



**Request for Clean Water Act
Section 401 Water Quality Certification
Washington State Department of Ecology**
Phone: (360) 407-6076 or E-mail: ecyrefedpermits@ecy.wa.gov

AGENCY USE ONLY	
Date Received:	12/22/2023
Aquatics ID No.:	141763
Team:	SWRO
Valid Request:	1/17/2024

This Section 401 Water Quality Certification (WQC) Request form identifies information needed in order to review and process a Section 401 WQC Request. Please see Department of Ecology's (Ecology) [webpage](#) for more information about the Section 401 WQC Request process.

Submit this Section 401 WQC Request form along with a [Joint Aquatic Resources Permit Application](#) (JARPA) and supporting information¹ to ecyrefedpermits@ecy.wa.gov and copy the federal permitting agency.

A. Federal Permit or License Reference Number, if known: _____

Department of Ecology (Ecology) Aquatics ID Number, if known: _____

Project Name: _____ **County:** _____

B. Project Proponent Name: _____

C. Documentation showing that the Pre-Filing Meeting Request was submitted at least 30 days prior to submitting this Section 401 WQC Request. Attach either of the following:

- ☐ E-mail acknowledgement of receipt from Ecology
- ☐ Copy of previously submitted Pre-Filing Meeting Request Form

D. A completed, signed, and dated JARPA should be submitted with this form.

Did you attach a JARPA? ☐ Yes ☐ No

E. The following is a list of documents needed for Ecology's WQC review, along with a brief explanation. Depending on the project, additional information may be requested.

Please let us know what information you are submitting with this WQC request form.

Required for all projects:

1. State Environmental Policy Act (SEPA) determination and/or checklist:

- ☐ Final SEPA determination attached
- ☐ SEPA determination pending
- ☐ Exempt from SEPA (see [SEPA Guidance](#))
- ☐ SEPA is not required (e.g., federal agency projects)

¹ To submit documents over 25MB, e-mail ecyrefedpermits@ecy.wa.gov to request a secure link.

To request an ADA accommodation, contact Ecology by phone at (360) 407-6076 or email at ecyrefedpermits@ecy.wa.gov, or visit <https://ecology.wa.gov/accessibility>.

For Relay Service or TTY call 711 or 877-833-6341.

Si necesita este formulario en español, por favor, llámenos a (360) 407-6076
o envíenos un correo electrónico a: ecyrefedpermits@ecy.wa.gov

2. Project drawings attached: See associated Onsite Mitigation/Bank Use Plan (ELS December 2023)
- ☐ Vicinity map
 - ☐ Plan view
 - ☐ Cross-section(s)
 - ☐ Plan set
 - ☐ Other: _____

3. Best management practices and construction methodology, provided in the attached:
- ☐ JARPA
 - ☐ Water Quality Monitoring and Protection Plan (WQMPP)
 - ☐ Project drawings, sheets: _____
 - ☐ Mitigation Plan pages: _____
 - ☐ Other document(s): _____

Notes:

- This is needed for in-water work (below ordinary high water mark), including wetlands.
- Describe best management practices to be implemented to protect water quality.
- Describe construction sequencing and methodology.

4. Water quality monitoring, provided in the attached:
- ☐ Water Quality Monitoring Plan (WQMP).
 - ☐ Water Quality Monitoring and Protection Plan (WQMPP is similar to WQMP, but includes best management practices).
 - ☐ Other (please identify location, such as JARPA, Part 8): _____

Notes:

- Include language in the plans that allows Ecology to review and approve all substantive changes to a plan prior to implementation.
- A plan is needed when conducting work in a waterbody (e.g., creek, ditch, river, lake, pond, marine, estuarine).
- Include water quality parameters such as turbidity, oil sheen, pH (e.g., poured in-place concrete, concrete demolition), etc.
- See [State Water Quality Standards for Surface Waters](#) (Chapter 173-201A-200 or -210 WAC)
- If needed, templates are available.

