WASHINGTON STATE
Joint Aquatic Resources Permit Application (JARPA) Form[1,2] [help]

US Army Corps of Engineers ®
Seattle District

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

AGENCY USE ONLY

Date received: 7/10/2020 edoc
Verified Section 401

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]
Skagit Drainage and Irrigation Improvement District 15: DFI: Drainage Maintenance Agreement and Plan

Part 2–Applicant

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

2a. Name (Last, First, Middle)			
Elde, Steve			
2b. Organization (If applicable)			
Skagit County Drainage, and Irrigation Improvement District 15			
2c. Mailing Address (Street or PO Box)			
16072 Best Road			
2d. City, State, Zip			
Mount Vernon WA 98273			
2e. Phone (1)	**2f.** Phone (2)	**2g.** Fax	**2h.** E-mail
(360) 661-3603			skagitdiid15@gmail.com

[1]Additional 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.

[2]To 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.

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

Part 3–Authorized Agent or Contact

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

3a. Name (Last, First, Middle)			
Friebel, Jenna, M			
3b. Organization (If applicable)			
Skagit Drainage and Irrigation Districts Consortium			
3c. Mailing Address (Street or PO Box)			
2017 Continental Place Suite 4			
3d. City, State, Zip			
Mount Vernon, WA 98273			
3e. Phone (1)	**3f.** Phone (2)	**3g.** Fax	**3h.** E-mail
360-708-0344			jfriebel@skagitdidc.org

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]

☒ Private
☐ Federal
☒ Publicly owned (state, county, city, special districts like schools, ports, etc.)
☐ Tribal
☐ 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]

Existing rights of ways and easements within the jurisdictional boundary of the district.

5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]

LaConner, WA

5d. County [help]

Skagit

5e. Provide the section, township, and range for the project location. [help]

¼ Section	Section	Township	Range
all	multiple	T34N	R03E

5f. Provide the latitude and longitude of the project location. [help]

- Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83)

See attached map

5g. List the tax parcel number(s) for the project location. [help]

- The local county assessor's office can provide this information.

See attached maps

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)

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

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

Skagit River, Sullivan Slough, Swanson Slough, White Slough, and artificial Drainage/Irrigation watercourses.

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]

Cultivated farm fields are generally located adjacent to watercourses with grass banks and ditch slopes. Reed Canary grass is well established in the watercourses. (See attached DMP documents)

5m. Describe how the property is currently used. [help]

District right of ways and/or easements along watercourses are used to maintain the watercourses, drainage protection infrastructure within the jurisdictional boundaries of the district.

5n. Describe how the adjacent properties are currently used. [help]

District 15 includes primarily agricultural land zoned Ag-NRL. Land use throughout the district is in agricultural production, except for some hobby farms, minor commercial and residential development.

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

District 15 infrastructure covered under this agreement includes trash racks, culverts, backflow gates, and a small earthen dam (see Figure 2; Addendum B-1). Drainage from District 15 flows into the Swinomish Channel via conventional gravity flow tidegate infrastructure and to Sullivan's Slough via pump stations located on Chilberg Road and Bradshaw Road.

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

District 15 is located within the Skagit River Delta. The District encompasses approximately 9,978 acres east of the town of LaConner and the Swinomish Channel and is bordered by Whitney LaConner Road to the west, the Skagit River to the east, the Skagit River and Chillberg Road to the south and approximately McLean Road to the north (Figure 1).

From I-5 take the Kincaid St/SR536 exit: going West
Take a right on 3rd Ave/SR536: going North
Follow SR536 over the Skagit River Bridge; take a left on to Wall Street; going south
Veer right as Wall Street turns into McLean Blvd.

Part 6–Project Description

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

District 15 conducts routine maintenance of drainage infrastructure within the jurisdictional boundary of District 15 consistent with the provisions and elements of the district's Drainage Maintenance Agreement and Drainage Maintenance Plan. These documents were developed collaboratively with elected Commissioners of the District, WDFW, Skagit River System Cooperative and Western Washington Agricultural Association in 2008.

The updated Agreement and DMP reflect updates and refinements to the original Agreement and Drainage Maintenance Plan based on lessons learned from 10 years of implementation. These updates and refinements have been coordinated with the District Commissioners, WDFW and WWAA.

This project is for 10-year on-going drainage maintenance activities.

