

Water Quality Certification Processing
Request to the Washington Department of Ecology

Received
Electronically
April 6 2016

Project Name SE 272nd St (SR 516) Extension Project

Applicant City of Covington Public Works

Contact Name Don Vondran, Public Works Director, City of Covington
Sharese Graham, ESA (agent for the applicant)

Phone Number (206) 789-9658

Address 16720 SE 271st Street, Suite 100, Covington, WA 98042

Check those statements below which correspond to your project.

1. Withdrawal of certification request:

I would like to withdraw my request for certification. I do not intend to pursue certification of this project at this time.

I would like to withdraw my request for certification and re-apply for certification. I understand that this will extend the review period for this project of one additional year.

2. Changes to project:

There are no changes in my project proposal which would affect water quality.

There are changes in my project proposal that may affect water quality. (If this answer is selected, please attach a new JARPA explaining the changes and their impacts on water quality.)

I am authorized to make this request on behalf of this applicant.

Signature Sharese Graham, ESA **Date** 6-APRIL-2016



US Army Corps of Engineers
Seattle District

WASHINGTON STATE Joint Aquatic Resources Permit Application (JARPA) Form^{1,2}

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

Department of Ecology
AGENCY USE ONLY

Date received: APR 20 2015

Agency reference #: Environmental
Shorelands & Environmental

Tax Parcel #: (b) (5) - Exemption Program

Part 1—Project Identification

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

SE 272nd Street (SR516) between Jenkins Creek and 185th Place SE Roadway Improvements

Part 2—Applicant

The person and/or organization responsible for the project. [help]

2a. Name (Last, First, Middle)

Vondran, Don, Public Works Director

2b. Organization (If applicable)

City of Covington

2c. Mailing Address (Street or PO Box)

16720 SE 271st Street, Suite 100

2d. City, State, Zip

Covington, WA 98042

2e. Phone (1)

(253) 480-2462

2f. Phone (2)

()

2g. Fax

()

2h. E-mail

dvondran@covington.wa.gov

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.
- If your project might affect species listed under the Endangered Species Act, you will need to fill out a Specific Project Information Form (SPIF) or prepare a Biological Evaluation. Forms can be found at <http://www.nws.usace.army.mil/Missions/CivilWorks/Regulatory/PermitGuidebook/EndangeredSpecies.aspx>.
- 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.epermittling.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx.

For other help, contact the Governor's Office of Regulatory Assistance at 1-800-917-0043 or help@ora.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)			
Graham, Sharese			
3b. Organization (If applicable)			
Environmental Science Associates (ESA)			
3c. Mailing Address (Street or PO Box)			
5309 Shilshole Avenue, Suite 200			
3d. City, State, Zip			
Seattle, WA 98107			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
(206) 789-9658	()	()	sgraham@esassoc.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)			
4b. Organization (If applicable)			
4c. Mailing Address (Street or PO Box)			
4d. City, State, Zip			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail
	()	()	

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 (<i>R-O-W acquisition</i>) <input type="checkbox"/> Federal <input checked="" 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]			
The project is located on SE 272 nd Street (SR516), between Jenkins Creek and 185 th Place SE, in the City of Covington (Sheet 1).			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Covington, WA 98042			
5d. County [help]			
King			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
	30 & 31 / 25 & 36	22N / 22N	6E / 5E
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) 			
47.358039 / -122.102641			
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. 			
The majority of the project is located within the existing road right-of-way or City-owned parcel. Additional right-of-way is being acquired by the City to accommodate the roadway improvements and widening. The parcels numbers for properties affected by the project are listed in Attachment C.			
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)
See Attachment C			
5i. List all wetlands on or adjacent to the project location. [help]			
There are five wetlands (A-E) identified within the project area. See the Wetland Delineation, Fish and Wildlife Habitat Study, and Conceptual Wetland Mitigation Plan (ESA, 2015) prepared for the project for a complete description of the wetlands.			

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

The project crosses Jenkins Creek, which flows from the north to the south through an approximately 12-foot by 4-foot box culvert under SE 272nd Street (Sheet 2). Another unnamed stream (Stream 2) flows from east to west on the south side of SE 272nd Street. Stream 2 originates from a large open water wetland to the south and flows in a confined channel parallel to the project corridor. Drainage from Stream 2 flows into Jenkins Creek through a series of culverts under residential properties to the southwest of the project area.

Five wetlands (Wetlands A through E) were identified in the project area. These wetlands are detailed in the Wetland Delineation, Fish and Wildlife Habitat Study, and Conceptual Wetland Mitigation Plan (ESA, 2015).

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 majority of the project is located within the existing road right-of-way. Roadside vegetation includes grasses and areas of coniferous forest. Vegetation near Jenkins Creek and the wetlands include typical riparian plants such as willow, reed canarygrass, Himalayan blackberry, skunk cabbage, Scots broom, and a mix of other shrub and herbaceous species. For a detailed description of the vegetation on the site, see the Wetland Delineation, Fish and Wildlife Habitat Study, and Conceptual Wetland Mitigation Plan (ESA, 2015).

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

The majority of the project is located within the existing road right-of-way. The areas proposed for right-of-way acquisition are both publicly and privately owned, with commercial, residential, and open space/natural uses.

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

The areas adjacent to the roadway alignment are both publicly and privately owned, with commercial, residential, and open space/natural uses.