Required depending on the project type:

5. Erosion and sediment control for upland work (above ordinary high water mark) that addresses stormwater during construction and long-term:

This information is included in the attached:

- ☐ JARPA
- ☐ Project drawings, sheets: _____
- ☐ Stormwater Pollution Prevention Plan, pages: _____
- ☐ Mitigation Plan, pages: _____
- ☐ Other document(s): _____

6. Wetland report, including the attached:

- ☐ Wetland delineation report
- ☐ Delineation data sheets
- ☐ Wetland rating forms

Notes:

- Needed when there is a discharge (dewatering, excavation or fill) to wetlands.
- Report needs to include both a wetland delineation and rating.
- Include delineation data sheets and rating forms.
- For more information see [wetland delineation resources](#) and [hiring a qualified wetland professional](#).
- Include language in the plans that allows Ecology to review and approve all substantive changes to a plan prior to implementation.

7. Mitigation, avoidance and minimization

- ☐ Wetland [avoidance and minimization checklist](#)
- ☐ Other aquatic resource avoidance and minimization demonstration
- ☐ Mitigation Plan
- ☐ Other: _____

Notes:

- Wetland [avoidance and minimization webpage](#).

8. Mitigation plan, provided in the attached:

- ☐ Riparian Planting and Monitoring Plan (Needed when riparian vegetation is removed or modified)
- ☐ Wetland or stream/other aquatic resource Mitigation Plan
- ☐ Wetland Mitigation Bank Use Plan (use when proposing mitigation bank use)
- ☐ In-Lieu Fee (ILF) Use Plan (use when proposing ILF mitigation)
- ☐ Project drawings, sheets: _____
- ☐ Other: _____

Notes:

- Needed to offset impacts to wetland, stream, marine, or other aquatic habitat.
- Include language in the plans that allows Ecology to review and approve all substantive changes to a plan prior to implementation.
- For more information, see [wetland compensatory mitigation](#).

9. Dredging

- ☐ Dredging Plan attached
- ☐ Suitability Determination attached

Notes:

- Needed when sediments will be dredged for maintenance, navigation, or other purposes.
- Covers in-water disposal and sediment anti-degradation.
- Dredging Plan should include dredge footprint and depth, dredge type, best management practices, disposal plan, off-loading plan for upland disposal, etc.
- Include language in the plans that allows Ecology to review and approve all substantive changes to a plan prior to implementation.
- For information on suitability determinations, see [Dredged Material Management Office](#).

10. Dewatering

- ☐ Dewatering Plan attached

Notes:

- Needed for complex in-water work or management of excavated/dredged material.

- Include language in the plans that allows Ecology to review and approve all substantive changes to a plan prior to implementation.
- May also be required for some excavation projects.

F. Required Certification Statements:

The project proponent hereby certifies that all information contained herein is true, accurate, and complete, to the best of my knowledge and belief.

Initial_____

The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.

Initial_____

Signature: _____ Date: _____

Print Name: _____



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: 12/14/2023 - edoc
Invalid - No Section
401 Request Form

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) [\[help\]](#)

Mountain View PUD (NWS-2022-253)

Part 2—Applicant

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

2a. Name (Last, First, Middle)

Kessi, James

2b. Organization (If applicable)

Kessi Engineering and Consulting

2c. Mailing Address (Street or PO Box)

6400 NE Hwy 99, #G169

2d. City, State, Zip

Vancouver, WA 98665

2e. Phone (1)

360-991-9300

2f. Phone (2)

2g. Fax

2h. E-mail

James.kessi@gmail.com

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

http://www.epermitting.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx.