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

The purpose of on-going drainage maintenance work and flood protection maintenance is to support adjacent agricultural practices. District 15 has some of the highest quality soils in the world and in order to keep them productive drainage systems need to be maintained.

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

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

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

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

Culvert repair and replacement

Culverts must be maintained to ensure normal flow through the culvert occurs. Repair or replacement is necessary when incidental damage occurs to the culvert that would prevent optimum water flow or an unsafe crossing situation. Maintenance cleaning is usually done using a high-pressure water or mechanical dredge, or by hand.

Dredging

Dredging is typically completed utilizing a hydraulically operated boom type excavator. The excavator has a wide flat bottomed bucket that scraped down one side, rounds the bottom and come up opposite side of the channel in one continuous motion. The excavation leaves the watercourse with sloped sides and a rounded bottom that minimizes side sloughing and erosion. All the material removed from the channel is deposited landward of the watercourse and is later incorporated into the adjoining field or hauled away as necessary. In wide watercourses, a dragline type excavator is generally utilized. The excavation process is the same as the boom type excavator except that the dragline works from the middle of the channel back to each side.

Herbicide Spraying

Historically, District 15 has not used herbicides in this reach to control channel vegetation. However, in the future, District 15 may begin using herbicides annually to control the channel vegetation and to prolong the time interval between maintenance dredging events. Any applications of herbicide will be performed by organizations with current certifications and in accordance with all regulations.

In-Water Bucket Mowing

In-water bucket mowing is a technique that uses a hydraulically operated sickle bar mower mounted on the front edge of a dredging bucket. The machine mows vegetative material below the water line and accumulates the material in the bucket. The material is then deposited away from the watercourse. This type of mowing allows for the removal of vegetative material without removing the root system or soil. The hydraulically operated sickle bar mower is a very specialized piece of equipment.

Out of Water Mowing

Out of water mowing is routine removal of vegetative material above the water line to the bank top. It is completed using various types of mechanical mowers (rotary or flail designs) and reduces the vegetative material during the growing cycle.

Pump Station Maintenance

District 15 performs routine pump station repair and maintenance activities. This work includes servicing and replacement of motors and wearing parts, repair and replacement of damaged platform and pump house components, and repair and replacement of electrical elements. This work is done within the existing footprint of the pump station.

Tidegate maintenance

Tidegates are one-way check valves at the end of a drainage system that allow drainage water to flow from the system to salt water during a low tide cycle and then close to prevent saltwater from entering the drainage system as the tide rises. Work on tidegates includes removal of debris that may prevent the gate from closing property. Replacements of tidegates and major repairs are not covered by this agreement and is address by a separate HPA.

Trashracks maintenance, repair and replacement

Trashracks are systems designed to prevent foreign material from getting into a pump facility or tidegate. Foreign material is any manmade or natural material that gets could get lodged into the pump system or accumulate that could disrupt or damage the pump system. Maintenance generally includes debris removal.

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

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

Start Date: Immediately End Date: 2031 ☐ See JARPA Attachment D

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

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

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

☐ Yes ☒ No ☐ Don't know

Part 7–Wetlands: Impacts and Mitigation

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

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

☐ Not applicable

The District's Drainage Maintenance Agreement and Plan provide the framework and protocols to avoid and minimize adverse impacts to wetlands. Annual meetings with the permitting agencies are part of the plan, and are held annually to review past performance and pre-review upcoming work activities.

7b. Will the project impact wetlands? [help]

☐ Yes ☒ No ☐ Don't know

7c. Will the project impact wetland buffers? [help]

☐ Yes ☒ No ☐ Don't know

7d. Has a wetland delineation report been prepared? [help]

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

☐ Yes ☒ No

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

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

☐ Yes ☒ No ☐ Don't know

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

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

☐ Yes ☒ No ☐ Don't know

The District's Drainage Maintenance Agreement and Plan includes a commitment to partner with non-profits and local governments to implement Habitat Improvement Projects. District 15 does not have any blue or green watercourses within their boundaries as defined in the Drainage Maintenance Agreement and Plan. As such, no mitigation plan has been prepared.

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

n.a.