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

In addition to the roadway surface, there are existing utility lines beneath the road. Jenkins Creek crosses beneath SE 272nd Street (SR516) through an existing 12-foot-wide by 4-foot-high reinforced concrete box culvert.

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

The project is located on SE 272nd Street (SR516), between Jenkins Creek and 185th Place SE, in the City of Covington (Sheet 1). From Interstate 5, take SR 18 East for approximately 8.5 miles. Take SE 272nd Street/SR 516 east approximately 0.7 miles to the west end of the project alignment.

Part 6–Project Description

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

The City of Covington proposes to widen SE 272nd Street (SR 516), between Jenkins Creek and 185th Place SE (Sheet 1). The project would consist of widening SE 272nd Street from a two-lane to a five-lane roadway (two through lanes and a turning lane) from approximately 600 feet west of Jenkins Creek Road to 185th Place SE, with a taper to match existing roadway east of 185th Place SE. The project will also improve fish passage by replacing an existing box culvert at Jenkins Creek with a bridge. Also included in the project are a signal replacement at 185th Place SE, illumination, curb, gutter and eight-foot sidewalks, five-foot planters and other landscaping, bike lanes, access control features for safety, utility relocations, and stormwater facilities. A sanitary sewer line within the road right-of-way will be relocated within the new project boundaries along with a water system main upgrade. The project design is shown in more detail in the attached Project Plans (Tetra Tech, 2014).

Replacing the existing culvert with a new bridge and widening the roadway across Jenkins Creek and its associated riparian corridor will require the permanent fill of approximately 0.42 acres of existing wetlands. The project may also temporarily impact up to 1.04 acres of wetland and/or wetland and stream buffer to facility construction and relation of conflicting utilities (Sheets 3 and 4). Disturbed critical areas and buffers will be restored

following construction and adjacent areas will be enhanced as mitigation for temporary impacts. As mitigation for the loss of wetlands, the City is proposing to rehabilitate or create and enhance wetland areas within and near Jenkins Creek at the mitigation site, northwest of the project alignment (Sheets 1 and 5). Mitigation standards will comply with City of Covington specific mitigation requirements (CMC 18.65.340) and applicable federal and state wetland mitigation guidelines. For additional details on the Mitigation Plan, see the Wetland Delineation, Fish and Wildlife Habitat Study, and Conceptual Wetland Mitigation Plan (ESA, 2015).

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

The road widening project is intended to relieve traffic congestion, reduce accidents on SE 272nd Street/SR 516, and improve fish passage. SE 272nd Street/SR 516 is a 5-lane roadway with sidewalks, gutters, bike lanes, and a planted median between SR 18 and Jenkins Creek. The proposed project will extend the 5-lane standard section westward to 185th Place SE.

Replacing the culvert with a structural bridge will allow the creation of an open channel and enhancements such as the placement of fish-friendly substrate and large woody debris within Jenkins Creek.

The proposed road profile is elevated on the east side of Jenkins Creek in order to provide for a future trail connection along Jenkins Creek (not included in project construction). The elevated road profile will also allow a parallel sanitary sewer pipeline to function by gravity, eliminating the need for the existing pump station and lowering the maintenance requirements for the sanitary sewer system.

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

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.

Clearing and Grading. Clearing and grading will be required within the right-of-way to construct the proposed roadway improvements. Construction activities that will require grading include widening the roadway, excavation of portions of the banks of Jenkins Creek for removal of the culvert, creation of a new stream channel, installation of the new bridge footings, and installation of stormwater treatment facilities. Filling will be required to raise the road profile to meet the required bridge height, and for backfill of utility trenches. The project is estimated to require a total 6,100 cubic yards of fill and 7,000 cubic yards of excavation.

Excavation would also be required to construct the wetland mitigation at the off-site location. The amounts of filling and grading required for this work is not yet known as final mitigation design has not been completed. Prior to final design and permitting for the project, the City will be required to review and approve the grading plans for the mitigation site.

Bridge Construction. Jenkins Creek is currently conveyed under SR 516 in a 12-foot-wide by 4-foot-high culvert. The project includes removal of the culvert, construction of a new bridge crossing, and creation of an open channel to convey Jenkins Creek under the new bridge. Construction of a new channel will also require stream realignment upstream and downstream of the existing culvert inlet and outlet to match the geometry and alignment of the new channel, as well as channel enhancements such as the placement of fish-friendly substrate and large woody debris (LWD). Construction of the bridge and stream channel will require in-water work, including dewatering, fish removal, and excavation.

The new bridge will be constructed at an elevation of 366 feet (NAVD 88). This is approximately 13 feet higher than the ordinary high water mark (OHWM) elevation of approximately 353 feet, and about 9.5 feet higher than the 100-year flood elevation of 356.5 feet. Construction of the bridge at the Jenkins Creek crossing will require dewatering and temporary diversion of the stream. It is anticipated that dewatering will occur from a point 150 feet north (upstream) of the existing culvert inlet to a point approximately 400 south (downstream) of the existing culvert outlet. Once fish removal is complete, a cofferdam will be constructed to exclude flow from the work area.

Channel Enhancements and Bank Stabilization. The culvert will be replaced with an open stream channel designed to WDFW guidelines for high and low fish passage. A trapezoidal low-flow channel will be constructed on the right (west) bank of the stream, 2.6-feet deep, 12-foot wide, with side slopes of 2H:1V. The distance between the bank tops of the low flow channel underneath the bridge is approximately 22 feet. In addition, a bench approximately 13 feet in width will be constructed immediately to the east of the low flow channel. The total width of all excavation for channel construction underneath the new bridge is approximately 60 feet. Stabilization materials will be placed within the channel and along the earthen embankments that surround the roadway abutments. All regrading and installation of habitat features will occur from the existing roadway or either stream bank. No heavy equipment will cross the stream and to the extent possible, heavy equipment will not enter any portion of the existing low-flow channel.

