



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) [\[help\]](#)

Geddes Marina Phase 2 Remediation

Part 2—Applicant

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

2a. Name (Last, First, Middle)

Miller, Steven

2b. Organization (If applicable)

City of Marysville

2c. Mailing Address (Street or PO Box)

80 Columbia Avenue

2d. City, State, Zip

Marysville, WA 98270

2e. Phone (1)

360-651-5099

2f. Phone (2)

360-363-8100

2g. Fax

360-651-5099

2h. E-mail

smiller@marysvillewa.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.

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)			
Burke, Benn			
3b. Organization (If applicable)			
Parametrix			
3c. Mailing Address (Street or PO Box)			
719 2 nd Avenue, Suite 200			
3d. City, State, Zip			
Seattle, WA, 98104			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
206-394-3693 (W)	206-841-6002 (C)		bburke@parametrix.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 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 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]			
1326 First Street			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Marysville, WA 98270			
5d. County [help]			
Snohomish			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NW	33	T30N	R5E
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) 			
48.04815°N lat / -122.17994°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. 			
The project site includes portions of four parcels: 30053300202700, 30053300203100, 30053300202500, 30053300202900			

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)
MGP IX Properties	425 California Street, 11th Floor San Francisco, CA 94101	00528700300400
BNSF Railway	2650 Lou Menk Drive Fort Worth, TX 76131	ROW

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

Summary of Wetlands within the Geddes Phase 2 Remediation Project Area

Aquatic Resource Type	Resource Name	USFWS Type	HGM Type	City of Marysville Wetland Rating Category
Wetlands	A ^a	E2EM1/PSSB	Estuarine Fringe	II
	B	E2EM1	Estuarine Fringe	II
	C	E2EM1	Estuarine Fringe	II

^a Wetland A is located within Ebey Waterfront Park east of the Geddes Marina site.

E2EM1: Intertidal Estuarine Persistent Emergent; PSSB: Saturated Palustrine Scrub Shrub; E2SB5: Intertidal Estuarine Mud Streambed.

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

Ebey Slough (Puget Sound)

5k. Is any part of the project area within a 100-year floodplain? [\[help\]](#)

Yes No Don't know

5l. Briefly describe the vegetation and habitat conditions on the property. [\[help\]](#)

The majority of the site is bare soil or is sparsely vegetated with weedy vegetation.

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

The site is vacant. Previously, it was used by a timber operation and then as a marina. The City of Marysville purchased the site in 2010 with the intention of remediating it and expanding the adjacent Ebey Waterfront Park. Previously existing structures were removed during the initial interim remedial action implemented in 2016 and in 2019.

The City is planning to construct a new regional stormwater treatment facility (the Downtown Stormwater Treatment Project [DSTP]) in the northwestern corner of the Geddes Marina site, which abuts the proposed remediation action site. The City has applied for permits for the DSTP separately from the Geddes Phase 2 remediation project. The DSTP site is currently being pre-loaded in anticipation of the start of facility construction in 2022.

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

Ebey Waterfront Park is to the immediate east of the project site. It consists of a large parking lot with a boat launch, a public restroom, picnic tables, a public trail, and a small play area. Across First Street to the north is Marysville Towne Center, a large shopping mall. To the immediate west is an active Burlington Northern Santa Fe Railroad corridor. West of the railroad there is a vacant City-owned property. South of the site is Ebey Slough.

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

There are currently no structures on the Geddes Marina site. The existing park site to the east contains a restroom building and small picnic shelter. The City is proposing to construct the DSTP facility on the northwestern corner of the site, which abuts but does not overlap with the remediation action site. The DSTP facility will include several utility buildings for associated equipment and controls.

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

From NB I-5, take the SR-528 (4th Street) exit. Turn right onto 4th Street then take a right turn at the second intersection onto Cedar Ave. Turn left onto 1st Street and the project site is on the right.

Part 6–Project Description

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

The Geddes Marine Phase 2 Remediation Project (project) will complete the remedial action on the Geddes Marina site that was initiated in 2016 by filling the contaminated former marina basin. The Phase 2 Remediation involves capping impacted sediment within the former boat basin and outlet channel to an elevation above the high-water line (OHWL) of the basin with imported clean fill material. A stabilizing layer consisting of a geogrid will be placed on top of the existing contaminated sediment to allow for construction and to reduce uneven settling and consolidation of the proposed cap material. Approximately 5 to 8 feet of clean, imported fill and a 1-foot-thick stabilization layer made of a geotextile liner and rock will be used to cap impacted sediments to bring the final grade above the OHWL. The depth of fill varies based on existing surface elevations. The cap will be placed to uniform elevation of 10 feet. Additional fill material will be placed to extend the fill to the top of the existing top of bank of the former boat basin to be even with the remaining site.