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

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

[1] If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.
[2] Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.
[3] Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.
[4] Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

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

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

n/a

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]

Dredging is completed, as needed utilizing a hydraulically operated boom type excavator. The excavator has a wide flat bottomed bucket that scrapes down one side, rounds the bottom and come up opposite side in one continuous motion. Thus the result leaves the ditch with inclined side and a round bottom feature that minimize side sloughing and erosion in bottom of ditch. All material removed is deposited landward of the ditch so that it will not return to the ditch and will later be incorporated into the adjoining field or hauled away as necessary. When work is completed in ditches too large for the boom type excavator, a drag-line type excavator is utilized. The process is the same except that the drag line will work form the middle of the ditch to one side and then work the opposite side.

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

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

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

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

☐ Not applicable

The District's Drainage Maintenance Agreement and Plan provide the framework and protocols to avoid and minimize adverse impacts to waterbodies. District 15 does not have any blue or green watercourses within their boundaries as defined in the Drainage Maintenance Agreement and Plan. As such, no mitigation plan has been prepared.

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

The Drainage Maintenance Plan is intended for maintenance of existing drainage infrastructure, which does not require mitigation. In addition, District 15 does not have any mapped blue or green watercourses within the jurisdictional boundaries of the district and does not perform maintenance activities in blue or green waterbodies as defined in the Districts Drainage Maintenance Plan and Agreement.

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]

n.a.

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

[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]

The Drainage Maintenance Plan includes a description of sediment removal activities. In general, sediment is removed using a boom type excavator. The excavator has a wide flat bottomed bucket that scrapes down one side, rounds the bottom and comes up the opposite side in one continuous motion. This results with a watercourse that has included sides and a round bottom feature that minimize side sloughing and erosion in the bottom of the watercourse. All of the material is removed is deposited landward of the watercourse so that it will not return to the ditch and will later be incorporated into the adjoining field or hauled away as necessary. When work is completed in watercourses too large for the boom type excavator, a drag-line type excavator is utilized. The process is the same except that the drag line will work from the middle of the channel to one side and then work the opposite side.

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
WDFW	Bob Warinner	(360) 305-6726	Spring 2020

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

Ecology identified an unnamed ditch in District 15 as being listed on Ecologies 303(d) list for dissolved oxygen. It is unclear if this listing is representative of this waterbody being identified as an artificial ditch and if the criteria are being properly applied.

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.

17110019 – Puget Sound Watershed

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 3

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

- Go to https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria for the standards.

☒ Yes ☐ No ☐ Not applicable

9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help]

- If you don't know, contact the local planning department.
- For more information, go to: https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases.

☐ Urban ☐ Natural ☐ Aquatic ☐ Conservancy ☒ Other: Rural

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

- Go to http://www.dnr.wa.gov/forest-practices-water-typing for the Forest Practices Water Typing System.

☐ Shoreline ☐ Fish ☐ Non-Fish Perennial ☐ Non-Fish Seasonal

9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help]

- **If No**, provide the name of the manual your project is designed to meet.

☐ Yes ☒ No

Name of manual: Routine drainage maintenance Work is not addressed in stormwater manuals

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]

This land has been in agricultural production since the late 1800's, the district was formed in the late 1800s to provide drainage and flood protection.

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]
Marble murrelet Northern spotted owl Coastal/Puget Sound bull trout Chinook salmon Steelhead trout Coho salmon ESA consultations with NOAA and USFWS have been completed.
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]
Habitats: Riparian, Freshwater Wetlands, In-stream Fishes: Pacific and River Lamprey, Bull Trout/Dolly Varden, Chinook Salmon, Coho Salmon, Steelhead Trout Amphibians: Western Toad Birds: Great Blue Heron, Wood Duck, Snow Goose, Tundra Swan, Waterfowl Species, Bald Eagle

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 _____ (lead agency). The expected decision date is _____.
☐ 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 ☐ Non-Federally Regulated Waters

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: d13-pf-d13bridges@uscg.mil

☐ Bridge Permit ☐ Private Aids to Navigation (or other non-bridge permits)

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. _____ (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. _____ (initial)

Steve Elder	Steve R Elder	6-1-2020
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.

Jenna Friebel	Jenna Friebel	6-1-2020
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.

