



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) [\[help\]](#)

Angle Lake Park Waterfront Improvements

Part 2–Applicant

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

2a. Name (Last, First, Middle)

Michael Fitzpatrick

2b. Organization (If applicable)

City of SeaTac

2c. Mailing Address (Street or PO Box)

4800 South 188th Street

2d. City, State, Zip

SeaTac, WA 98188

2e. Phone (1)

2f. Phone (2)

2g. Fax

2h. E-mail

(206) 973-4671

mfitzpatrick@seatacwa.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.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

²To access an online JARPA form with [\[help\]](#) screens, go to

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

Part 3—Authorized Agent or Contact

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

3a. Name (Last, First, Middle)			
Ertl, Sasha			
3b. Organization (If applicable)			
Farallon Consulting, L.L.C. dba Grette Associates			
3c. Mailing Address (Street or PO Box)			
2709 Jahn Ave NW, Suite H5			
3d. City, State, Zip			
Gig Harbor, WA 98335			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
(253) 573-9300		(253) 573-9321	sashae@gretteassociates.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)			
N/A			
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 type="checkbox"/> Private			
<input type="checkbox"/> Federal			
<input checked="" type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.)			
<input type="checkbox"/> Tribal			
<input checked="" 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]			
19408 International Blvd.			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
SeaTac, WA 98188			
5d. County [help]			
King			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NW	03/04	22N	04W
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)			
47.427714 N lat. / -122.292467 W long.			
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.			
0422049002			
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)
Alaska Airlines Inc.	19300 Pacific Hwy S	SeaTac, WA 98188	0422049080
Thomas Christopher E-Truste	3203 S 194 th St.	SeaTac, WA 98188	7844200425
Vuong, Kimberly H. & Jimmy D.	19550 International Blvd.	SeaTac, WA 98188	0422049272
Angle Lake Plaza LLC	19518 International Blvd.	SeaTac, WA 98188	0422049123

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

There are two small lake fringe wetlands on the subject parcel: one approximately 1,100 SF wetland with emergent, scrub-shrub, and forested elements along the northern edge of the parcel (Wetland A); and an approximately 1,200 SF emergent/scrub-shrub wetland between the existing perpendicular pier/ramp/float systems (Wetland B). There are two additional lake fringe wetlands off-site within 300 feet of the project area. One large (approximately 10,400 SF) aquatic bed/emergent/scrub-shrub/forested wetland is immediately south of the project area (Wetland C). Aquatic plants appear to grow around a dock associated with tax parcel 7844200420. An additional smaller (approximately 2,000 SF) aquatic bed/emergent feature is about 85 feet east of the project area (Wetland D). All wetlands were rated as Category III using Ecology's Wetland Rating System for Western Washington – Revised (2023). Wetlands A and C had a habitat score of 6, and Wetlands B and D had a habitat score of 5. According to SeaTac Municipal Code (SMC) 15.700.285, Category III wetlands with a habitat score of 5 have a base buffer of 105 feet, and those with a habitat score of 6 have a base buffer of 165 feet.

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

Angle Lake

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. [\[help\]](#)

UPLAND: The property is a park with grass lawns, paved and gravel walkways, and a freshwater shoreline with an unvegetated, sandy beach. Concrete steps that span the width of the beach provide access to Angle Lake. In addition to the manicured grass lawns, vegetation on site primarily includes conifers (e.g., western red cedar, Douglas fir, western hemlock), and deciduous trees (e.g., maples). Assorted grasses and shrubs also occur on site. A patch of Himalayan blackberry is present on the northeastern most corner of the beach, which the current project proposes to remove.

AQUATIC/WETLAND: The property contains two small lake-fringe wetlands along the shore: one on the northernmost edge of the lakeshore extending onto the neighboring property, and one between the two pier-ramp-float systems. The northern wetland is dominated by mature willow and soft rush, with one black cottonwood providing a canopy to much of the wetland. The wetland between the two pier-ramp-float systems is dominated by willow, soft rush, and reed canary grass. The woody vegetation in this wetland has been trimmed to about 4 feet to increase visibility. Both wetlands have extensive amounts of litter.

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

The property is recreationally used as a public park, which also includes swimming/beach access to the lake, a boat launch, and a boat/fishing dock.

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

The adjacent properties are primarily commercial/business office buildings and residential single-family homes. Angle Lake Nature Trail extends along the western shore of the lake, with the trail originating near the Angle Lake Park boat launch and running south.

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

The current property is a developed 8.93-acre lot with a single story 4,144 SF building used for restrooms, a wood framed, 6,400 SF picnic shelter, three other picnic shelters, a lifeguard building, a performance stage, a spray park, and a playground. All appear to be in good condition.