The City's downtown stormwater conveyance system currently discharges into the northern portion of the former boat basin south of First Street then flows over the contaminated sediments to discharge to Ebey Slough. Stormwater discharging from the City's Downtown Stormwater Treatment facility will be rerouted via a conveyance pipeline and energy dissipation structure to a conveyance channel constructed along the western edge of the Geddes Marina site. A maintenance access route to the conveyance channel energy dissipation structure and new maintenance holes will be constructed from First Street that will parallel the new conveyance pipeline and channel. The conveyance channel will discharge to Ebey Slough near the southwest corner of the site.

The conveyance channel will be tidally influenced and will be designed to mimic a natural tidal channel to conform with the City's Shoreline Management Act policies and regulations to the extent feasible due to limitations resulting from the sediment cap and underlying contaminated material. The remediation project includes onsite buffer restoration as required by City of Marysville Critical Areas code. Wetlands and areas below the OHWL of Ebey Slough that are temporarily disturbed by the project will be restored. The remaining upland site area will be seeded with field turf grass mix. Compensatory mitigation for impacts to wetlands and other aquatic resources will be provided by applying credits from the City's Qwuloolt Advanced Wetland Mitigation (AWM) site.

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

Per the Remedial Investigation and Feasibility Study Report (RI/FS) (Maul, Foster, and Alongi, Inc., 2020), multiple chemical groups identified in the sediment of the former marina basin exceed cleanup levels. Sediment impacts are widespread within the former marina basin. The RI/FS identified that filling the marina basin with a cap of clean material extending in elevation above the OHWL elevation was the most effective remediation approach.

Per the Remedial Investigation and Feasibility Study Report (RI/FS) (Maul, Foster, and Alongi, Inc., 2020), multiple chemical groups identified in the sediment of the former marina basin exceed cleanup levels. Sediment impacts are widespread within the former marina basin. The RI/FS identified that filling the marina basin with a cap of clean material extending in elevation above the OHWL elevation was the most effective remediation approach.

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 checked="" 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: Remediation Action

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.

Construction would occur using standard construction equipment. The Phase 2 Remediation involves capping impacted sediment within the former boat basin and outlet channel to an elevation of 10 feet, which is above the OHWL of the former marina basin. The basin will be capped and filled with imported clean fill material. A stabilizing layer consisting of a geogrid will be placed on top of the existing contaminated sediment to allow for construction and to reduce uneven settling and consolidation of the proposed cap layer. Approximately 5 to 8 feet of clean, imported fill and a 1-foot-thick stabilization layer made of a geotextile liner and rock will be used to cap impacted sediments to bring the final grade above the OHWL. Additional fill material will be placed to extend the fill to the top of the existing top of bank of the former boat basin to be even with the remaining site. The new conveyance pipeline and energy dissipation structure will be pile-supported. The entire project area is within the current 100-year floodplain.

Prior the placement of the cap and any work within wetlands or below the OHWL, stormwater will be bypassed through the marina basin and the area will be isolated from Ebey Slough using temporary coffer dams. The project will require excavation and temporary impacts waterward of the OHWL of Ebey Slough to connect the new stormwater conveyance channel with Ebey Slough. The project also will include removal of in-water piles, bank armoring, and other debris from shoreline areas affected by the project. The existing bank of the slough will be recontoured and new clean sand and gravel substrate will be installed along the shoreline. The project will include restoration and enhancement of riparian areas along the shoreline edge and the installation of large woody material habitat structures along the shoreline.

Work conducted waterward of the OHWL of Ebey Slough will only occur during low tide, unless the area is isolated from the slough via coffer dams or similar. Excavated material will be disposed at an approved upland facility.

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: _____ End Date: _____ See JARPA Attachment D

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

\$3.5 Million

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

Impacts to wetlands were avoided and minimized to the extent practicable. The project will not impact on-site portions of Wetland A or the higher valued and higher quality areas of Wetland B located along the eastern portion of the onsite shoreline. The shoreline adjacent to the higher quality portion of Wetland B is not armored and contains a more natural slope and condition. Most impacts to wetland B will occur as a result of filling in and restoring the artificial outlet channel for the former boat basin and removing the shoreline armoring, and other debris near the confluence of the new conveyance channel. Approximately 0.10 acre of on-site area of Wetland B will be impacted by these activities and will be restored. Filling Wetland C and associated portions of the former marina basin are not avoidable because the fill is required for the remedial action to be successful..