Utility Improvements. Electricity is needed to power the proposed new light standards and intersection signals. No other utilities are required for operation of the proposed project. However, there is a sanitary sewer line, water mains serving two water districts, and a natural gas pipe within the road right of way that will require relocation with construction of the new road.

Stormwater Treatment. All runoff in the project area will come from the roadway and bridge surfaces. The project will require the placement of approximately 64,843 square feet of new impervious surfaces. Water quality treatment systems will be installed for both new and existing (to the maximum extent practical) pollution-generating impervious surfaces throughout the project area.

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> Summer 2017 </u> End date: <u> Summer 2019 </u> <input type="checkbox"/> See JARPA Attachment D
6g. Fair market value of the project, including materials, labor, machine rentals, etc. [help]
\$10.2 million
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 checked="" type="checkbox"/> Yes - Federal Highway Administration <input 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
<p>The project has been designed to avoid and minimize impacts to wetlands to the highest practicable extent. The project includes the construction of retaining walls that will confine the extent of the road prism. The existing Jenkins Creek box culvert that constricts the stream and bisects the floodplain will be replaced with a new single-span bridge that will reduce indirect impacts on the stream, associated floodplain, and riparian wetlands once work is complete.</p> <p>Appropriate BMPs will be used for temporary stream bypasses and for pollution, sediment, and erosion control during construction. Erosion and sediment control measures may include mulching, matting, and netting; filter fabric fencing; quarry rock entrance mats; sediment traps and ponds; and surface water interceptor swales and ditches. Significant long-term water quality impacts are not expected if erosion control BMPs, stormwater treatment facilities, and spill containment measures are properly implemented, monitored, and maintained during construction. However, some temporary short-term water quality impacts from sediment are possible even with the use of erosion control BMPs. A TESC plan would be prepared and implemented to minimize and control pollution and erosion from stormwater. The project will adhere to a Spill Prevention Control and Countermeasure (SPCC) plan developed specifically for this project.</p>
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] <ul style="list-style-type: none"> If Yes, submit the wetland rating forms and figures with the JARPA package.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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 Not applicable

Because the majority of remaining land within the project area is already wetland, an offsite mitigation area is required to compensate for permanent wetland impacts in order to meet regulatory requirements. The City of Covington identified an offsite mitigation area upstream of the project corridor that is also within the Jenkins Creek watershed. For additional details on the Mitigation Plan, see the Wetland Delineation, Fish and Wildlife Habitat Study, and Conceptual Wetland Mitigation Plan (ESA, 2015).

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

The wetland mitigation plan will create new and enhance existing wetlands and create and enhance existing wetland buffer within the Jenkins Creek subbasin to replace the functions and values of wetlands impacted by the road widening proposal. See the Wetland Delineation, Fish and Wildlife Habitat Study, and Conceptual Wetland Mitigation Plan (ESA, 2015).

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: Pages 13-20 of the Wetland Delineation, Fish and Wildlife Habitat Study, and Conceptual Wetland Mitigation Plan (ESA, 2015)

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. [\[help\]](#)

Clearing, grading, excavation and fill will be required within the right-of-way to construct the proposed roadway improvements. Construction activities that will require earthwork include widening the roadway from two to five lanes, excavation of portions of the banks of Jenkins Creek for removal of the culvert, creation of a new stream channel, installation of the new bridge foundations, and installation of stormwater treatment facilities. Filling will be required to raise the road profile to meet the required bridge height, and for backfill of utility trenches. The project is estimated to require a total 6,100 cubic yards of fill and 7,000 cubic yards of excavation.

Reuse of excavated material on-site will reduce the amount of fill material required to be imported. Approximately 80 percent of the material excavated for the roadway and stormwater facilities will be re-used as fill for the new road profile (i.e., to raise the road to the required height of the bridge). Material deemed unsuitable for reuse on-site will be exported to an approved solid waste facility. Approximately 2,000 yards of clean fill material will be imported for road fill and for backfilling of the utility trenches. All fill material will be obtained from an approved commercial quarry within a short distance from the project. Other construction materials will also be imported, such as asphalt for the road surface, concrete for the sidewalks and bridge structures, cobble for restoration of the stream bed under the new bridge, and gravel for the stormwater infiltration system.

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. [\[help\]](#)

As described in 7i above, the project will require approximately 7,000 cubic yards of excavation. All regrading and installation of habitat features will occur from the existing roadway or either stream bank. No heavy equipment will cross the stream, and to the extent possible, heavy equipment will not enter any portion of the existing low-flow channel.

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

See 7a above.

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 Not applicable

Because the majority of remaining land within the project area is already wetland, an offsite mitigation area is required to compensate for permanent wetland impacts in order to meet regulatory requirements. The City of Covington identified an offsite mitigation area upstream of the project corridor that is also within the Jenkins Creek watershed (Sheets 1 and 4). Mitigation standards will comply with City of Covington specific mitigation requirements (CMC 18.65.340) and applicable federal and state wetland mitigation guidelines. For additional details on the Mitigation Plan, see the Wetland Delineation, Fish and Wildlife Habitat Study, and Conceptual Wetland Mitigation Plan (ESA, 2015).