The Park also has a boat launch associated pier/ramp/float system and a floating dock used for moorage and fishing. With the exception of the boat launch boarding float, all of these structures are beyond their useful life, and are in need of replacement.

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

From I-5, take exit 151 for Military Rd. toward S 200th St. for 0.1mi., then turn left onto Military Rd. S. In 0.3 mi. turn left onto S 200th St., then in 0.4 mi. turn right onto International Blvd/Pacific Hwy S. Continue on International Blvd/Pacific Hwy S for 0.4 mi., then turn right onto S 195th St. In 226 feet take a left and Angle Lake Park will be on the left.

Part 6–Project Description

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

The proposed project consists of conducting work below and above the Ordinary High Water (OHW) line for the purpose of replacing select portions of the existing waterfront park facility and installing new components at Angle Lake Park in the City of SeaTac, WA. The replacement and new structures will be designed to make the facility more accessible and improve public safety for swimmers.

The City of SeaTac (City) is proposing to replace the existing floating dock, connecting pier, gangways, and boat launch and to install a new ADA-accessible kayak access float, swim ramp and access swim stairs, and replenish scoured beach material in the nearshore.

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

Angle Lake Park provides recreational opportunities for the public in the forms of swimming, fishing, and boating. The existing floating dock, connecting pier, and boat ramp are beyond their useful life, and are in need of replacement. Further, after two recent fatalities, the City is committed to improving public safety at the facility. Safety concerns with the existing conditions at the site include:

- The pier and floating docks do not include guardrails.
- The finger float extends into the swimming area, so swimmers waterward of the finger float have to swim around the float to get to water shallow enough to stand in (see JARPA Sheet 2).
- The lower beach area below the concrete stairs has been eroded away, resulting in a large step for swimmers to get in and out of the lake (see photo; note: the photo shows the water at low water; during the summer, the water is at the elevation of the red line).
- There has been significant scour that is starting to undermine the existing concrete stairs. This will eventually cause the stairs to slide further into the lake (see photo).
- There is no ADA access to the lake.



The City proposes to remove the existing floating dock, connecting pier, boat ramp, and associated gangways, and replace them with ADA-accessible, environmentally updated facilities. For safety, swimmer-accessibility, and fisher accessibility, the proposed fishing pier will be reconfigured to relocate the finger in deeper water at the outer edge of the swim area. The pier will be elevated and will include aluminum guardrails, including sections with lower rails for ADA accessibility.

In the swimming access area, three (3) aluminum access swim stairs with handrails will be added that descend from the concrete stairs into the water. Additional railings and fencing will be installed to focus swimmers to the access stairs. Additionally, an elevated aluminum ramp with handrails will be added at the east end of the concrete stairs that extends approximately 109 feet into the water to allow for ADA access to the swim area.

The boat ramp will be a combination of pre-cast (below Ordinary High Water [OHW]) and cast-in-place (CIP; above OHW) concrete in the same size and configuration as the existing ramp. Scour protection will be added to the perimeter of the boat ramp to prevent erosion. The concrete abutment and gangway to the boarding floats will be replaced with aluminum floats. The existing boarding floats will not be replaced, but will remain in nearly the same configuration as existing.

Finally, the proposed improvements will result in improvements to the aquatic habitat provided by Angle Lake. Nineteen (19) creosote-treated timber pile will be removed from the lake, solid overwater structure, including floats, will be converted to grated elevated structure, and a solid overwater pier that abuts a wetland will be removed and relocated to the uplands to remove that impact.

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

- | | | | | |
|---|--|--|---|--|
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Residential | <input type="checkbox"/> Institutional | <input type="checkbox"/> Transportation | <input checked="" type="checkbox"/> Recreational |
| <input checked="" type="checkbox"/> Maintenance | <input type="checkbox"/> 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 checked="" type="checkbox"/> Boat Launch <input type="checkbox"/> Boat Lift <input type="checkbox"/> Bridge <input type="checkbox"/> Bulkhead <input type="checkbox"/> Buoy <input type="checkbox"/> Channel Modification	<input type="checkbox"/> Culvert <input type="checkbox"/> Dam / Weir <input type="checkbox"/> Dike / Levee / Jetty <input type="checkbox"/> Ditch <input checked="" type="checkbox"/> Dock / Pier <input type="checkbox"/> Dredging <input type="checkbox"/> Fence <input type="checkbox"/> Ferry Terminal <input type="checkbox"/> Fishway	<input checked="" 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 checked="" type="checkbox"/> Piling/Dolphin <input type="checkbox"/> Raft	<input type="checkbox"/> Retaining Wall (upland) <input type="checkbox"/> Road <input type="checkbox"/> Scientific Measurement Device <input checked="" type="checkbox"/> Stairs <input type="checkbox"/> Stormwater facility <input type="checkbox"/> Swimming Pool <input type="checkbox"/> Utility Line
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☒ Other: Beach Maintenance Fill; ADA access ramp

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.