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 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

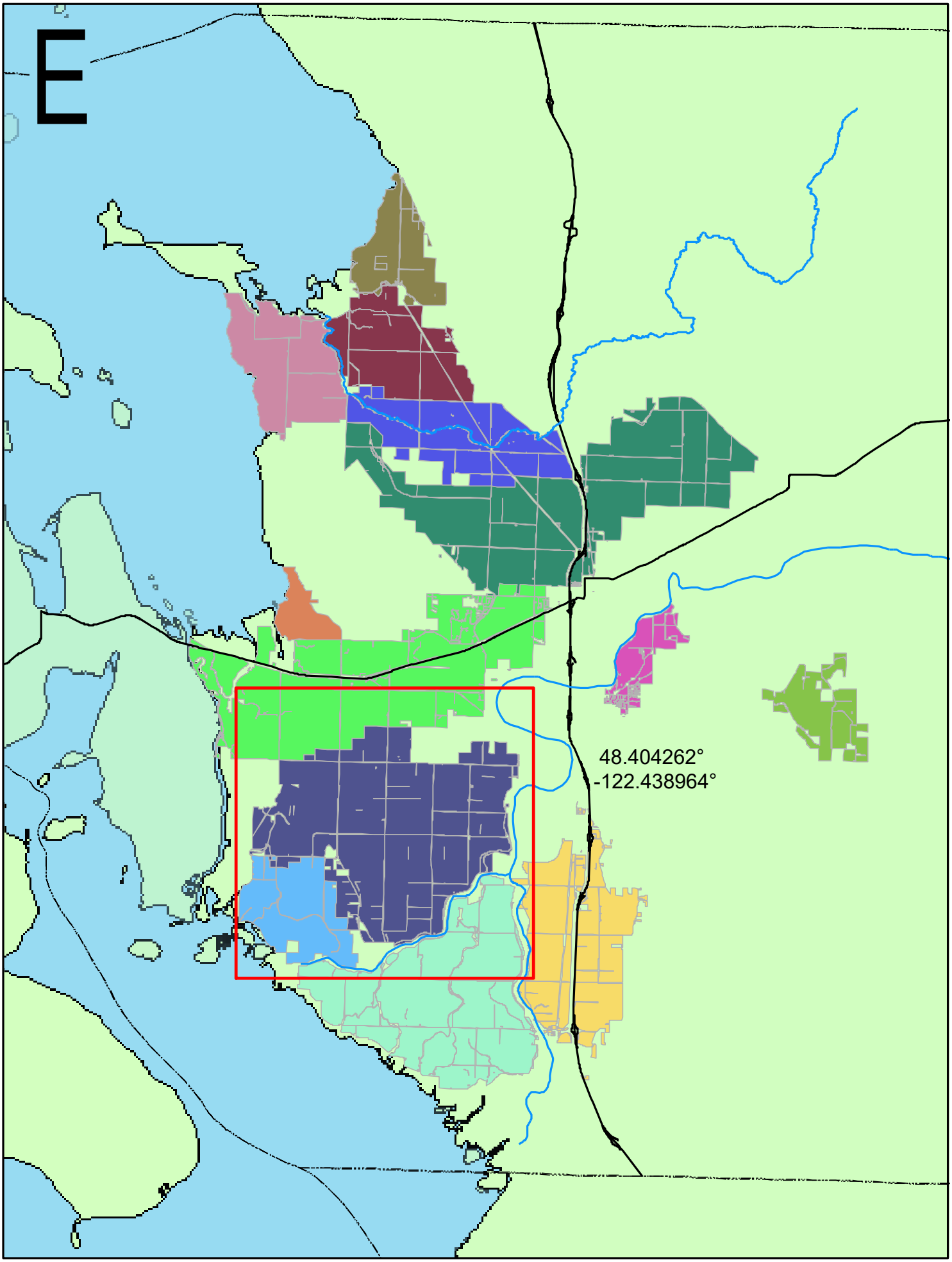
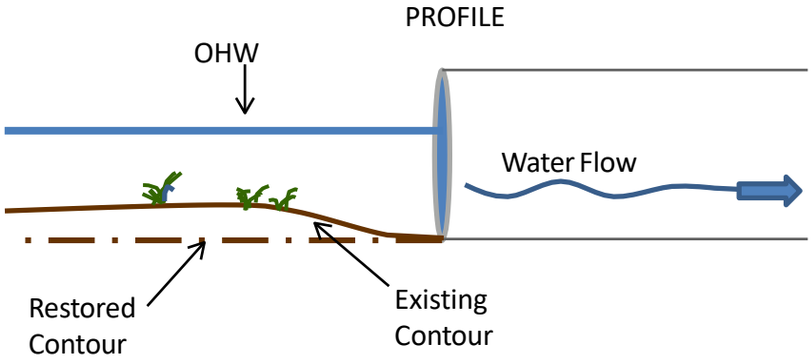
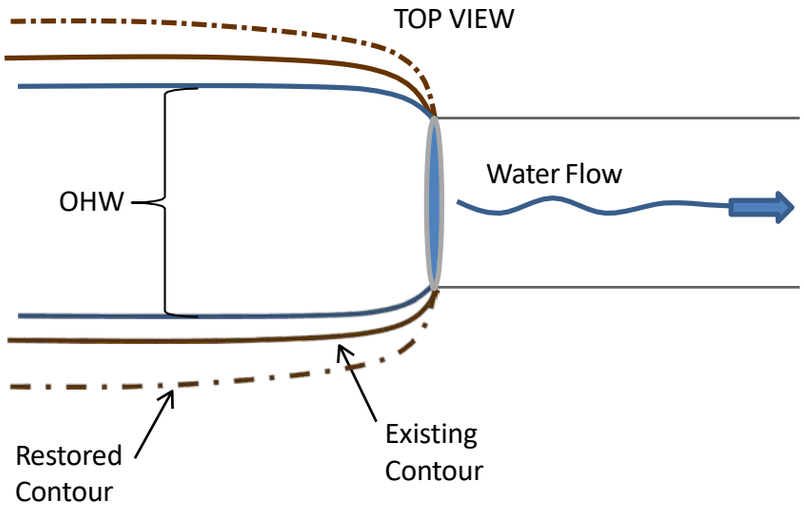


