



WASHINGTON STATE DEPT OF
**NATURAL
RESOURCES**

Application for Use of State-Owned Aquatic Lands

Applicant Name: Intermountain Infrastructure Group, LLC
County: Chelan and Douglas County
Water Body: Columbia River
Type of Authorization - Use: Easement – Fiber Optic Cables
Authorization Number: 51-105900
Term: 12 years

Description: This agreement will allow the use of State-owned aquatic lands for the sole purpose of fiber optic cables. It is located in Columbia River, in Chelan and Douglas County, Washington.

Intermountain Infrastructure Group

Authorization No.: 51-105900

Authorized Use : Fiber Optic Cable

Location: Chelan and Douglas County - Columbia River



NAD 1983 HARN StatePlane Washington South FIPS 4602 Feet

Earthstar Geographics, Department of Natural Resources
(DNR), Engineering Division

Vicinity Map

Every attempt was made to use the most accurate and current geographic data available. However, due to multiple sources, scales, and the currency of the data used to develop this map Washington Department of Natural Resources cannot accept responsibility for errors and omissions in the data. Furthermore, this data is not survey grade information and cannot be substituted for an official survey. Therefore, there are no warranties that accompany this material

Legal Description: Lat: 47.376712 Long: -120.199961

Notes: In front of a portion of Sections 19, 20, 21, 28, 27, 26, & 25, Township 22 North, Range 21 East, W.M., Chelan and Douglas Counties, and in front of a portion of Sections 30, 31, & 32, Township 22 North, Range 22 East, W.M., Chelan and Douglas Counties, and in front of a portion of Section 5, Township 21 North, Range 22 East W.M., Chelan County.

Prepared By: JLD
Date: 6/27/2024



WASHINGTON STATE

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

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



US Army Corps of Engineers®
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

Part 1—Project Identification

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

Wenatchee to Crescent Bay Underwater Fiber Cable

Part 2—Applicant

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

2a. Name (Last, First, Middle)

Yount, Jeff

2b. Organization (If applicable)

Intermountain Infrastructure Group, LLC.

2c. Mailing Address (Street or PO Box)

533 Airport Blvd., Suite 400

2d. City, State, Zip

Burlingame, CA 94010

2e. Phone (1)

303.810.4006

2f. Phone (2)

970.444.9943

2g. Fax

2h. E-mail

jeff.yount@intermountainig.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.

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)			
Darren Dofher			
3b. Organization (If applicable)			
Baylink Networks Inc.			
3c. Mailing Address (Street or PO Box)			
1923 McLean Ave			
3d. City, State, Zip			
Port Coquitlam, British Columbia, V3C 1N1			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
604-786-5074			ddofher@baylinknetworks.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 <input checked="" 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]			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
5d. County [help]			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
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) 			
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. 			
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. [\[help\]](#)

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. [\[help\]](#)

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

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

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

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

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

The project consists of the installation of two 1" diameter marine fiber cable into the Columbia River/Reservoir between East Wenatchee and Crescent Bay. The project consists of the installation of two 1" diameter marine fiber cable into the Columbia River/Reservoir between East Wenatchee and Crescent Bay. The function of a Microsoft Data Center would be to house all the servers that support all the cloud-based services that we all use on a daily basis, such as Onedrive, Teams, Office 365, online apps, email etc. These data centers would support 100's of thousands of users, in Washington State and beyond. Data Traffic needs to flow to/from individual users at homes and businesses through the greater internet (generally connected by fiber lines) to data centers such as these. Data also needs to flow directly between data centers to balance capacity and to provide resiliency. I suspect that Microsoft is building a data center in Wenatchee because they are reaching capacity at their data centers in Quincy. The data centers and the fiber lines that connect them are critical infrastructure supporting everyone that uses a phone, television and computer on a daily basis. In this day and age this infrastructure is equal in importance as power, water, roads, sewers, gas lines etc. Jobs are created in building maintaining and operating this infrastructure. Environmental impacts are very low.

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

This project is part of a secure and diverse fiber optic network between Quincy and Wenatchee designed to service high availability data centers in each community. There are 4 diverse fiber networks between the data centers. The 2 proposed marine fiber cables will make up a significant portion of 2 of the 4 routes. The end customer for the network is Microsoft.

