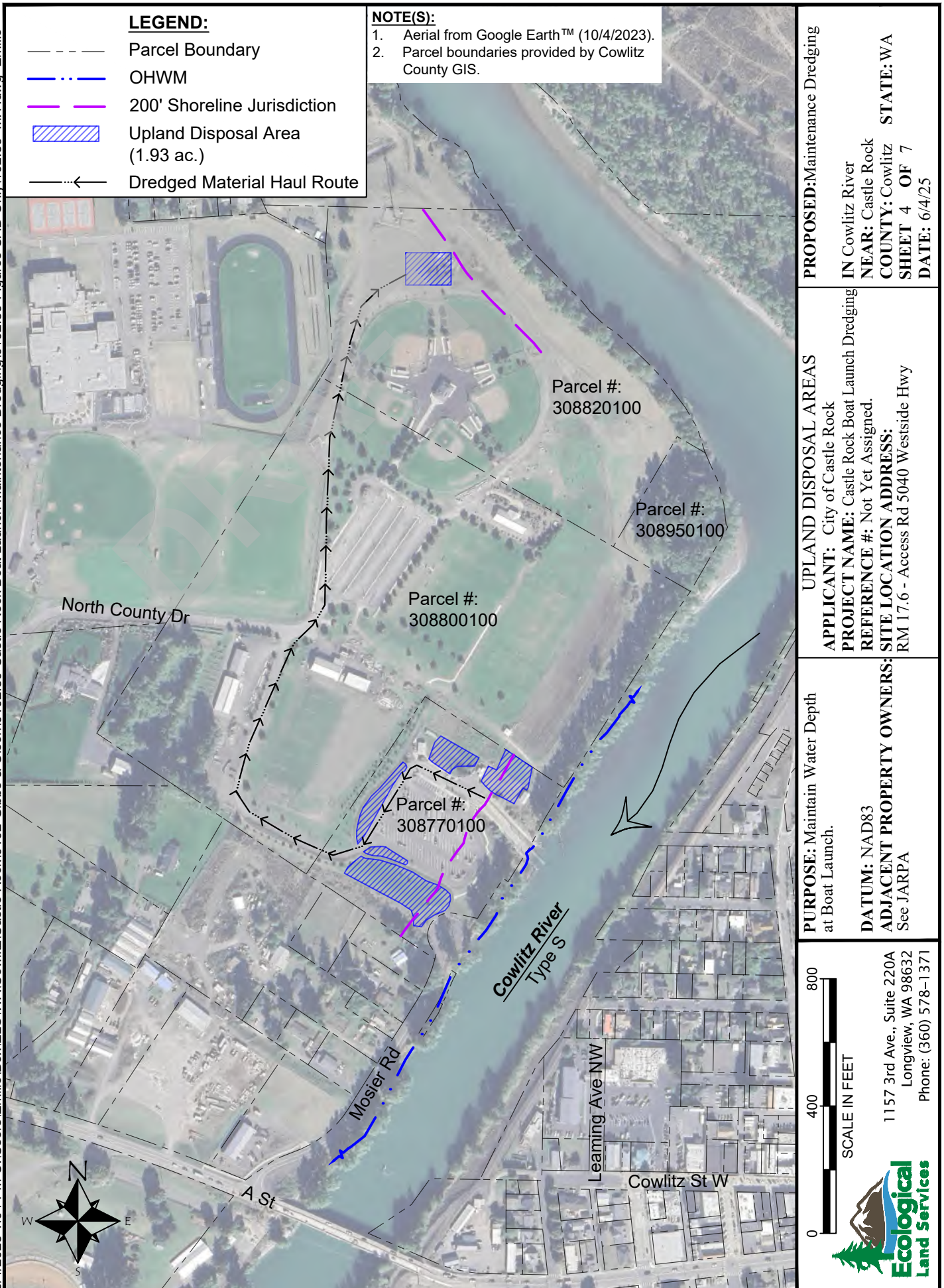
PURPOSE: Maintain Water Depth at Boat Launch.
DATUM: NAD83
ADJACENT PROPERTY OWNERS:
 See JARPA