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. [\[help\]](#)

See section 7g.

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
Fill	Jenkins Creek	In	2 months	2,000	16,400
Fill	Stream 2	In	2 months	200	2,100

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. [\[help\]](#)

See 7i above.

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. [\[help\]](#)

Approximately 2,200 cy yards of material will be excavated and reused to realign the stream channels. All regrading and installation of habitat features will occur from the existing roadway or either stream bank. No heavy equipment will cross the stream, and to the extent possible, heavy equipment will not enter any portion of the existing low-flow channel. See also 7i above.

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
WSDOT	Phil Segami	(206) 440-4736	April 6, 2015
		()	
		()	

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: <http://www.ecy.wa.gov/programs/wq/303d/>.

Yes No

Jenkins Creek is listed for bacteria and pH under report numbers 13164 and 12653, respectively.

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.

6th Field Hydrologic Unit Code (HUC) 171100130302

9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [\[help\]](#)

- Go to <http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm> to find the WRIA #.

WRIA 9 – Green/Duwamish River Watershed, in the Middle Green River Sub-watershed

9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [\[help\]](#)

- Go to <http://www.ecy.wa.gov/programs/wq/swqs/criteria.html> 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: http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html.

Rural Urban Natural Aquatic Conservancy Other _____ n/a

9g. What is the Washington Department of Natural Resources Water Type? [\[help\]](#)

- Go to http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx 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

Name of manual: Ecology's 2005 Stormwater Management Manual for Western Washington

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. [\[help\]](#)

Most of the project area lies within the existing road right-of-way. Land proposed for right-of-way acquisition along SE 272nd Street between Jenkins Creek and 185th Place SE has uses that range in nature from commercial to residential parcels to undeveloped land use categories. The main commercial areas are located north of SE 272nd Street, between Jenkins Creek and 185th Place SE. Land uses south of SE 272nd Street are predominately residential.

9k. Has a cultural resource (archaeological) survey been performed on the project area? [\[help\]](#)

- If Yes, attach it to your JARPA package.

Yes 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]

Coastal-Puget Sound DPS bull trout (*Salvelinus confluentus*) – Threatened
Puget Sound Chinook salmon ESU (*Oncorhynchus tshawytscha*) – Threatened
Puget Sound steelhead DPS (*O. mykiss*) - Threatened

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]

PHS species are mapped within the project vicinity. According to PHS information, anadromous fish are documented within Jenkins Creek. A bald eagle nest is located approximately 1,200 feet southwest of the study area, and a bald eagle management zone extends to the edge of the project corridor.

Several priority habitats are mapped in the project vicinity. Wetlands associated with Soos Creek are mapped to the north and south of the project area. Migration and rearing habitats for resident coastal cutthroat, winter Steelhead, Coho, and fall Chinook salmon are mapped in Jenkins Creek. See also the Wetland Delineation, Fish and Wildlife Habitat Study, and Conceptual Wetland Mitigation Plan (ESA, 2015).

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.ecy.wa.gov/opas/>.
- Governor's Office of Regulatory Assistance at (800) 917-0043 or help@ora.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 www.ecy.wa.gov/programs/sea/sepa/e-review.html.

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

A SEPA determination is pending with City of Covington (lead agency). The expected decision date is May 2015.

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

Effective July 10, 2012, you must submit a check for \$150 to Washington Department of Fish and Wildlife, unless your project qualifies for an exemption or alternative payment method below. **Do not send cash.**

Check the appropriate boxes:

- \$150 check enclosed. (Check # _____)
Attach check made payable to Washington Department of Fish and Wildlife.
- Charge to billing account under agreement with WDFW. (Agreement # _____)
- My project is exempt from the application fee. (Check appropriate exemption)
- HPA processing is conducted by applicant-funded WDFW staff.
(Agreement # _____)
 - Mineral prospecting and mining.
 - Project occurs on farm and agricultural land.
(Attach a copy of current land use classification recorded with the county auditor, or other proof of current land use.)
 - Project is a modification of an existing HPA originally applied for, prior to July 10, 2012.
(HPA # _____)

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

FEDERAL GOVERNMENT

United States Department of the Army permits (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 permits:

- Private Aids to Navigation (for non-bridge projects)

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)

Don Vonckman
Applicant Printed Name

[Signature]
Applicant Signature

4/14/15
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.

Shavese Graham
Authorized Agent Printed Name

[Signature]
Authorized Agent Signature

4/13/2015
Date

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

Not required if project is on existing rights-of-way or easements.

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.

Property Owner Printed Name

Property Owner Signature

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.