Figure 1: Skagit County Drainage and Irrigation Improvement District #15, Vicinity Map.

Typical Maintenance Dredging

NTS





- Volume of sediment removed will vary depending on rate of sedimentation and time since the last cleaning

- Proposed restored contour matches the original watercourse contour
- OHW varies depending on location

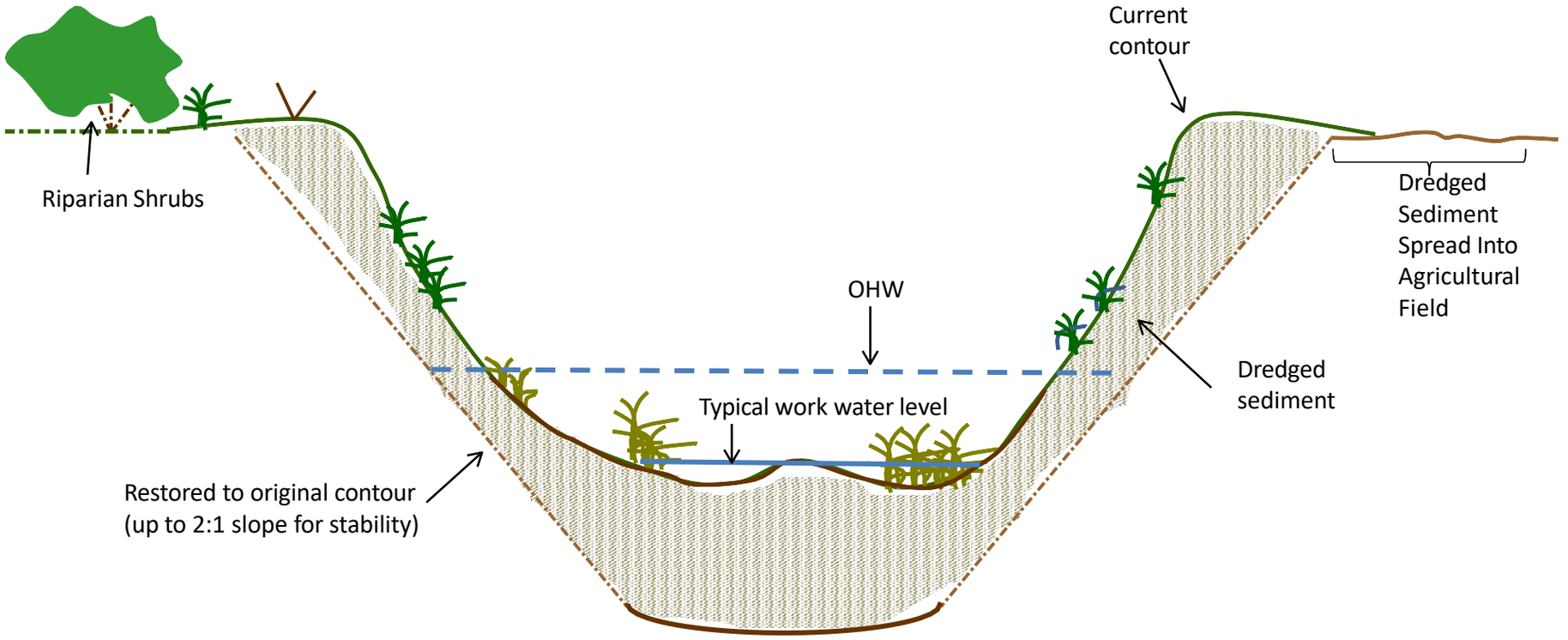
- Sideslopes may be adjusted to a 2:1 slope to stabilize the banks and reduce sloughing and sedimentation in locations where unstable material is encountered