The project involves placing 2 1" diameter double armored marine fiber cables into the Columbia River/Reservoir. The 2 cables will be spaced by approximately 164ft (50 meters) and will travel from Crescent Bay to the South West shore of the Columbia River below the Rock Island Dam. The cables land on BLM parcel# T 21N R 22EWM S 04 ALL. The cables come to shore and traverse around the West side of the Dam using a combination of trenching, new aerial construction and existing aerial. The bypass route involves a BLM parcel, 2 Alcoa Parcels and a Chelan County PUD parcel. The cables go back into the water approximately 5038 ft (1536 meters) above the dam at the North West corner of the Chalan PUD parcel. The cables continue up the river to East Wenatchee. One cable lands at a private parcel at address 4096 KNOWLES ROAD (after first crossing a thin Chelan PUD parcel at the waters edge). The other cable proceeds further up river to the Eastern edge of Kirby Bilingsley Hydro Park, which is owned by Chelan PUD.

Through the river/reservoir course the cable will simple lay on the bottom. As the cables come to shore additional armoring will be applied and the cables will travel a short distance on land (trenched in) where they will terminate in a 4'x4'x4' deep concrete telecom vault (flush with grade).

From the concrete cable landing vaults, a terrestrial network will be built to extend the network to its final destination. Baylink is responsible for permitting the terrestrial section from the vault to the nearest road or place of extension.

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"/> 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 type="checkbox"/> Ditch | <input 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 type="checkbox"/> Fence | <input type="checkbox"/> Outfall Structure | <input 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.

The underwater cable will be installed by unreeling the cable off of the back of a cable laying vessel. The cable vessel will drive the designed route. A GPS log will be taken in the event of any deviations in the course (for as-built purposes).

As the cable comes to shore it will transition into a rugged conduit system which will be installed through the transition zone as well as the beach and backshore area. In the backshore area a telecommunications vault (flush with grade) will be placed. The conduit system will be buried in the beach and backshore area using a small excavator.

At the landing sites, a 4'-1/2" wide x 4'-1/2" long x 4' deep road rated concrete telecommunications vault will be installed near the shore. A 2" SDR9 or SRD11 HDPE conduit will be trenched in at a 3ft deep using a chain trencher and/or a small excavator. The trench will extend from the vault to the shore and also beyond (into the river) for approximately 20 meters. In the wave crash area, additional protection will be applied to the HDPE conduit via a 2.5" (ID) articulating ductile iron split pipe. The fibre optic cable will travel through the conduit system then out onto the floor of the river, towards deep water.

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: Oct 01, 2021 End Date: Nov 15, 2021 See JARPA Attachment D

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

\$4.9 million USD

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

There are no wetlands in our project area

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

There are no wetlands in our project area.

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

There are no wetlands in our project area.

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

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

¹ If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.
² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

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

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

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

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

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

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

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

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

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

Not applicable

Construction is scheduled to take place during designated least risk timing windows for work in and around water as established by Chelan, Grant, and Douglas Counties. This will avoid potential impact to fish migrations to and from spawning grounds as well as potential harm to less resilient juvenile fish species.

Construction will be limited to two days per landing site to limit the effects of excess noise and disturbance to terrestrial areas.

Submerged cable lay will follow the shortest route possible so as to avoid unnecessary impact and alteration to the aquatic environment. All cable components are composed of environmentally benign materials that will not harm or leach toxic substances into the waterbody or onto terrestrial areas.

Cables will be slowly lowered onto the riverbed via cable lay vessel and will not require burial once in place. This prevents unnecessary dragging through sensitive aquatic ecosystems where there is potential for sedimentation and removal of aquatic macrophyte beds.

Observance of water quality by an environmental monitor will be conducted during all construction phases to manage any changes in turbidity within the water column. Work stoppage orders may be in place if turbidity levels exceed recommended levels.

Installation via cable lay vessel will only be completed at appropriate depths within the deepest river channels to ensure the cable laying vessel used for installation does not ground on the substrate and potentially cause increases in turbidity. Water depth will be monitored closely with appropriate depth finding instruments to ensure cable laying vessels do not ground and propellers do not scour substrate.

Environmental assessments will take place prior to any construction activities to document the presence of any sensitive or endangered plant or wildlife species. Cable routes may be altered to avoid any such areas.

Trenching and the use of excavating equipment will occur only in dry areas above the high-water mark to prevent the introduction of sediment or sediment laden runoff into the nearby water column. Erosion and sediment control measures will include the diversion of surface waters coming into the work area and collection of surface water leaving the work area using methods such as berms, ditches, sandbags, and silt fencing. These systems will be continuously inspected and maintained during the duration of construction activities. No sediment laden water from the terrestrial work areas should enter the aquatic environment or any nearby watercourses. Other control materials including polyethylene plastic, silt fencing, tarps, and straw mulch will be available onsite for use as prescribed by the EM to reduce erosion and sediment transport and for use during emergency unexpected weather changes.

All equipment entering aquatic or riparian zones will be inspected prior to use for evidence of plant debris or sediment to avoid the introduction of invasive species into new areas.