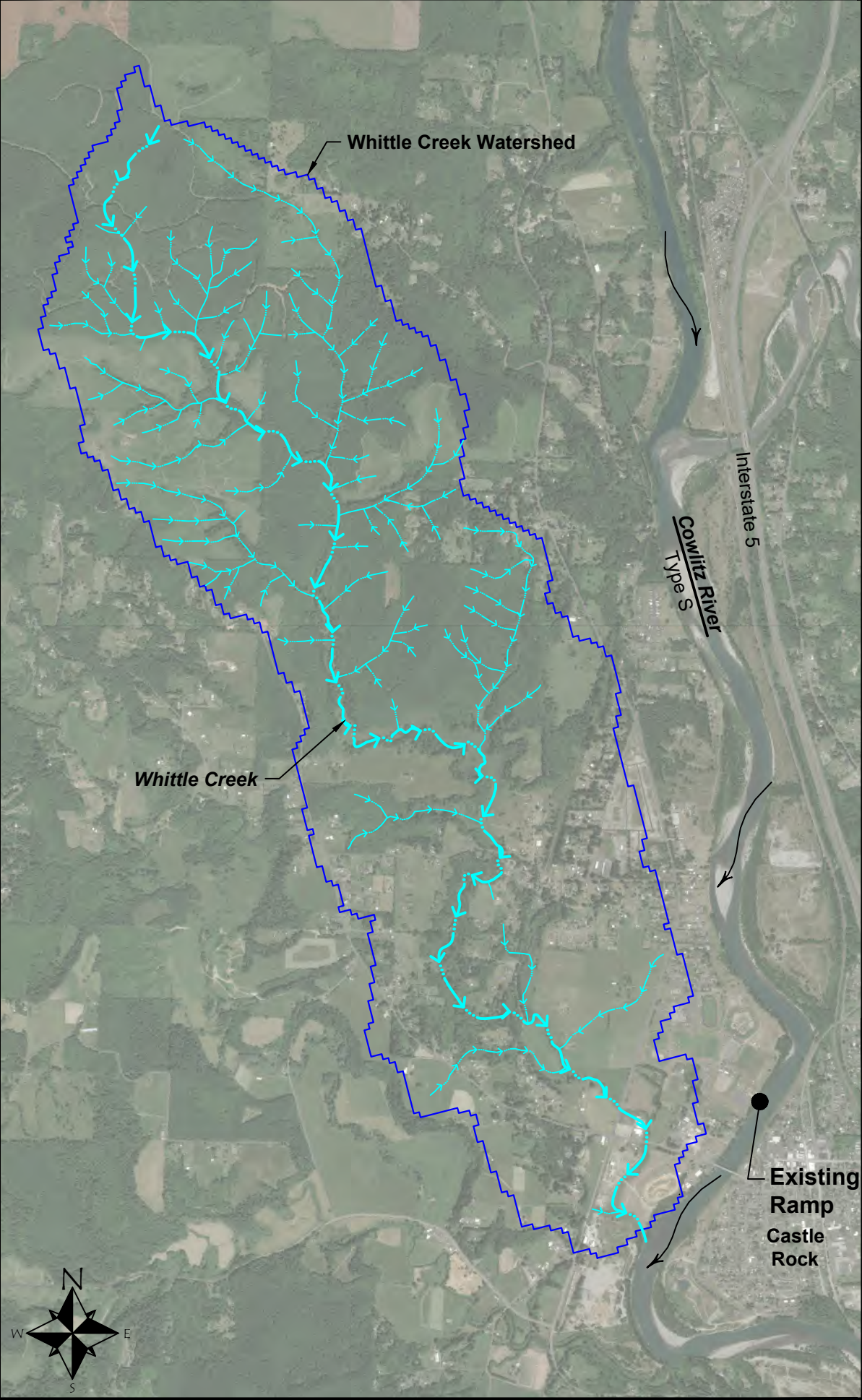
SCALE IN FEET

0 50 100

1157 3rd Ave., Suite 220A
 Longview, WA 98632
 Phone: (360) 578-1371

Ecological Land Services





PURPOSE: Maintain Water Depth at Boat Launch. DATUM: NAD83 ADJACENT PROPERTY OWNERS: See JARPA		WHITTLE CREEK WATERSHED APPLICANT: City of Castle Rock PROJECT NAME: Castle Rock Boat Launch Dredging REFERENCE #: Not Yet Assigned. SITE LOCATION ADDRESS: RM 17.6 - Access Rd 5040 Westside Hwy	PROPOSED: Maintenance Dredging IN Cowlitz River NEAR: Castle Rock COUNTY: Cowlitz STATE: WA SHEET 5 OF 7 DATE: 6/4/25
SCALE IN FEET 0 2500 5000 1157 3rd Ave., Suite 220A Longview, WA 98632 Phone: (360) 578-1371 Ecological Land Services			