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)			
Huffman, Coli			
3b. Organization (If applicable)			
Ecological Land Services			
3c. Mailing Address (Street or PO Box)			
1157 3 rd Avenue, Ste 220A			
3d. City, State, Zip			
Longview, WA 98632			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
360-431-4571			coli@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)			
Rotschy, Cornell			
4b. Organization (If applicable)			
Rotschy, LLC			
4c. Mailing Address (Street or PO Box)			
7408 NE 113 th Circle			
4d. City, State, Zip			
Vancouver, WA 98662			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail
360-334-3100			cornellr@rotschyinc.om

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]			
<input checked="" type="checkbox"/> Private			
<input type="checkbox"/> Federal			
<input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.)			
<input type="checkbox"/> Tribal			
<input type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E)			
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]			
19101 NE 29 th Avenue			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Ridgefield, WA 98642			
5d. County [help]			
Clark			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NW	12	3N	1E
5f. Provide the latitude and longitude of the project location. [help]			
<ul style="list-style-type: none">Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83)			
45.7595335, -122.6408784			
5g. List the tax parcel number(s) for the project location. [help]			
<ul style="list-style-type: none">The local county assessor's office can provide this information.			
181450000, 181455000, 181518000 plus BPA easement.			
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)	
Rice, Loren and Carol	3115 NE 190 th Circle	181557000	
	Ridgefield, WA 98642		
Morgus, Judith A Trustee	3607 NE 193 rd Circle	181562000	
	Ridgefield, WA 98642		
Morgan, Katherine A Trustee	3621 NE 193 rd Circle	181564000	
	Ridgefield, WA 98642		
Clark County Public Works	PO Box 9810	181586000	
	Vancouver, WA 98666		

5i. List all wetlands on or adjacent to the project location. [help]
Wetlands A-D
5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]
Stream A
5k. Is any part of the project area within a 100-year floodplain? [help]
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know
5l. Briefly describe the vegetation and habitat conditions on the property. [help]
The study area consists of alternating open fields and forested areas. The forested portions are vegetated with mature trees with an understory consisting of heavy Himalayan blackberry (<i>Rubus armeniacus</i>) cover, scattered, low growing native shrubs, and patches of herbaceous species and bare ground. The portion of the BPA corridor within the study area contains regularly mowed grasses, a livestock pasture, and several small gardens as well as a forested strip.
5m. Describe how the property is currently used. [help]
The northwest portion of the study area currently contains a single-family residence and several outbuildings, otherwise, it is undeveloped. Until the last couple years, the site was used for agricultural purposes, including hay production and livestock grazing.
5n. Describe how the adjacent properties are currently used. [help]
The study area is bordered by single-family residential properties and agricultural pasture in all directions, with the BPA corridor to the east. Approximately 0.25 miles southeast of the site, a high-density residential development is being constructed.
5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]
The study area contains a single-family residence with associated outbuildings and a gravel driveway. The portion of the study area within the BPA easement contains electrical towers. Aside from these, the site is undeveloped.
5p. Provide driving directions from the closest highway to the project location, and attach a map. [help]
From Interstate-5 take exit 9 for NE 179 th street and travel east for one mile to a four-way stop sign. Turn left onto NE 29 th Avenue and travel north for approximately 0.6 miles. The site will be on your right at 19101 NE 29 th Avenue, Ridgefield, WA 98642.

Part 6–Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [help]
The proposed project consists of a 72-lot residential development. Key components of the project include frontage improvements along NE 29 th Avenue, upgrades to an existing stream crossing and set of culverts, clearing, grading, lot preparation, utility installation, construction of interior streets, and fencing or signage at the rear or side yards of lots that border critical areas and buffers. Runoff created by the development will be routed to proposed stormwater infiltration facilities throughout the development.

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

The proposed project conforms with the residential zoning designation of the site and will provide residential housing to help satisfy a growing need throughout Clark County and particularly near the City of Ridgefield. The project site provides access for commuters to the nearby Interstate and growing retail and commercial development in the area.

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) [\[help\]](#)

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

Residential Lot Development

Residential lots will fully impact the onsite portion of Wetland A (0.38 acres), in the eastern portion of the study area (see bank use plan). To maintain the hydrologic connection between the offsite portions of the wetland to the north and south of the development, a catchment system will be placed at the inlet of the wetland on the north property boundary and hydrology will be routed underground to discharge to an existing shallow ditch offsite to the south in the same manner that it does currently. Residential lots will also intrude into the outer portion of the onsite Type F stream buffer, causing 1.30 acres of permanent buffer impact that will be mitigated onsite through understory enhancement. None of the proposed activities will occur within the 100-year floodplain.