(*refer to diagrams*)

Typical Maintenance Dredging

cross section

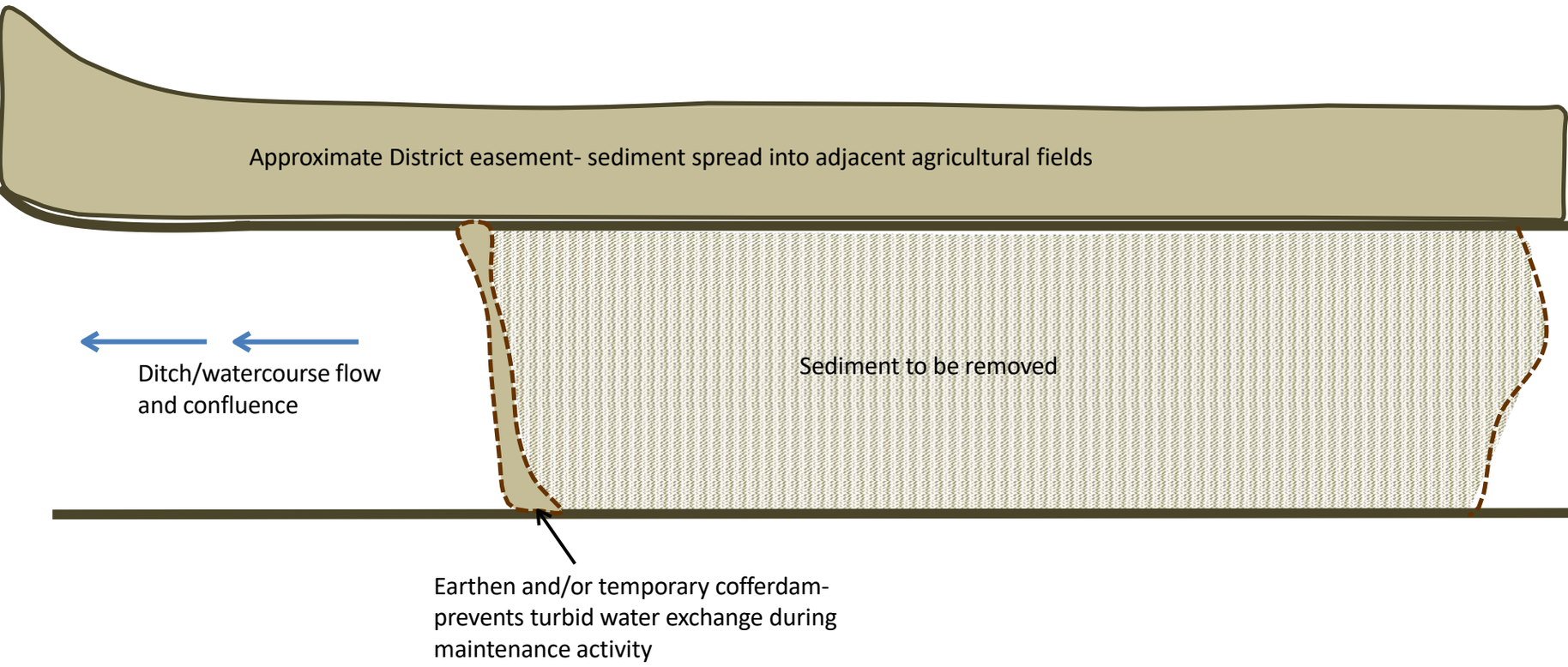
NTS



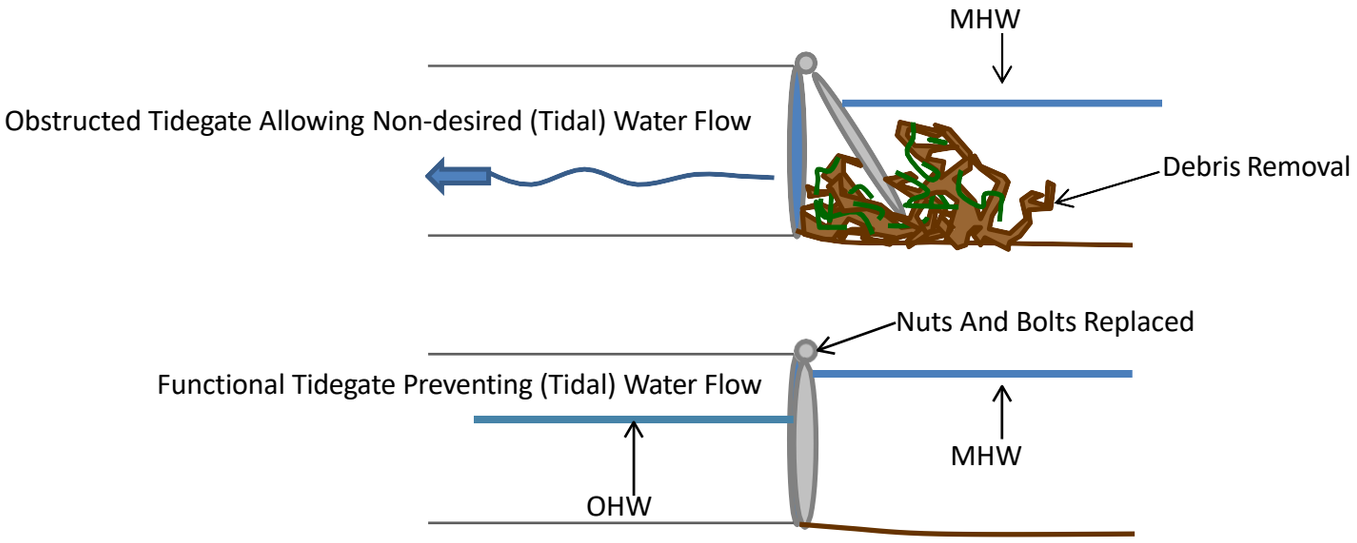
Typical Maintenance Dredging

plan view

NTS



Typical Tidegate Maintenance



Skagit County Drainage and Irrigation Districts Consortium
2017 Continental Pl. Suite 4
Mount Vernon, WA 98273
360.395.2189

July 9, 2020

U.S. Army Corps of Engineers
ATTN: Ron Wilcox
Seattle Regulatory Branch
PO Box 3755
Seattle, Washington 98124-3755

RE: Skagit County Drainage and Irrigation Improvement District 15

Dear Ron,

On behalf of Skagit County Drainage and Irrigation Improvement District 15 (District 15), I am submitting the enclosed permit application for the Section 10 and Section 404 permits. This package includes the documents listed below.

1) Join Aquatic Resources Permit Application (JARPA) Form dated June 1, 2020
    i. SEPA Determination of Non-Significance (dated December 13, 2005)
    ii. Memorandum for the Record: Supplemental Information to Meet Programmatic Requirements (dated February 2009)
    iii. Memorandum for the Record: Supplement Information to Meet Programmatic Requirements – Addendum 1 (dated April 2015)

2) District 15 Drainage Maintenance Plan
    i. Drainage Maintenance Agreement by and between the Washington State Dept. of Fish and Wildlife and District 15
    ii. Addendum A: HPA Provisions and BMPs
    iii. Addendum B: Drainage Maintenance Plan
    iv. Addendum C: WDFW Emergency Approval Contact Protocols
    v. Addendum D: Supplemental Water Quality Guidance
    vi. Addendum E: Hourly Turbidity Monitoring Worksheet
    vii. Addendum F: Notification and Reporting Requirements

I am looking forward to working with you on the re-permitting effort. Please let me know if you have questions or need additional information.

Sincerely,

Jenna Friebel
Executive Director
Skagit County Drainage and Irrigation Districts Consortium