Post construction restoration efforts within backfilled or disturbed areas in terrestrial zones will consist of reseeded with a suitable reclamation seed mix approved by the property owner and covering with straw (or equivalent erosion control matting). Seeding should be scheduled to allow establishment before the end of the growing season. This will also prevent the potential for erosion on unstable riverbank.

In the event of a release of a hazardous substance, the spill response plan provided in Appendix B of the environmental mitigation plan will be followed. Each piece of equipment will be supplied with a small spill response kit and each active work front (ie. landing site, cable laying vessel) will have a large spill response kit housed in a sealed container readily available.

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. [\[help\]](#)

The environmental mitigation plan was designed to prevent unnecessary or accidental damage and disturbance to the natural environment surrounding Project areas. This includes both sensitive aquatic zones within the Columbia River as well as the terrestrial riparian zones encompassing cable landing vaults. It is also meant to establish a baseline framework to mitigate and lessen any potential foreseen impacts that may be incurred as a result of the development of this Project.

This mitigation plan defines the precise Project boundaries in which environmental mitigation strategies will be implemented with the use of UTM coordinates, photographs, and geographic landmarks within the vicinity of construction activities. An approximate schedule of construction phases is also provided to establish timelines for use of this mitigation plan as well as the mitigation steps required for each phase.

The EMP consolidates assessment data from pre-construction environmental conditions, outlines priority areas designated for environmental protection through use of mitigation strategies and describes these strategies.

The involvement and knowledge of all stakeholders and parties associated with the construction of this Project will be utilized throughout the construction, operation, and decommissioning phases. This knowledge has been incorporated into mitigation strategies initiated by the EMP.

A baseline framework for strategic environmental monitoring during construction has been determined by qualified environmental professionals. These monitoring requirements support both environmental and watershed specific goals and objectives outlined for the protection of the natural status surrounding Project work zones. Scientific information and data gathered during all development phases, as outlined within the environmental assessment section of the EMP, will be utilized for future decision making in terms of identifying priorities and goals to support the protection of aquatic and riparian zone initiatives.

Alterations to best management practices and strategies will be considered throughout Project development and will be made accordingly through consultation with all stakeholders and qualified professionals. The collaboration of all team members reduces the possibility of error in watershed management as well as increases potential resources management options. The integration of efforts from all parties also supports the overall goals and objectives of this Project.

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
Terrestrial excavation, vault burial, and submerged aquatic cable installation to	Columbia River	Wenatchee R3 (10T.708140.5251257) to R3 Rock Island Dam North (10T.718300.5247768)	2 Days	7.67 yd ³	37,900 ft

R3 Rock Island Dam North					
Terrestrial excavation, vault burial, and submerged aquatic cable installation to R5 Rock Island Dam North	Columbia River	Wenatchee R5 (10T.709746.5251209) to R5 Rock Island Dam North (10T.718264.5247745)	2 Days	6.67 yd ³	32,983 ft
Terrestrial excavation, vault burial, and submerged aquatic cable installation to R3 Quincy	Columbia River	Rock Island Dam South R3 (10T.720097.5246502) to R3 Quincy (11T.272991.5234063)	2 Days	12.61 yd ³	62,339 ft
Terrestrial excavation, vault burial, and submerged aquatic cable installation to R5 Quincy	Columbia River	Rock Island Dam South R5 (10T.720096.5246558) to R5 Quincy (10T.726912.5234255)	2 Days	11.75 yd ³	58,811 ft

¹ If no official name for the waterbody exists, create a unique name (such as "Stream 1") The name should be consistent with other documents provided.

² Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.

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

8f. For all activities identified in 8e, describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [\[help\]](#)

No fill material will be placed within the waterbody. Environmentally benign 288 count fiber optic cables will be placed along the riverbed at the locations described in section 8e. Cables used within the river channel are jacketed with high density polyethylene (HDPE). A transitional SDR9 or SDR11 HDPE conduit will be utilized to enclose the cable when progressing from the riverbed to the terrestrial riverbanks. Iron split pipe may also be incorporated in areas of rough terrain to further protect cables from damage.

Cables within the Columbia River will be placed following the deepest river channels via cable lay vessel. The total amount of cable used for this Project sums to approximately 38.70 yd³.

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. [\[help\]](#)

Excavation will take place within the terrestrial riparian zone only, above the high-water mark. A mini excavator will be used in areas with flat, lightly vegetated terrain to establish subsurface trenches for the fiber optic cable as well as to excavate accommodations to install below ground concrete cable landing vaults. In areas where the terrain is too rough, or to prevent the unnecessary removal of vegetation, excavation may also be completed using hand tools to protect the natural environment.

At each terrestrial landing location, a mixture of sediment and possibly low-lying vegetation will be removed and placed adjacent to the work site within a 9.84 ft buffer zone. This material will later be used as backfill to recontour and restore excavated areas. Any waste material will be collected and disposed of at an approved soil recycling facility in the area.