Prior to construction, clearing limits will be demarcated with orange construction fencing or silt fencing. Construction access will be provided by an existing gravel driveway that currently serves a single-family residence in the western portion of the study area. Approved staging areas will be located outside of onsite critical areas and buffers. Additional best management practices (BMPs) will be utilized for the project and are further described in the Avoidance and Minimization section of the bank use plan.

Frontage Improvements on NE 29th Avenue

Required frontage improvements along NE 29th Avenue will widen the edge of pavement approximately 20 feet and require a roadside ditch and Wetland B (0.07 acres) to be filled (in conjunction with the development of Lot 1) (Sheet 5). The roadside ditch currently flows from north to south for approximately 335 feet along the west property boundary and conveys runoff from NE 29th Avenue. Another small ditch running from west to east along the southern property boundary will also be impacted by frontage improvements and development of Lot 1. The hydrologic functions of the ditches will be maintained by collecting and piping runoff along the frontage improvements and discharging it to an offsite ditch to the south in the same manner that it currently leaves the site.

Stream Crossing Improvements and Culvert Replacement

The existing stream crossing in the southern central portion of the study area will be paved and widened by approximately 30 feet to provide access to the eastern portion of the development. The existing 24-inch corrugated metal and 36-inch PVC culverts spanning the crossing are undersized and water currently flows around and between them, backing up during high water events. Both culverts will be removed and replaced with one corrugated metal or precast arch culvert with precast abutments to provide a bottomless arch crossing. The arch will be approximately 16 feet wide, 5 to 6 feet tall, and will span up to 56 linear feet from north to south with a 3.3 percent stream bottom slope (Sheets 5 and 6 of bank use plan). The upgraded arch culvert will allow for unimpeded fish passage into the onsite portion of the stream and will increase habitat availability and connectivity. Because the ordinary high water mark (OHWM) of Stream A was indiscernible directly north of the existing culverts, there are no direct stream impacts. Instead, the crossing upgrades will cause 0.01 acres of direct and 0.01 acres of indirect impacts to Wetland D. Approximately 76 cubic yards of clean, structural fill will be placed within Wetland D to widen the crossing and anchor the upgraded arch culvert. To protect aquatic life, all work associated with the culvert replacement and crossing upgrades will be done in the dry season when there is no hydrology in the adjacent stream or wetland.

A 4-foot-wide recreational path made of wood chips or other approved pervious material will be located in the onsite riparian buffer of Stream A. The path will cross the stream at an existing wooden foot bridge which will be upgraded for the project but will not change in size or overall footprint and will not cause additional stream impacts. In accordance with CCC Table 40.440.010-1, clearing as minimally necessary for creating a 4-foot or narrower path using natural, pervious surfacing is an allowed use in riparian buffers. The path will meander throughout the riparian buffer enhancement area to avoid trees and large shrubs. Natural log benches are also proposed along the trail and will consist of downed wood from construction clearing.

Sewer Line Crossing

To tie into the municipal sewer system, the project proposes installing a 4-inch diameter force main that will be installed in the upgraded road crossing over Stream A and run east and south from the development, within the BPA power line easement (Sheets 4 and 5 of bank use plan). The force main will be installed through open cut trenching, with native soils side cast and backfilled following the pipe placement. The clearing limits for trenching and installation will be approximately 12 feet wide, with a trench width of 2.5 feet and depth of 4 to 5 feet. The force main will span approximately 5,274 linear feet to its connection point near NE 179th Street. The force main will remain at least 50 feet away from electrical towers per BPA requirements. The alignment of the trench requires it to cross through Wetland C, causing 0.04 acres of temporary wetland impacts and 0.09 acres of temporary wetland buffer impacts. To prevent water from leaching out of the wetland during trenching, bentonite clay plugs will be installed where the trench crosses the wetland/upland boundary (Sheet 6). Temporary wetland and buffer impacts will be fully restored following installation by backfilling the trench and seeding all bare areas with an appropriate native seed mix.