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

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

The goal of the compensatory mitigation approach is to provide no net loss of wetland to assure no net loss of water quality, hydrologic, and habitat functions compared to the impacted wetland. The City proposes to utilize credits from the City's Qwuloolt Advance Wetland Mitigation (AWM) Project to compensate for permanent wetland and aquatic habitat impacts resulting from the Geddes Marina Phase 2 Remediation Project. The AWM was developed using a watershed approach and was intended specifically to provide compensation for impacts associated with the Geddes Phase 2 Remediation project. A copy of the Advanced Mitigation for the Qwuloolt AWM Project is included with the Mitigation Site Use Plan, which is included as Appendix F to the Critical Areas Report and Mitigation submitted with this application.

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)
Remove debris, recontour and restore shoreline, construct backwater channel	Wetland B	II	0.090 acre	Permanent	Restoration	0.09 acre (Onsite restoration)
Remove debris, fill marina boat basin outlet channel, recontour and restore shoreline	Wetland B	II	0.055 acre	Permanent	AWM Credits	n/a
Fill former marina basin.	Wetland C	II	1.884 acre	Permanent	AWM Credits	n/a

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. [\[help\]](#)

Filling the marina boat basin and outlet channel and recontouring the shoreline will involve about 16,000 cubic yards of fill. In addition, approximately 1,300 cubic yards of new streambank aggregate (sand and gravel) will be placed as part of the conveyance channel construction and shoreline restoration area. All imported fill material would be clean material from existing City stockpiles or from approved commercial sources.

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. [\[help\]](#)

Excavation will be via a land or barge-based excavator. Approximately 300 cubic yards of sediment, existing fill, rubble and debris, derelict concrete foundations, and native streambank would be excavated and removed from below the existing ordinary high water line to remove existing shoreline armoring, recontour and restore the shoreline, and construct the stormwater conveyance channel. Approximately 900 cubic yards of sediment will be excavated with the existing boat basin (Wetland C) to construct the new conveyance channel. All excavated material would be disposed of at an upland facility approved to accept the specific materials.

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

All wetland areas affected by the project are intertidal and occur below the ordinary high water line of Ebey Slough. The same activities proposed to avoid and minimize adverse impacts to wetlands will also avoid and minimize adverse impacts other the aquatic environment. See box 7a. The project will not result in an increase in pollution generating impervious surface.

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. [\[help\]](#)

All wetland areas affected by the project are intertidal and occur below the ordinary high water line of Ebey Slough. The same goals and objectives to avoid, minimize, and mitigate adverse impacts to wetlands also apply to other the aquatic environment. See box 7g.

8e. Summarize impact(s) to each waterbody in the table below. [\[help\]](#)

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Conveyance channel and shoreline restoration	Ebey Slough	In water	Permanent	600 CY Fill	0.09 acre
Conveyance channel and shoreline restoration	Ebey Slough	In water	Temporary	300 CY Excavation 1,300 CY Fill	0.12 acre
Filling former marina boat basin and outlet channel.	Geddes Marina Basin and Ebey Slough	In water	Permanent	900 CY Excavation 16,000 CY Fill	1.99 acre

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. [\[help\]](#)

Construction will be from both land-based and barge-mounted heavy equipment including excavators and cranes. There will be a total of about 16,600 cubic yards of fill placed below the existing ordinary high water mark of Ebey Slough and the former marina boat basin. The remaining approximately 1,300 cubic yards will be clean sand and gravel for shoreline restoration. All new materials will come from existing City stockpiles or approved commercial sources.

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 be from both land-based and barge-mounted heavy equipment. There will be a total of about 1,200 cubic yards of excavation below the ordinary high water mark. About 900 cubic yards of excavation will occur to conveyance channel. The remaining 300 cubic yards of excavation will be over excavation to remove rubble, debris, and other unsuitable material along the shoreline. Excavated Material will be disposed of at an approve upland facility approved to accept the specific material.

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
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]			
<ul style="list-style-type: none"> • 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. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Bacteria.			
9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [help]			
<ul style="list-style-type: none"> • Go to http://cfpub.epa.gov/surf/locate/index.cfm to help identify the HUC. 			
17110019			
9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help]			
<ul style="list-style-type: none"> • Go to https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up to find the WRIA #. 			
7			
9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]			
<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. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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: _____

9i. Does the project site have known contaminated sediment? [\[help\]](#)

- **If Yes**, please describe below.

Yes No

The City of Marysville purchased the Geddes Marina site after conducting a Phase I and Phase II Environmental Site Assessment (ESA). A RI/FS was prepared for the site in 2020. These studies and other site investigations identified soil, sediment, and groundwater contamination.