Demolition and Excavation

Selective demolition of the existing elements will occur above and below OHW and primarily be conducted by crane barge and excavator on shore. The timber piles will be removed by crane and placed on the deck of the barge temporarily until they are placed on a truck bed for offsite disposal. The concrete floats will be floated to the boat ramp and lifted onto a truck bed. The concrete piers will be removed by an excavator on shore and placed on a truck bed. Debris booms, and other best management practices (BMPs) will be used as required to protect water quality in accordance with applicable regulatory criteria and thresholds. All items listed above will be placed on a truck bed, transported offsite, and disposed of at an approved upland facility.

Piles

Existing creosote-treated timber and galvanized steel piles at the landward edge of the facility will be extracted by pulling with a crane or potentially a vibratory extractor from shore. Due to water levels at the project site, a floating barge will be used to extract the piles at the waterward edge of the float system. A debris boom will be installed around the perimeter of the work area in order to contain any floating debris produced during the demolition and new construction work. A silt curtain will be utilized, if necessary, to meet water quality requirements based on the results of water quality monitoring work conducted throughout the duration of construction.

Full-length extraction of existing creosote timber piling will be attempted during demolition. If, during extraction, a pile breaks and can no longer be extracted by crane, the pile stub will be cut approximately one to two feet below the mudline. Demolished creosote treated timber piling will be disposed of at an approved offsite facility. Washington Department of Natural Resources BMPs for Pile Removal and Disposal (2017) will be followed during pile extraction.

Floating Dock

The existing concrete floating dock used for water access and fishing will be removed and demolished offsite. The concrete floating dock consists of reinforced concrete with a foam interior and timber walers. The dock will be disassembled into individual float sections and then will be floated over to the boat ramp and removed for disposal at an approved offsite upland facility.

Connecting Pier and Boat Ramp

Demolition and excavation will consist of full depth removal of the existing connecting concrete pier, the concrete platform connecting to the boarding floats, and the existing boat ramp, which consists of asphalt and precast concrete panel elements. Full-depth extraction of existing concrete, subgrade materials and the existing substructure for the precast concrete panels will be removed during the demolition. Demolition will be performed from upland areas using a long-reach hydraulic excavator. The excavator will place the material into a temporary stockpile in the uplands prior to loading into trucks for offsite disposal. Filter berms and a silt fence will be used to limit runoff from offloaded material. While excavating, a turbidity curtain may be placed around the perimeter of the work area if needed for compliance with water quality mixing zone requirements. BMPs and water quality protection measures will be implemented for conformance with the permit requirements with conservation measures outlined below:

- Operations will be conducted in such a manner as to limit disturbance to the minimum required to complete the work.
- Turbidity and other water quality parameters will be monitored to ensure construction activities are in conformance with Washington State Surface Water Quality Standards, or other conditions as specified in the WDOE Section 401 Water Quality Certification (WQC). The Contractor will observe turbidity during structural excavation operations in order to ensure compliance with WQC requirements.

Appropriate BMPs will be employed to minimize sediment loss and turbidity generation during structural excavation, re-handling, dewatering, and material processing.

The Contractor will be responsible for the preparation of a Spill, Prevention, Control, and Countermeasure (SPCC) Plan to be used for the duration of the project. The SPCC Plan will be submitted to and approved by the project engineer prior to the commencement of construction activities. A copy of the SPCC Plan, with any updates, will be maintained at the work site by the Contractor. The SPCC Plan will provide advanced planning for potential spill sources and hazardous materials (gasoline, oils, chemicals, etc.) that the Contractor may encounter or utilizes as part of conducting the work. The SPCC plan will outline roles and responsibilities, notifications, inspection, and response protocols.