Project Timing and Maintenance

The development will be constructed in two phases. Construction of Phase 1 (west portion of the study area) is planned for spring 2024 or upon receipt of permits. The culvert replacement in Phase 2 will occur during dry channel conditions and will adhere to the work window set forth in the associated Hydraulic Project Approval as required by the Washington Department of Fish and Wildlife (WDFW). All project components will be regularly inspected prior to each winter season and following storm events to ensure the culvert is free of debris and is in functional condition.

6f. What are the anticipated start and end dates for project construction? (Month/Year) [help] <ul style="list-style-type: none"> 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: <u>Spring 2024</u> End Date: <u>TBD</u> <input type="checkbox"/> See JARPA Attachment D
6g. Fair market value of the project, including materials, labor, machine rentals, etc. [help]
TBD
6h. Will any portion of the project receive federal funding? [help] <ul style="list-style-type: none"> If yes, list each agency providing funds.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 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]
<input type="checkbox"/> Not applicable
<ul style="list-style-type: none"> It was not feasible to avoid direct impacts to Wetland A as it spans the study area from north to south and access to the eastern portion of the site could not be established without impacts. However, impacts to hydrology have been minimized by routing water from north to south in the location of Wetland A, in the same manner that it currently flows through the site. Direct impacts to Wetland B were unavoidable due to County-mandated road improvements along NE 29th Avenue, which will extend the edge of pavement approximately 20 feet into the adjacent wetland. Hydrology will be maintained by collecting and routing runoff from NE 29th Avenue to the roadside ditch south of the road improvements, in the same manner that runoff currently leaves the site. Permanent impacts to Wetland C have been avoided and temporary impacts are being minimized by utilizing open cut trenching for the installation of the sewer line. Following the installation, the trench will be backfilled with native soils and re-seeded with a native herbaceous seed mix to return the wetland and buffer to pre-project conditions or better. A final preservation boundary will encompass the remaining critical areas onsite with metal signs posted at 100-foot intervals and a physical demarcation to prevent and minimize future impacts to the buffer. Impacts to habitat features onsite will be minimized by replacing removed snags (9 total) at a 1:1 ratio as either installed snags or large woody material within the riparian buffer, where an additional 5 snags will be preserved. During construction, wetland impacts will be further avoided and minimized through the use of best management practices (BMPs), including marking clearing limits, installing silt fencing along the edge of grading, applying native grass seed to disturbed areas not being paved or landscaped when grading is complete, and making a water truck available to prevent wind erosion and dust blowing during construction.
7b. Will the project impact wetlands? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
7c. Will the project impact wetland buffers? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
7d. Has a wetland delineation report been prepared? [help] <ul style="list-style-type: none"> If Yes, submit the report, including data sheets, with the JARPA package.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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. [\[help\]](#)

The goal of the mitigation plan is to fully compensate for 0.46 acres of direct and 0.12 acres of indirect impacts to three onsite Category III wetlands as well as 0.04 acres of temporary wetland impacts and 0.09 acres of temporary wetland buffer impacts to an additional Category III wetland. Compensation for impacts will occur through the purchase of 0.58 mitigation bank credits from the Terrace Wetland Mitigation Bank (Bank). The wetlands proposed for impact are approximately 8.5 miles northwest of the Bank site, in the Salmon/Washougal Water Resource Inventory Area (WRIA), in the northwest portion of the bank service area, lending to a watershed approach for project mitigation.

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)
See page 13 of Mitigation Plan for all						

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: Starting on Page 13

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. [\[help\]](#)

All fill material utilized for the project will be clean, structural fill sourced onsite or from an approved offsite source. Wetlands A and B will be completely filled for the project. Wetland D will be partially filled for culvert replacement and road widening. Two ditches in the western portion of the study area will be filled for the project, their impacts have been combined. Impact amounts are summarized in the table below.