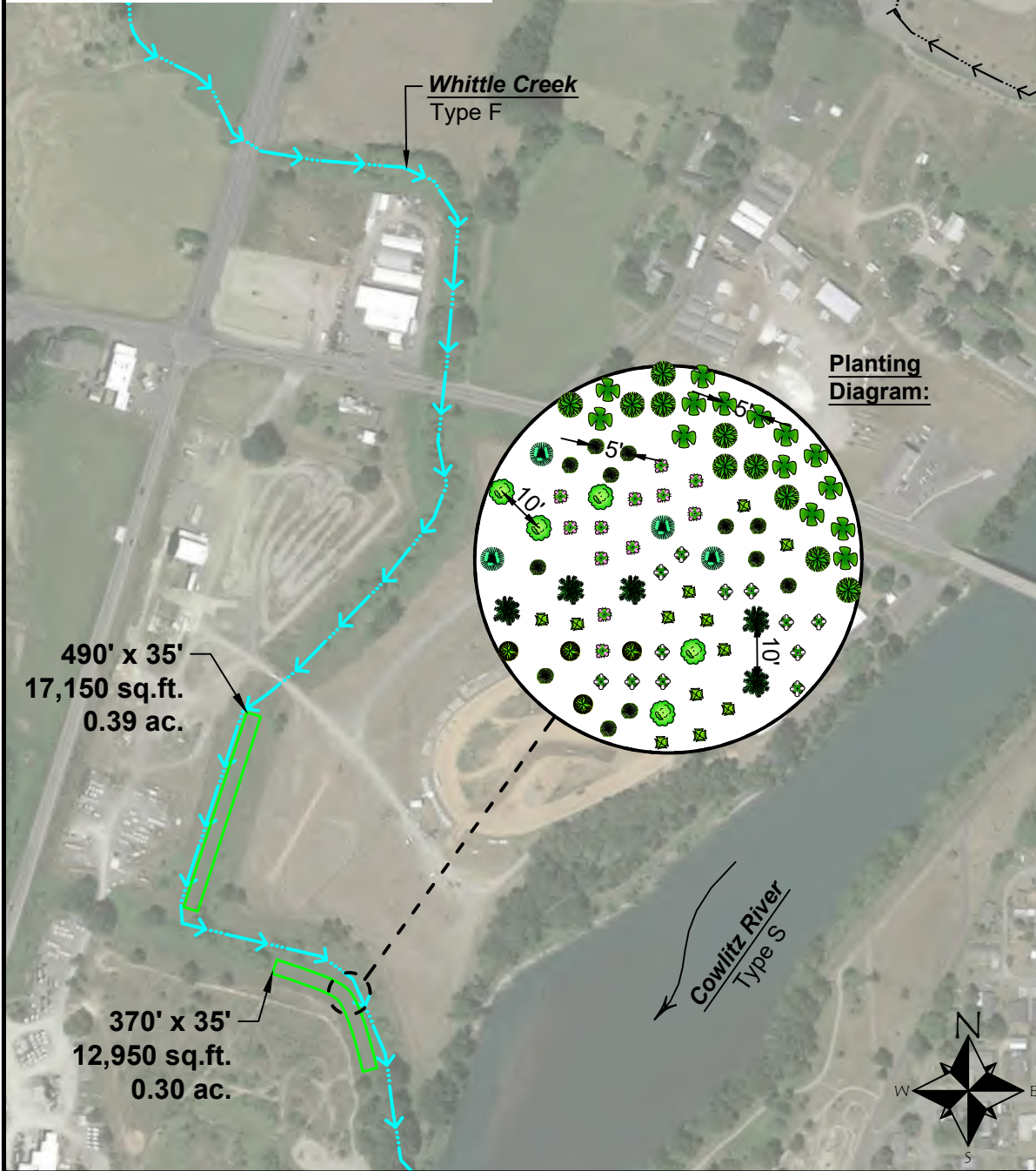


 1157 3rd Ave., Suite 220A Longview, WA 98632 Phone: (360) 578-1371		PURPOSE: Maintain Water Depth at Boat Launch. DATUM: NAD83 ADJACENT PROPERTY OWNERS: See JARPA		ACTION AREA MAP APPLICANT: City of Castle Rock PROJECT NAME: Castle Rock Boat Launch Dredging REFERENCE #: Not Yet Assigned. SITE LOCATION ADDRESS: RM 17.6 - Access Rd 5040 Westside Hwy		PROPOSED:Maintenance Dredging IN Cowlitz River NEAR: Castle Rock COUNTY: Cowlitz STATE: WA SHEET 6 OF 7 DATE: 6/4/25	
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Plant Specifications (0.69 acres)				
Species	Spacing (feet)		Minimum Size and Type	Quantity
Plant Near the Water – lower 11' (0.23 acres – 10,019 sf)				
Sida Willow (<i>Salix alba</i>)	5		3" cuttings	200
Red-Osier Dogwood (<i>Cornus sericea</i>)	5		3" cuttings or 1-gallon container or larger	200
Plant in Drier Soils Higher up the Bank – upper 24' (0.46 acres – 20,038 sf)				
Black Cottonwood (<i>Populus balsamifera</i>)	10' from other trees		3" cuttings, bareroot, or 1-gallon container or larger	67
Douglas Fir (<i>Pseudotsuga menziesii</i>)	10' from other trees		Bareroot or 1-gallon container minimum	67
Grand Fir (<i>Abies grandis</i>)	10' from other trees		Bareroot or 1-gallon container or larger	67
Vine Maple (<i>Acer circinnatum</i>)	10' from other trees		1-gallon container or larger	67
Oceanspray (<i>Holodiscus discolor</i>)	5' from other shrubs and trees		1-gallon container or larger	150
Nootka Rose (<i>Rosa nutkana</i>)	5' from other shrubs and trees		1-gallon container or larger	150