Excavation

Minor structural excavation, and possibly grading work, would be performed prior to placing foundation materials for the new concrete abutment, new concrete path and ADA concrete ramp. All structural excavation and grading work for the new concrete abutment, new concrete path and ADA concrete ramp will take place above OHW. All structural excavation work will be conducted utilizing hand tools and possibly a small backhoe. The excavator will place the material into a temporary stockpile in the uplands prior to loading onto a truck for offsite disposal or possibly placed in an approved upland location. Filter berms and a silt fence would be used to limit runoff from offloaded material. While excavating, the Contractor will be responsible to submit and follow an accepted Temporary Erosion and Sediment Control (TESC) plan based on best management practices (BMPs). BMPs and water quality protection measures that will be implemented for conformance with the permit requirements and conservation measures are outlined below:

- Operations will be conducted in such a manner as to limit disturbance to the minimum required to complete the work.
- Turbidity and other water quality parameters will be monitored to ensure construction activities are in conformance with Washington State Surface Water Quality Standards, or other conditions as specified in the WDOE Section 401 Water Quality Certification (WQC). The Contractor will observe turbidity during structural excavation operations in order to ensure compliance with WQC requirements. Appropriate BMPs will be employed to minimize sediment loss and turbidity generation during structural excavation, re-handling, dewatering, and material processing.

Steel Fencing

The chain link fencing extending into the lake along the north parcel boundary will be removed.

Invasive Vegetation Removal

A large patch of Himalayan blackberry will be removed from the beach area at the north end of the project area. The cottonwood tree adjacent to the blackberry will be retained.

Replacement and New Structures

Installation of the new waterfront park facility elements will commence following the demolition and excavation of the existing facility. The new facility is larger than the existing as the ADA swim ramp, stairs, and kayak float have been added to improve accessibility and public safety.

Piles

New 12.75-inch galvanized steel pipe piles will be installed to provide lateral and axial support for the pier, walkways, platforms, swim ramp and boarding floats. Pile installation will be performed by vibratory hammer. All float piles will have fiberglass bird caps installed.

Driving of the pile will require the use of a vibratory hammer. The estimated time to install each pile with a vibratory hammer will be typically 45 minutes based on the dense sand observed by the geotechnical engineer. Proof loading will be required for piles supporting the pier and walkways. It is assumed that an impact hammer will be used to proof load piles that will vertically support structures and must achieve a minimum of 250 blows/pile for the last 5 ft of embedment.

Piers

New aluminum walkways with aluminum guardrails will be installed on the top of the galvanized steel substructures. The walkways will be ADA accessible. The entire deck surface of all gangways and walkways will be covered with an ADA-compliant fiber-reinforced polymer grating with a minimum 60% open area. Approximately 50% of the entire deck will be functional grating.

Concrete Path

A new concrete path will be installed in the uplands to replace the existing overwater connecting pier that provides access between the swim area and the boat ramp. The new concrete path will include some excavation and compacted subgrade to support the path. The relocation of the connecting path to the uplands is intended to offset impacts of the new over- and in-water structures and the placement of beach replenishment material. The existing connecting pier runs over/adjacent to Wetland B. Relocating the pier to the uplands will avail aquatic area for the wetland vegetation.

Boat Ramp

The centerline of the proposed boat ramp will be similar to the existing alignment. The replacement boat ramp will match the existing slope (15%). The elevation at the end of the proposed boat ramp will match the existing elevation (EL +354 feet). The total width of the ramp will be 31 feet, which will include 20 feet in the center for the new boat ramp, one 8-foot wide float on the north side and 3-feet of scour protection on south side. Before installation of a 12-inch thick subgrade with crushed aggregate base material, new geotextile fabric will be installed to cover the area of the proposed boat ramp. Steel rails will be installed at the lower area for the installation and support of the proposed precast concrete panels in the lake level zone.

8-inch thick precast concrete panels will be installed on-grade at the lower slope areas and an 8-inch thick cast-in-place (CIP) concrete slab will be installed within the upper slope areas. Delineation between the CIP and precast areas will be determined during engineering design and be based on water elevations. The precast concrete segments will utilize a steel frame rail system to aid in installation of below-water portions of the ramp without any need for dewatering. An articulated concrete block mat will be used on the north side of the concrete ramp beneath the boarding floats. BMPs regarding casting concrete near water will be implemented to protect the aquatic environment. If water levels are high during construction, the concrete slab will be isolated from the water using sandbags, super sacks, or similar methods and then be dewatered. No CIP concrete is anticipated below OHW. A debris boom will be installed around the wetted perimeter of the boat ramp work area in order to contain any floating debris produced during the demolition and construction work. A silt curtain will be utilized, if necessary, to meet water quality requirements based on the results of water quality monitoring work conducted throughout the duration of construction.

A reinforced concrete abutment will be cast-in-place above the water zone to minimize exposure of concrete to water. The new abutment will be tied into the new boat ramp via epoxied steel dowels installed into drilled holes of the boat ramp where the new abutment will be connected.