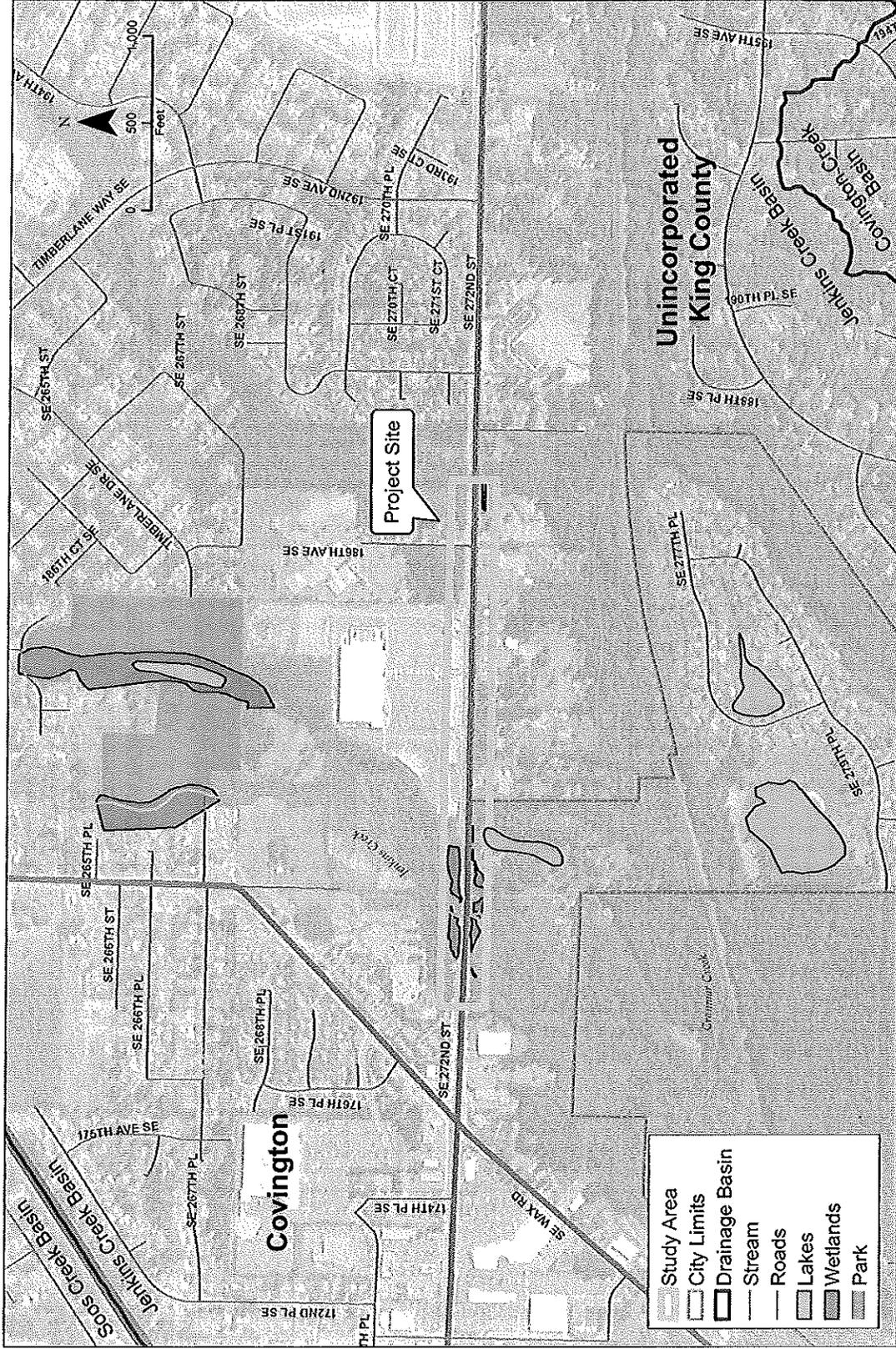
If you require this document in another format, contact the Governor's Office of Regulatory Assistance (ORA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORA publication number: ENV-019-09 rev. 06-12



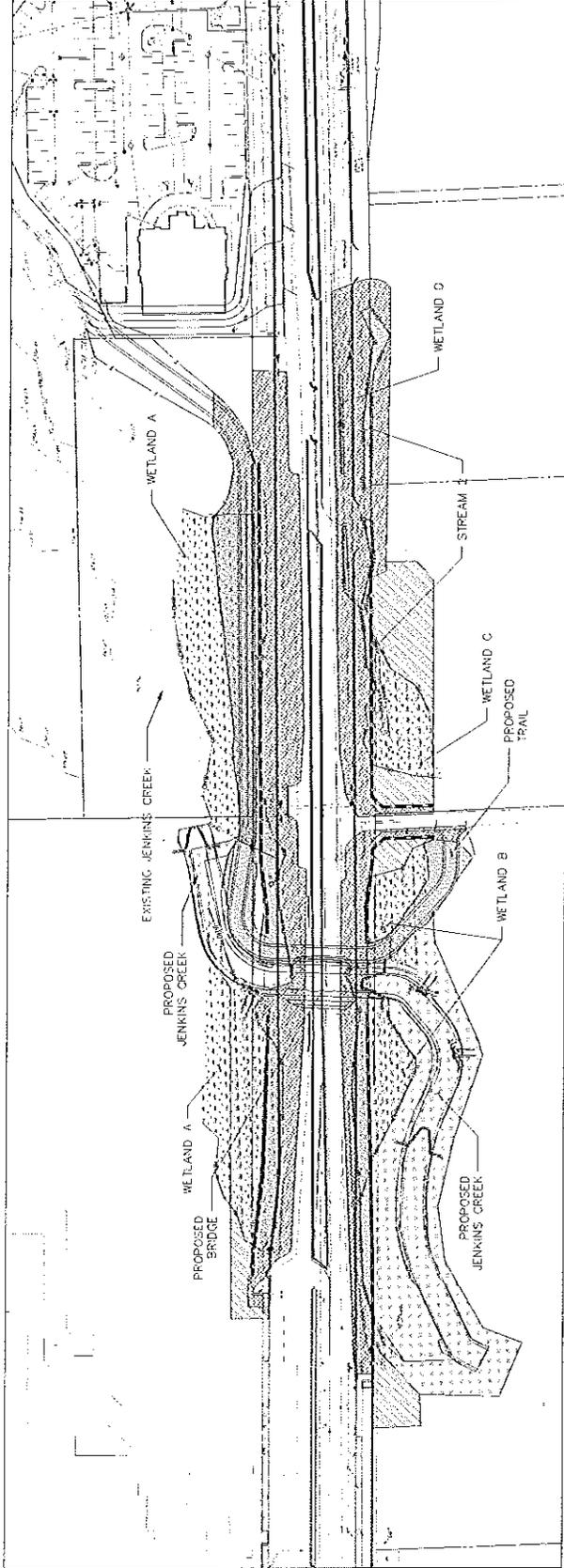
PROPOSED PROJECT: SE 272nd St
Roadway Improvements and Bridge
Over Jenkins Creek
IN: Jenkins Creek
NEAR/AT: Covington
COUNTY: King
STATE: WA
SHEET: 1 of 4
DATE: July 2013