To accommodate for the terrestrial landing vault, an approximate 2.369 yd³ of material will be excavated at each landing site.

Amount of material removed during cable trench excavation from the shoreline to the landing vault at each Project site are described below:

R3 Cable at Wenatchee: 4.98 yd³

R5 Cable at Wenatchee: 25.11 yd³

R3 Cable at Rock Island Dam North: 6.93 yd³

R5 Cable at Rock Island Dam North: 11.15 yd³

R3 Cable at Rock Island Dam South: 23.84 yd³

R5 Cable at Rock Island Dam South: 30.55 yd³

R3 Cable at Quincy: 17.18 yd³

R5 Cable at Quincy: 24.28 yd³

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
Grant County PUD	Ross Hendrick	509.793.1468 EXT 2468	03/01/2021
Chelan County PUD	Vicki Griffin	509.661.4240	03/08/2021

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.

Columbia River

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

- Go to <https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up> to find the WRIA #.

You are in the Alkali - Squilchuck watershed - Water Resource Inventory Area (WRIA) 40.

You are in the Moses Coulee watershed - Water Resource Inventory Area (WRIA) 44.

You are in the Lower Crab watershed - Water Resource Inventory Area (WRIA) 41.

<p>9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]</p> <ul style="list-style-type: none"> Go to https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria for the standards.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable</p>
<p>9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help]</p> <ul style="list-style-type: none"> 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.
<p><input type="checkbox"/> Urban <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input type="checkbox"/> Other: _____</p>
<p>9g. What is the Washington Department of Natural Resources Water Type? [help]</p> <ul style="list-style-type: none"> Go to http://www.dnr.wa.gov/forest-practices-water-typing for the Forest Practices Water Typing System.
<p><input checked="" type="checkbox"/> Shoreline <input type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal</p>
<p>9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help]</p> <ul style="list-style-type: none"> If No, provide the name of the manual your project is designed to meet.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Name of manual: _____</p>
<p>9i. Does the project site have known contaminated sediment? [help]</p> <ul style="list-style-type: none"> If Yes, please describe below.
<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>9j. If you know what the property was used for in the past, describe below. [help]</p>
<p>Please see attached "Table for JARPA Section 5"</p>
<p>9k. Has a cultural resource (archaeological) survey been performed on the project area? [help]</p> <ul style="list-style-type: none"> If Yes, attach it to your JARPA package.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>

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. [\[help\]](#)

Bull Trout (*Salvelinus confluentus*) – Threatened

Columbia Basin Pygmy Rabbit (*Brachylagus idahoensis*) – Endangered

Grizzly Bear (*Ursus arctos horribilis*) - 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. [\[help\]](#)

The Priority Habitat and Species list for Chelan, Douglas, and Grant Counties were used to identify potential interactions between Project work and sensitive ecosystems and species.

Priority habitats that will be affected include:

- Shrub-steppe
- Riparian
- Snags and logs
- Fresh deep water

Priority fish species include:

- Pacific lamprey
- white sturgeon
- leopard dace
- Umatilla dace
- mountain sucker
- bull trout
- Dolly Varden
- Chinook Salmon
- Kokanee
- Coho Salmon
- Steelhead
- Sockeye Salmon
- Westslope cutthroat trout

Priority bird species include:

- cavity nesting ducks – wood duck, Barrow's golden-eye, common golden-eye, bufflehead, hooded merganser
- waterfowl concentrations
- ferruginous hawk
- golden eagle
- prairie falcon
- chukar
- ring-necked pheasant
- greater sage grouse
- pileated woodpecker
- mountain quail
- sooty grouse
- dusky grouse
- American white pelican
- Clark's grebe
- common loon
- western grebe
- E WA breeding concentrations of grebe and cormorant
- E WA breeding concentrations: terns
- E WA breeding occurrences of phalaropes, stilts, avocets,
- burrowing owl
- yellow billed cuckoo
- loggerhead shrike
- sagebrush sparrow
- flammulated owl

Priority mammal species include:

- roosting concentrations of big brown bat, myotis bat, pallid bat
- Townsend's big eared bat
- black tailed jack rabbit

- white tailed jack rabbit
- Washington ground squirrel
- elk
- mule deer
- northwest white-tailed deer
- gray wolf
- grizzly bear
- lynx

Priority invertebrate species include:

- California floater
- giant Palouse earthworm

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)

Intermountain Infrastructure Group, LLC

Applicant Printed Name

Applicant Signature

April 12, 2021

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.

DARREN DOFHER

Authorized Agent Printed Name

Authorized Agent Signature

APRIL 14, 2021

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