Scour protection utilizing 3 feet of riprap will be constructed along the south side of the boat ramp to protect from external water-generated forces (waves, boat wake and prop wash) from eroding and undermining the structure. At the lower end of the ramp, a 5-foot wide riprap barrier will be installed across the whole width of the ramp to resist scour from prop wash. Riprap is typically placed on a layer of geotextile fabric to minimize erosion and to keep fines from being washed out through the openings of the riprap. Class 700 is the minimum size riprap recommended at the ramp toe, while 4 inch to 8 inch rock will likely be used along the sides of the boat ramp.

Boarding Float Additions

Two (2) new 8-foot wide by 19-foot long boarding floats will be installed along the north side of the concrete boat ramp to replace the gangways and a portion of the concrete abutment. The landward float will ground out on the boat ramp on the articulated concrete mats. The boarding floats will be comprised of aluminum tube frames and thick-walled, foam-filled High Density Polyethylene (EPS HDPE) flotation tubs. The top deck surface of the floats will be fiberglass grated decking meeting ADA requirements and 60% net open area requirements. All floats will have approximately 20- to 25% functional grating.

ADA Swim Ramp

The new ADA swim ramp will consist of a concrete ramp portion connected to the existing concrete path and then connected to an elevated aluminum ramp walkway into the water. The new elevated aluminum ADA ramp with aluminum guardrails will be installed on the top of the galvanized steel substructures to create ADA accessible in water swim access. The entire deck surface of all elevated walkways will be covered with an ADA-compliant fiber-reinforced polymer grating with a minimum 60% open area. Approximately 50% of the entire deck be functional grating. Some localized excavation maybe needed to install piles and install connections for the elevated structure.

Access Swim Stairs

The new access stairs will be installed in three locations to provide access to the swim area from the existing concrete stairs. There has been erosion at the base of the existing concrete steps which has decreased access and safety getting in and out of the water. The new stairs will be made of prefabricated aluminum framing attached to the existing concrete stairs. Additional railings and fencing will be installed to focus swimmers to the stairs.

Kayak Access Float

A 12-foot wide by 18-foot long kayak access float will be installed along the north side of the existing floats at the boat ramp to provide ADA kayak launch access. The float will be connected and supported by the existing piling. The float will be made of polyethylene flotation tubs.

Beach Replenishment

The sand area in front of the existing concrete stairs used by swimmers to access the water has scoured over time due to wave action. As part of this project, sand material will be placed in this location to improve public safety and reduce the height to the first concrete stair. The sand gradation will be sized to be barefoot friendly and slow down future scour due to dynamic water conditions at the concrete stair interface. Beach replenishment will also be placed where the blackberries are removed to soften the beach and support the adjacent swim access and kayak launch.

Vegetation Restoration Area

At the location of the demolished connecting pier, the elevated structure over the vegetated shoreline will be removed and will allow for expansion of the current shoreline vegetation area. This was provided to the project as mitigation to offset the proposed new ADA swim ramp and the placement of beach replenishment material.

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: November 2025

End Date: December 2026

☐ See JARPA Attachment D

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

\$3,500,000 - \$4,000,000

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]
<input type="checkbox"/> Not applicable
<p>The only project component that will occur within Wetland A is to remove the steel fence that runs along the property boundary. The fence removal may result in temporary disturbance to the wetland vegetation but will result in an improvement to conditions for wetland vegetation in the long-term.</p> <p>The pier that connects the boat ramp to the fishing pier currently overhangs Wetland B. The project has been designed to relocate the connecting pier to the uplands, thus removing the impact of overwater coverage and availing aquatic habitat for the wetland.</p> <p>BMPs will be closely followed during construction to ensure minimal impacts to the wetlands during construction. Work will be completed from the uplands to avoid the wetlands.</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]
<ul style="list-style-type: none"> 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.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know
<p>The project may result in temporary disturbance from construction activities, but this is not anticipated. Work to remove the concrete connecting pier will be conducted from the uplands in order to avoid temporary disturbance to the wetland. The project will result in increased aquatic area adjacent to the existing Wetland B.</p>
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. [\[help\]](#)

No fill will be placed in the wetland.

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. [\[help\]](#)

No excavation is anticipated within the wetlands.