VICINITY MAP
LOCATION ADDRESS:
SE 272nd St/SR 516, MP 12.24-12.82
LAT/LONG: 47.358039-122.102641
DATUM: NAD83
SECTION 30/31 & 25/36,
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

REFERENCE #: [USACE will provide]
APPLICANT: City of Covington
ADJACENT PROPERTY OWNERS:
1. See Attachment C

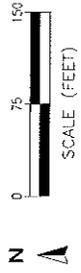


<p>PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek</p>	<p>WETLANDS/STREAMS</p>	<p>REFERENCE #: [USACE will provide] APPLICANT: City of Covington ADJACENT PROPERTY OWNERS: 1. See Attachment C</p>
<p>IN: Jenkins Creek</p>	<p>LOCATION ADDRESS: SE 272nd St/SR 516, MP 12.24-12.82</p>	
<p>NEAR/AT: Covington</p>	<p>LAT/LONG: 47.358039-122.102641</p>	
<p>COUNTY: King</p>	<p>DATUM: NAD83</p>	
<p>STATE: WA</p>	<p>SECTION 30/31 & 25/36, TOWNSHIP 22N & 22N, RANGE 6E & 5E</p>	
<p>SHEET: 2 of 4</p>		
<p>DATE: July 2013</p>		



Jenkins Creek Area

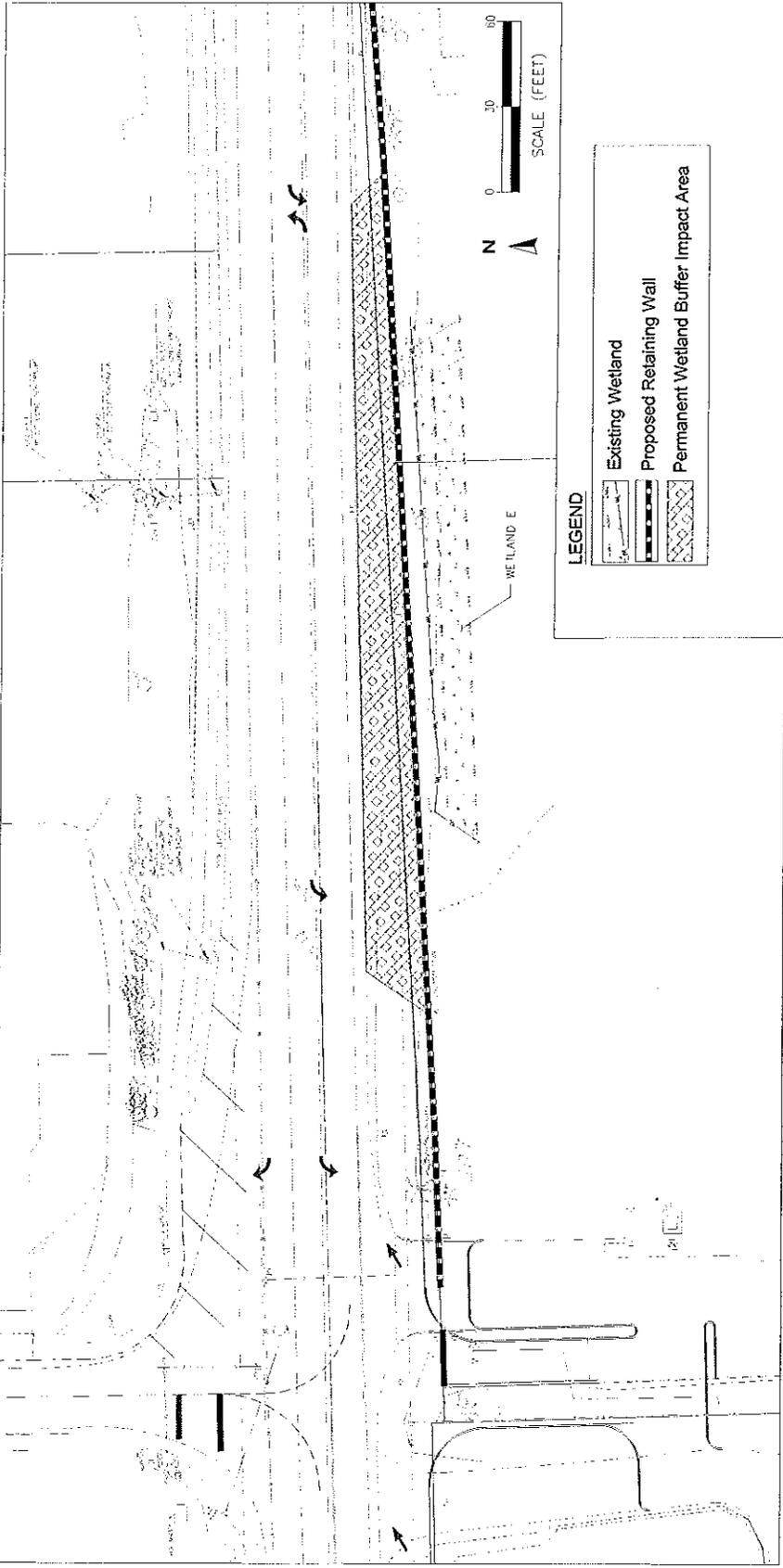
LEGEND		Permanent Impacts		Temporary Impacts	
	Existing Stream		Wetland/Stream		Wetland/Stream
	Existing Wetland		Buffer		Buffer
	Proposed Stream				
	Proposed Retaining Wall				