Snowberry (<i>Symphoricarpos albus</i>)	5' from other shrubs and trees		1-gallon container or larger	150
Sabal (<i>Saunderia shalton</i>)	5' from other shrubs and trees		1-gallon container or larger	150
Total Plants				1,286

LEGEND:

- Parcel Boundary
- Stream with Flow Direction
- Mitigation Area (0.69 ac.)



PROPOSED: Maintenance Dredging	IN Cowlitz River	NEAR: Castle Rock	COUNTY: Cowlitz	STATE: WA
			SHEET 7	OF 7
				DATE: 6/4/25
PLANTING PLAN	APPLICANT: City of Castle Rock	PROJECT NAME: Castle Rock Boat Launch Dredging	REFERENCE #: Not Yet Assigned.	SITE LOCATION ADDRESS: RM 17.6 - Access Rd 5040 Westside Hwy
PURPOSE: Maintain Water Depth at Boat Launch.	DATUM: NAD83	ADJACENT PROPERTY OWNERS: See JARPA		
Ecological Land Services 1157 3rd Ave., Suite 220A Longview, WA 98632 Phone: (360) 578-1371				



Photo 1. Taken June 2020. Dock at boat launch on the Cowlitz River facing downstream.



Photo 2. Taken June 2025. Looking downstream at dock shown in Photo 1. Both photos were taken at similar river levels. Photo 2 shows significant sediment accumulation.



Photo 3. Taken June 2025 from end of dock looking upstream at ramp and log boom.



Photo 4. Looking upstream at log boom. Photo taken June 2025.



1157 3rd Avenue, Suite 220A
Longview, WA 98632
Phone: (360) 578-1371
Fax: (360) 414-9305

DATE: 06/02/25
DWN: LS
PRJ. MGR: LS
PROJ.#: 102.89

Photoplate 1
Castle Rock Boat Launch Maintenance Dredging
Castle Rock, Washington
Section 10, Township 9N, Range 2W, W.M.