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 proposed project includes demolition and excavation of the existing facility and installation of new components below and above OHW. The new proposed facility will result in more in- and overwater coverage to improve accessibility (including ADA-accessibility) and public safety, but the aged facilities will be replaced with new, environmentally-friendly components. Decking will be grated for increased light penetration. Since the project area is not within the 100-year floodplain, no activities will be completed within the 100-year floodplain. The following is proposed to avoid and minimize adverse impacts to the aquatic environment:

During all demolition, excavation, and installation activities, BMPs and water quality protection measures will be implemented for conformance with the permit requirements with conservation measures outlined below:

- Operations will be conducted in such a manner as to limit disturbance to the minimum required to complete the work.
- Turbidity and other water quality parameters will be monitored to ensure construction activities are in conformance with Washington State Surface Water Quality Standards, or other conditions as specified in the WDOE Section 401 Water Quality Certification (WQC). The Contractor will observe turbidity during structural excavation operations in order to ensure compliance with WQC requirements. Appropriate BMPs will be employed to minimize sediment loss and turbidity generation during structural excavation, re-handling, dewatering, and material processing.
- Washington Department of Natural Resources BMPs for Pile Removal and Disposal (2017) will be followed during pile extraction.
- The Contractor will be responsible for the preparation of a Spill, Prevention, Control, and Countermeasure (SPCC) Plan to be used for the duration of the project. The SPCC Plan will be submitted to and approved by the project engineer prior to the commencement of construction activities. A copy of the SPCC Plan, with any updates, will be maintained at the work site by the Contractor. The SPCC Plan will provide advanced planning for potential spill sources and hazardous materials (gasoline, oils, chemicals, etc.) that the Contractor may encounter or utilizes as part of conducting the work. The SPCC plan will outline roles and responsibilities, notifications, inspection, and response protocols.

Additional measures to protect the aquatic environment include the use of debris booms, turbidity/silt curtains, filter berms, and silt fences as necessary to meet the water quality requirements based on the results of water quality monitoring conducted during construction.

All concrete installed below OHW will be precast, and concrete installed above OHW will be cast in place (CIP). Delineation between the CIP and precast areas will be determined during engineering design and be based on water elevations. A reinforced concrete abutment will be cast-in-place above the water zone to minimize exposure of concrete to water. BMPs regarding casting concrete near water will be implemented to protect the aquatic environment.

All structural excavation and grading work for the new concrete abutment will take place above OHW. All structural excavation work will be conducted utilizing hand tools and possibly a small backhoe to limit disturbance. Materials will be placed into a temporary stockpile in the uplands prior to loading onto a truck for off-site disposal or possibly placed in approved upland location. Filter berms and a silt fence would be used to limit runoff from offloaded material. While excavating, the Contractor will be responsible to submit and follow an accepted Temporary Erosion and Sediment Control (TESC) plan based on BMPs.

The new structures proposed for installation will be built with more environmentally friendly materials. All existing creosote-treated timber pile will be replaced with galvanized steel pile with fiberglass bird caps. In replacement of the concrete surfaces, all new deck surfaces of the pier structures will be covered with an ADA-compliant fiber-reinforced polymer grating with a minimum 60% open area to minimize environmental impacts. Approximately 50% of the entire deck be functional grating. The top deck surface of the boarding float additions will also be fiberglass grated decking meeting ADA requirements and 60% net open area requirements to minimize environmental impacts. All floats have approximately 20 – 25% functional grating. All items proposed for removal will be placed on a truck bed, transported off-site, and disposed of at an approved upland facility.

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 project includes placement of approximately 275 CY of beach material below OHW in Angle Lake for the purpose of restoring the grade to safe conditions for swimmers. The fill will not convert aquatic area to upland, it will only raise the elevation of the lakebed at the entry point for swimmers at the base of the concrete stairs. This nearshore area is currently sand and is heavily used for public recreation; thus, it does not provide suitable habitat for aquatic species. No ESA-listed species are known to occur in Angle Lake, and per PHS on the Web, no Priority Habitats and Species do either.

To offset any unforeseen potential impacts of material placement, the City proposes to relocate the overwater pier that connects the boat ramp and the fishing pier to the uplands, thus removing overwater coverage in the area of a wetland. The City will also remove 19 creosote-treated timber piles from the aquatic environment. All proposed overwater coverage will incorporate grated decking to replace existing solid-decked structures.