REFERENCE #: [USACE will provide]
 APPLICANT: City of Covington
 ADJACENT PROPERTY OWNERS:
 1. See Attachment C

**IMPACTS TO JENKINS CREEK, STREAM 2
 WETLAND A, B, C AND D**
 LOCATION ADDRESS:
 SE 272nd St/SR 516, MP 12.24-12.82
 LAT/LONG: 47.358039-122.102641
 DATUM: NAD83
 SECTION 30/31 & 25/36,
 TOWNSHIP 22N & 22N, RANGE 6E & 5E

**PROPOSED PROJECT: SE 272nd St
 Roadway Improvements and Bridge
 Over Jenkins Creek**
 IN: Jenkins Creek
 NEAR/AT: Covington
 COUNTY: King STATE: WA
 SHEET: 3 of 5
 DATE: August 2014

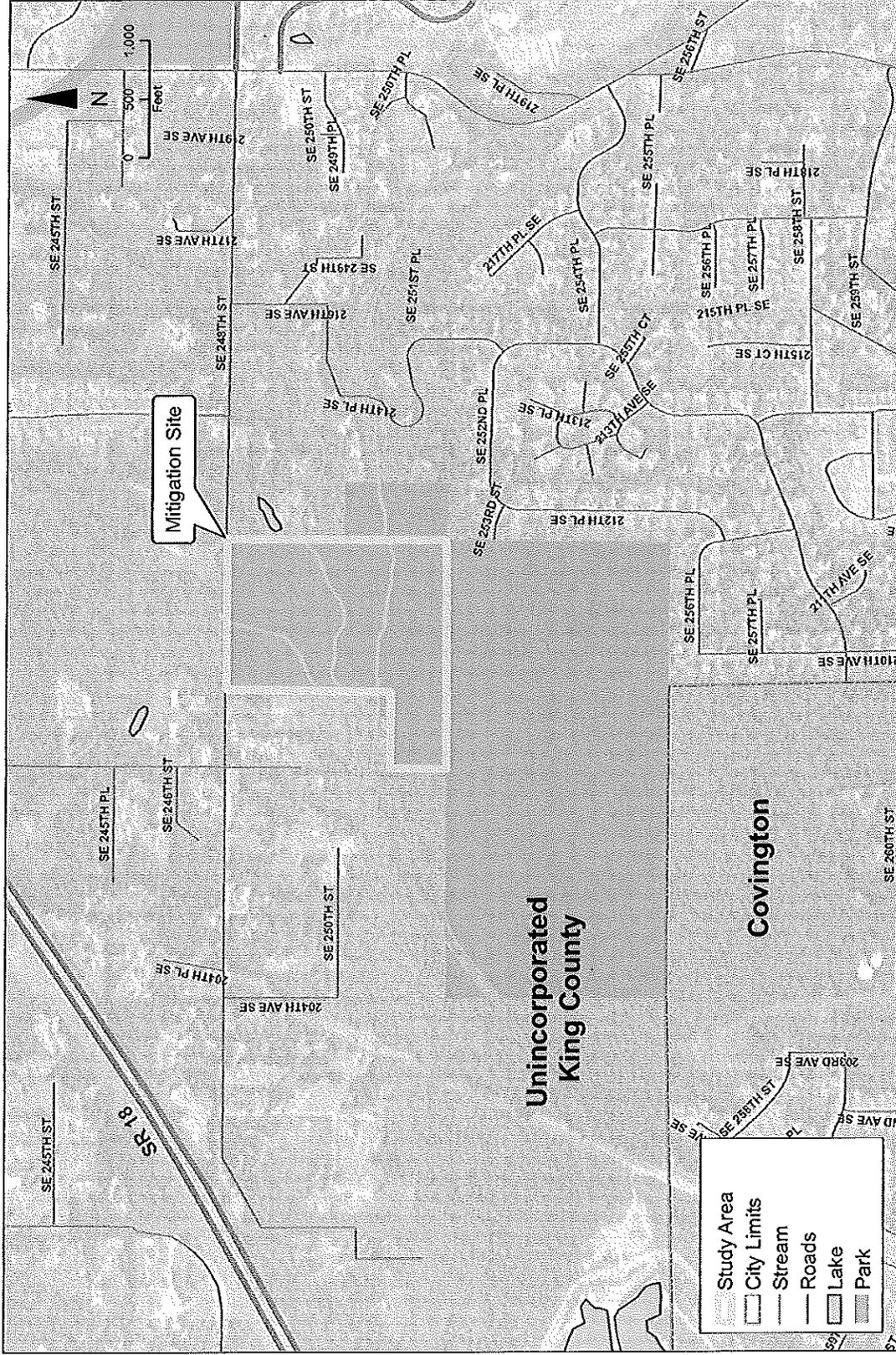


FILE NAME: S:\03-04 IMPACTS_IARPA.dwg / CREATED BY: JAC / DATE LAST UPDATED: 8/20/2014
 PLOT: G:\WATER_RESOURCES\2012 Proj\08112074_S851603 CAD\dwg\IARPA_IMPACTFIGURES.DWG Created by: DLD, 8/19/2014

REFERENCE #: [USACE will provide]
APPLICANT: City of Covington
ADJACENT PROPERTY OWNERS:
 1. See Attachment C

IMPACTS TO WETLAND E
LOCATION ADDRESS:
 SE 272nd S/516, MP 12.24-12.82
LAT/LONG: 47.358039-122.102641
DATUM: NAD83
SECTION 30/31 & 25/36,
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St
 Roadway Improvements and Bridge
 Over Jenkins Creek
IN: Jenkins Creek
NEAR/AT: Covington
COUNTY: King
STATE: WA
SHEET: 4 of 5
DATE: August 2014



<p>REFERENCE #: [USACE will provide] APPLICANT: City of Covington ADJACENT PROPERTY OWNERS: 1. See Attachment C</p>	<p>OFF-SITE STREAM/WETLAND LOCATION ADDRESS: SE 272nd St/SR 516, MP 12.24-12.82 LAT/LONG: 47.358039-122.102641 DATUM: NAD83 SECTION 30/31 & 25/36, TOWNSHIP 22N & 22N, RANGE 6E & 5E</p>	<p>PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek IN: Jenkins Creek NEAR/AT: Covington COUNTY: King STATE: WA SHEET: 5 of 5 DATE: August 2014</p>
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US Army Corps
of Engineers
Seattle District

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

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)
COVINGTON CREEK LLC	C/O THURMAN PROPERTIES, PO BOX 15, DEER HARBOR, WA 98243	3622059062