Wetland Name	Impact Type	Impact Amount	Impact Amount (c.y.)
A	Fill	0.38 ac.	3,500
B	Fill	0.07 ac.	202
D	Fill	0.04 ac.	76
Onsite ditches	Fill	755 sq. ft.	26

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. [\[help\]](#)

Wetland C will be temporarily excavated for the installation of a sewer line. Excavation will occur through the use of heavy equipment and will utilize open cut trenching with native soils sidecast and backfilled following the pipe placement. The excavated trench area will total approximately 400 square feet and 45 cubic yards of material.

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

Stream A, a Type F waterbody, flows from north to south through the central portion of the study area. There will be no direct stream impacts as the area directly north of the existing road crossing did not have a discernible OHWM and has instead been encapsulated as part of Wetland D. The project will cause approximately 1.30 acres of riparian buffer impacts.

- Unavoidable impacts to the riparian buffer of Stream A have been minimized by concentrating impacts in the outer 35 percent of the 200-foot buffer. The proposed impacted buffer to the east will occur in an area of herbaceous vegetation that has historically been mowed and grazed and offers a low level of function.
- Impacts to the riparian buffer of Stream A will be offset by enhancing 2.10 acres of the buffer and 0.02 acres of Wetland D, which will allow for equal or greater ecological functions.
- The stream crossing and culvert replacement design minimizes impacts to Stream A and Wetland D by utilizing an existing crossing.
- A final preservation boundary will encompass the remaining critical areas onsite with metal signs posted at 100-foot intervals and a physical demarcation to prevent and minimize future impacts to the buffer.
- During construction, wetland impacts will be further avoided and minimized through the use of best management practices (BMPs), including marking clearing limits, installing silt fencing along the edge of grading, applying native grass seed to disturbed areas not being paved or landscaped when grading is complete, and making a water truck available to prevent wind erosion and dust blowing during construction.

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

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. [\[help\]](#)

There are no direct stream impacts proposed; however, approximately 1.30 acres of riparian buffer will be impacted for the project. Riparian buffer impacts will be mitigated through 2.10 acres of onsite buffer enhancement. The existing riparian buffer is degraded by invasive species cover and patches of bare ground and has been impacted by periodic mowing and cattle grazing, leading to limited vertical diversity. Because of this, onsite enhancement of the inner riparian buffer will adequately mitigate the impacts caused by development in degraded areas and will increase the ecological functions of the buffer nearest the stream. Enhancing the inner riparian buffer in this portion of the upper stream channel will allow for a lift in local and downstream benefits as plantings increase habitat functions for a greater variety of species, improve downstream water quality through increased pollutant and sediment filtration, aid in bank stabilization, and provide further shading and temperature reduction for instream flows. All of this will occur directly adjacent to the proposed development and impacts.

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
Grade/Clear	Stream A	Buffer	Permanent	-	1.30 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. [\[help\]](#)

N/A

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. [\[help\]](#)

N/A

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. [\[help\]](#)

A Water Quality Monitoring Plan will be developed, as required. BMPs will be put into place to ensure water quality is not impacted during construction, including demarcating clearing limits, installing silt fencing along grading and construction boundaries, and conducting all work for the stream/Wetland D crossing during dry months, when there is no flow in the adjacent channel or wetland. Stormwater onsite will be completely captured, treated where applicable, and infiltrated onsite to ensure there are no water quality impacts from impervious surface runoff.

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
USACE	Jim Carsner	Retired	September 2022 (boundary verification)
Washington Dept. of Ecology	Meghan Tait	(360) 210-2783	September 2022 (boundary verification)
Washington Dept. of Fish and Wildlife	Isaac Holowatz	(360) 773-8943	December 2021 (bankfull width and stream crossing coord.)

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.

170800030103

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 28 Salmon-Washougal

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>.