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
REMOVAL/EXCAVATION					
4 x 12"-16" Dia. Creosote Timber Pile (Docks)	Angle Lake	In	2 days		4 SF
3 x 12" Galvanized Steel Piles	Angle Lake	In	2 days		3 SF
15 x 12"-16" Dia. Creosote Timber Dolphin Pile (Connecting Pier)	Angle Lake	In	10 days		15 SF
Concrete Floating Dock	Angle Lake	In	5 days		2165 SF below OHW
Concrete Connecting Pier	Angle Lake	In/Adjacent	3 days		906 SF above OHW

					413 SF below OHW
Concrete and Asphalt Boat Ramp and Platform	Angle Lake	In/Adjacent	10 days		544 SF above OHW 776 SF below OHW
2 x Aluminum Gangways	Angle Lake	In	1 day		175 SF below OHW
Remove Blackberries	Angle Lake	In/Adjacent	1 day		574 SF above OHW 261 SF below OHW
INSTALLATION as part of REPLACEMENT					
20 x 12.75" Dia. Galv. Steel Pile (Fishing Pier)	Angle Lake	In	15 days		20 SF below OHW
2 x 12.75" Dia. Galv. Steel Pile (Boat Ramp)	Angle Lake	In	2 days		2 SF below OHW
Aluminum Fishing Pier	Angle Lake	In/Adjacent	15 days		80 SF above OHW 2360 SF below OHW
Cast in Place Concrete Boat Ramp and Abutment	Angle Lake	Adjacent	15 days		456 SF above
2 x 8' x 19' Aluminum Boat Ramp Access Floats	Angle Lake	In/Adjacent	10 days		49 SF above OHW 255 SF below OHW
Precast Concrete Panels	Angle Lake	In	5 days		800 SF below OHW
Articulated Concrete Block Mat	Angle Lake	In/Adjacent	3 days		49 SF above OHW 255 SF below OHW
Riprap	Angle Lake	In	5 days	7 CY	372 SF below OHW
Bedding Layer under riprap and precast panels	Angle Lake	In/Adjacent	2 days	80 CY	
NEW INSTALLATION					
6 x 12.75" Dia. Galv. Steel Pile (ADA Swim Ramp)	Angle Lake	In	5 days		401 SF below OHW
Concrete Path	Angle Lake	In	2 days		525 SF above OHW
Kayak Access Float	Angle Lake	In	1 day		216 SF below OHW
ADA Concrete Ramp	Angle Lake	In/Adjacent	5 days	18 CY	164 SF above OHW
ADA Aluminum Swim Ramp	Angle Lake	In/Adjacent	5 days		79 SF above OHW 585 SF below OHW

3 x Access Swim Stairs	Angle Lake	In	5 days		135 SF below OHW
Beach Replenishment	Angle Lake	In	5 days	40 CY above OHW 275 CY below OHW	528 SF above OHW 3691 SF below OHW
Vegetative Restoration Area	Angle Lake	In/Adjacent	3 days		628 SF above OHW
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]					

Boat Ramp

The existing subgrade bedding layer beneath the boat ramp and boat ramp elements (approximately 100 CY total) will be excavated and replaced with 80 CY of 12-inch subgrade and crushed aggregate base material, which will be installed on top of geotextile fabric, in addition to 8-inch thick concrete panels spanning approximately 800 SF. The fabric will cover 49 SF above OHW, and 255 SF below OHW in Angle Lake. This bedding layer will support the new boat ramp components.

The centerline of the proposed boat ramp will be similar to the existing alignment. The replacement boat ramp will match the existing slope (15%). The elevation at the end of the proposed boat ramp will match the existing elevation (EL +354 feet). The total width of the ramp will be 31 feet, which will include 20 feet in the center for the new boat ramp, one 8-foot wide float on the north side and 3-feet of scour protection on south side. Before installation of a 12-inch thick subgrade with crushed aggregate base material, new geotextile fabric will be installed to cover the area of the proposed boat ramp. Steel rails will be installed at the lower area for the installation and support of the proposed precast concrete panels in the lake level zone.

8-inch thick precast concrete panels will be installed on-grade at the lower slope areas and an 8-inch thick cast-in-place (CIP) concrete slab will be installed within the upper slope areas. Delineation between the CIP and precast areas will be determined during engineering design and be based on water elevations. The precast concrete segments will utilize a steel frame rail system to aid in installation of below-water portions of the ramp without any need for dewatering. An articulated concrete block mat will be used on the north side of the concrete ramp beneath the boarding floats. BMPs regarding casting concrete near water will be implemented to protect the aquatic environment. If water levels are high during construction, the concrete slab will be isolated from the water using sandbags, super sacks, or similar methods and then be dewatered. No CIP concrete is anticipated below OHW. A debris boom will be installed around the wetted perimeter of the boat ramp work area in order to contain any floating debris produced during the demolition and construction work. A silt curtain will be utilized, if necessary, to meet water quality requirements based on the results of water quality monitoring work conducted throughout the duration of construction.

A reinforced concrete abutment will be cast-in-place above the water zone to minimize exposure of concrete to water. The new abutment will be tied into the new boat ramp via epoxied steel dowels installed into drilled holes of the boat ramp where the new abutment will be connected.