BOOS PAT	PO BOX 284, HOBART, WA 98025	3622059184
WHERE'S WALTER LLC	2711 W VALLEY HWY N #200, AUBURN, WA 98001	3122069021
WHERE'S WALTER LLC	2711 W VALLEY HWY N #200, AUBURN, WA 98001	3122069020
ALQUIST CHRIS	18203 SE 272ND ST, KENT, WA 98042	3122069048
RODRIGUEZ ERNEST J	18217 SE 272ND ST, KENT, WA 98042	3122069023
ISHAM DARREL L	18221 SE 272ND ST, KENT, WA 98042	3122069024
BELL JANICE L	18247 SE 272ND ST, KENT, WA 98042	3122069022
DONITA ED -N- LEARNED FAMILY TRUST	29703 3RD AVE SW, FEDERAL WAY, WA 98023	3122069045
BEACH HOUSE INVESTMENTS L L	22209 255TH AVE SE, MAPLE VALLEY, WA 98038	3122069050
LATIMER STEVEN M & ANNE	22209 255TH AVE SE, MAPLE VALLEY, WA 98038	3122069040
GREEN BILL	23404 98TH AVE S, KENT, WA 98031	3122069043
LOBBAN HENRY F	PO BOX 7509, COVINGTON, WA 98042	3122069031

LOBBAN HENRY F	PO BOX 7509, COVINGTON, WA 98042	3122069065
HEDIN RON JR	18527 SE 272ND ST, KENT, WA 98042	3122069053
PEACE LUTHERAN CHURCH	18615 SE 272ND ST, KENT, WA 98042	3122069005
PEACE LUTHERAN CHURCH	18615 SE 272ND ST, KENT, WA 98042	3122069037
MULTICARE HEALTH SYSTEM	2106 PACIFIC AVE #400, 2106-4-CBRE, TACOMA, WA 98402	2522059131
KWON SON KU	7240 E MARGINAL WAY S, SEATTLE, WA 98108	3022069053
CITY OF COVINGTON	16720 SE 271ST ST, SUITE 100, COVINGTON, WA 98042	1796310130
COVINGTON ESPLANADE LLC	601 S FIGUEROA ST #3400, LOS ANGELES, CA 90017	1796310030
COVINGTON ESPLANADE LLC	601 S FIGUEROA ST #3400, LOS ANGELES, CA 90017	1796310040
COVINGTON ESPLANADE LLC	601 S FIGUEROA ST #3400, LOS ANGELES, CA 90017	1796310050
COVINGTON ESPLANADE LLC	601 S FIGUEROA ST #3400, LOS ANGELES, CA 90017	1796310060
COVINGTON ESPLANADE LLC	601 S FIGUEROA ST #3400, LOS ANGELES, CA 90017	1796310070
CITY OF COVINGTON	16720 SE 271ST ST, SUITE 100, COVINGTON, WA 98042	1796310120
KENT SCHOOL DIST 415	12033 SE 256TH ST, KENT, WA 98031	3022069029
LIAN VAN ZA+SUI Z TIAL	27130 186TH AVE SE, COVINGTON, WA 98042	3022069031

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