<input type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input type="checkbox"/> Other: _____
9g. What is the Washington Department of Natural Resources Water Type? [help] <ul style="list-style-type: none"> Go to http://www.dnr.wa.gov/forest-practices-water-typing for the Forest Practices Water Typing System.
<input type="checkbox"/> Shoreline <input checked="" type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal
9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help] <ul style="list-style-type: none"> If No, provide the name of the manual your project is designed to meet.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Name of manual: _____
9i. Does the project site have known contaminated sediment? [help] <ul style="list-style-type: none"> If Yes, please describe below.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9j. If you know what the property was used for in the past, describe below. [help]
The study area has historically been used for cattle grazing, various agricultural activities, and timber harvest. Currently, the pasture portions of the site are used for hay production and there is a single-family residence in the northwest corner.
9k. Has a cultural resource (archaeological) survey been performed on the project area? [help] <ul style="list-style-type: none"> If Yes, attach it to your JARPA package.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9l. 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]
See associated ESA No-Effect Assessment. There are no listed species in the vicinity or action area of the project.
9m. 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]
There are no priority species or habitats mapped by WDFW's PHS system. During the site assessment, ELS mapped the locations of 14 snags meeting size requirements for being classified as a priority habitat. See the associated Critical Areas Report for further information.

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 Clark County (lead agency). The expected decision date is January 2024.

☐ 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

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. CR (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. CR (initial)

<u>Cornell Rotschy</u>	<u></u>	<u>11-14-23</u>
Applicant Printed Name	Applicant Signature	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.

<u>Coli Huffman</u>	<u></u>	<u>11/9/23</u>
Authorized Agent Printed Name	Authorized Agent Signature	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.

<u>Property Owner Printed Name</u>	<u>Property Owner Signature</u>	<u>Date</u>
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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

Attachment C:
Contact information for adjoining
property owners. [\[help\]](#)

Use this attachment only if you have more than four adjoining property owners.

AGENCY USE ONLY	
Date received:	_____
Agency reference #:	_____
Tax Parcel #(s):	_____ _____ _____
TO BE COMPLETED BY APPLICANT [help]	
Project Name:	_____
Location Name (if applicable):	_____ _____

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

1. Contact information for all adjoining property owners. [help]		
Name	Mailing Address	Tax Parcel # (if known)
Bilauca, Marius and Anne	19117 NE 29 th Avenue	181523000
	Ridgefield, WA 98642	
Stinea, Daniel and Carmen	18901 NE 38 th Court	181522000
	Ridgefield, WA 98642	
Farrell, Michael and Sharon	18900 NE 38 th Court	181540000
	Ridgefield, WA 98642	
Lovell, James and Alicia	18903 NE 35 th Court	181539000
	Ridgefield, WA 98642	
Goodman, Harlan and Mary	18904 NE 35 th Court	181538000
	Ridgefield, WA 98642	
McDaniel, Michael and Joan	3013 NE 190 th Circle	181521000
	Ridgefield, WA 98642	
McDowell, Rodney	2910 NE 188 th Street	181531000
	Ridgefield, WA 98642	
Woolsey, Michael and Frances	3814 NE 188 th Street	181544000
	Ridgefield, WA 98642	

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Huffman, Michele and Dennis	3819 NE 188 th Street	181464000
	Ridgefield, WA 98642	
Magnett, Richard Jr.	18400 NE 37 th Place	18154000
	Ridgefield, WA 98642	
Naranjo, Piedad and Arreola Margarita	3806 NE 179 th Street	181445000
	Ridgefield, WA 98642	
Hannula, Lonny	3920 NE 179 th Street	181492000
	Vancouver, WA 98686	
Zilke, Wilfred	8518 NW 19 th Avenue	181548000
	Vancouver, WA 98665	
Mill Creek JV, LLC	PO Box 61426	986050147
	Vancouver, WA 98666	
McWilliams, Kevin and Trudie	19102 NE 42 nd Court	181560000
	Ridgefield, WA 98642	
Dobbins, Stephen and Kathi	19104 NE 42 nd Court	181559000
	Ridgefield, WA 98642	