Once the new boat ramp is installed, 7 CY of riprap will be placed below OHW, covering approximately 372 SF, as scour protection surrounding the boat ramp. Class 700 is the minimum size riprap recommended at the ramp toe, while 4 inch to 8 inch rock will likely be used along the sides of the boat ramp. Riprap is typically placed on a layer of geotextile fabric to minimize erosion and to keep fines from being washed out through the openings of the riprap.

Beach Replenishment

Clean sand fill material is proposed for the beach replenishment portion of the project. The fill will improve access for visitors, improve public safety, and restore this area after scouring from wave action. 40 CY will be placed above OHW covering approximately 528 SF, and 275 CY will be placed below OHW covering approximately 3,691 SF. The sand gradation will be sized to be barefoot friendly and slow down future scour due to dynamic water conditions at the concrete stair interface. This sand fill will also be placed where Himalayan blackberry is removed in the northeastern most portion of the beach area.

All materials will be transported on site in dump trucks, where materials will be deposited either in temporary stockpiles in the uplands, or directly at the appropriate locations. Sand will be spread out along the beach using a backhoe or a long-reach hydraulic excavator staged on timber crane matting in the upland area above the beach. The bedding layer and the riprap associated with the boat launch will also be placed via an excavator or backhoe. If necessary, the excavators may also be placed on a flexifloat or a similar barge system for harder to reach areas (e.g., placing riprap at the toe of the boat ramp).

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. [\[help\]](#)

All materials and structures (i.e., existing connecting concrete pier, concrete platform [connecting to boarding floats], and boat ramp) to be excavated, demolished, and removed will be disposed of at an approved, upland, offsite facility by truck. Full-depth extraction of existing materials for the boat ramp (approximately 100 CY of material) will include: concrete (544 SF above OHW, and 776 SF below OHW), subgrade materials for the bedding layer, and the existing substructure for the precast concrete panels will be removed during the demolition. Material will be removed via a crane barge or a flexifloat with a roll-on crane, and long-reach hydraulic excavator on shore. For the majority of materials, the excavator will create temporary stockpiles in the uplands prior to loading on trucks for disposal off-site.

Part 9–Additional Information

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

9a. If you have already worked with any government agencies on this project, list them below. [\[help\]](#)

Agency Name	Contact Name	Phone	Most Recent Date of Contact
USACE	Dan Krenz Samantha Stanford	206-316-3153 206-764-6182	6/30/23
USACE	Danette Guy (informal discussion)	206-348-3999	11/7/24
WDFW	Julian Douglas	206-584-9808	11/12/24
City of SeaTac	Alena Tuttle	206-973-4841	5/25/23

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

Angle Lake: Fecal coliform bacteria

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.

171100130305 – Green River

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

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

WRIA 9 – Duwamish – Green

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: _____

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: 2019 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. [\[help\]](#)

This property has primarily been used as a public park with additional recreational opportunities (e.g., swimming, fishing, boating) on Angle Lake.

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. [\[help\]](#)

No ESA-listed species are known to occur in the vicinity of the project area; therefore, no ESA-listed species are expected to be affected by the proposed work.

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. [\[help\]](#)

Per the PHS on the Web mapping tool, there are no Priority Habitats or Species within the project area. However, after a site visit on 3/3/23, Grette Associates determined there were two Category III lake fringe/lacustrine wetlands along the shoreline on the property near the existing boat ramp, floats, and pier. Two additional Category III lake fringe wetlands were located off-site, but their buffers extend into the project boundaries. No permanent impacts to wetlands are anticipated as a result of this project.

Part 10–SEPA Compliance and Permits

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

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

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

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

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

☒ A SEPA determination is pending with City of SeaTac (lead agency). The expected decision date is TBD.

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

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

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

☐ Other:

☐ SEPA is pre-empted by federal law.

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

LOCAL GOVERNMENT

Local Government Shoreline permits:

☒ Substantial Development ☐ Conditional Use ☐ Variance

☐ Shoreline Exemption Type (explain): _____

Other City/County permits:

☐ Floodplain Development Permit ☐ Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

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

Washington Department of Natural Resources:

☒ Aquatic Use Authorization

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

Do not send cash.

Washington Department of Ecology:

☒ Section 401 Water Quality Certification

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

FEDERAL AND TRIBAL GOVERNMENT

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

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

United States Coast Guard:

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

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

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

United States Environmental Protection Agency:

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

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

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

Part 11—Authorizing Signatures

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

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

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

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

Michael Fitzpatrick
Applicant Printed Name

[Signature]
Applicant Signature

4-4-25
Date

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

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

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