9j. If you know what the property was used for in the past, describe below. [\[help\]](#)

The site is currently vacant. In the past, it has been the location of timber industry and marine-related operations. Since the 1940's, the property was primarily used as a marina and boat launch. The City of Marysville purchased the site in 2010 with the intention of using the property as part of the City's ongoing efforts to reclaim its formerly industrial waterfront and revitalize the downtown.

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. [\[help\]](#)

- Puget Sound ESU Chinook Salmon (*Oncorhynchus tshawytscha*)
- Puget Sound DPS Steelhead (*Oncorhynchus mykiss*)
- North American wolverine (*Gulo gulo luscus*)
- Yellow-billed cuckoo (*Coccyzus americanus*)
- Streaked horned lark (*Eremophila alpestris strigata*)
- Marbled murrelet (*Brachyramphus marmoratus*)
- Bull trout (*Salvelinus confluentus*)
- Oregon spotted frog (*Rana pretiosa*)

All these are threatened with the exception of the wolverine, which is proposed 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. [\[help\]](#)

Puget Sound ESU Chinook Salmon (*Oncorhynchus tshawytscha*)
Puget Sound DPS Steelhead (*Oncorhynchus mykiss*)
Bull trout (*Salvelinus confluentus*)

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

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:

- General Bridge Act Permit Private Aids to Navigation (for non-bridge projects)

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).



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) [\[help\]](#)

Geddes Marina Phase 2 Remediation

Part 2—Applicant

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

2a. Name (Last, First, Middle)

Miller, Steven

2b. Organization (If applicable)

City of Marysville

2c. Mailing Address (Street or PO Box)

80 Columbia Avenue

2d. City, State, Zip

Marysville, WA 98270

2e. Phone (1)

360-651-5099

2f. Phone (2)

360-363-8100

2g. Fax

360-651-5099

2h. E-mail

smiller@marysvillewa.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.

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)			
Burke, Benn			
3b. Organization (If applicable)			
Parametrix			
3c. Mailing Address (Street or PO Box)			
719 2 nd Avenue, Suite 200			
3d. City, State, Zip			
Seattle, WA, 98104			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
206-394-3693 (W)	206-841-6002 (C)		bburke@parametrix.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 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 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]			
1326 First Street			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Marysville, WA 98270			
5d. County [help]			
Snohomish			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NW	33	T30N	R5E
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) 			
48.04815°N lat / -122.17994°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. 			
The project site includes portions of four parcels: 30053300202700, 30053300203100, 30053300202500, 30053300202900			

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)
MGP IX Properties	425 California Street, 11th Floor	00528700300400
	San Francisco, CA 94101	
BNSF Railway	2650 Lou Menk Drive	ROW
	Fort Worth, TX 76131	

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

Summary of Wetlands within the Geddes Phase 2 Remediation Project Area

Aquatic Resource Type	Resource Name	USFWS Type	HGM Type	City of Marysville Wetland Rating Category
Wetlands	A ^a	E2EM1/PSSB	Estuarine Fringe	II
	B	E2EM1	Estuarine Fringe	II
	C	E2EM1	Estuarine Fringe	II

^a Wetland A is located within Ebey Waterfront Park east of the Geddes Marina site.

E2EM1: Intertidal Estuarine Persistent Emergent; PSSB: Saturated Palustrine Scrub Shrub; E2SB5: Intertidal Estuarine Mud Streambed.

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

Ebey Slough (Puget Sound)

5k. Is any part of the project area within a 100-year floodplain? [\[help\]](#)

Yes No Don't know

5l. Briefly describe the vegetation and habitat conditions on the property. [\[help\]](#)

The majority of the site is bare soil or is sparsely vegetated with weedy vegetation.

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

The site is vacant. Previously, it was used by a timber operation and then as a marina. The City of Marysville purchased the site in 2010 with the intention of remediating it and expanding the adjacent Ebey Waterfront Park. Previously existing structures were removed during the initial interim remedial action implemented in 2016 and in 2019.

The City is planning to construct a new regional stormwater treatment facility (the Downtown Stormwater Treatment Project [DSTP]) in the northwestern corner of the Geddes Marina site, which abuts the proposed remediation action site. The City has applied for permits for the DSTP separately from the Geddes Phase 2 remediation project. The DSTP site is currently being pre-loaded in anticipation of the start of facility construction in 2022.

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

Ebey Waterfront Park is to the immediate east of the project site. It consists of a large parking lot with a boat launch, a public restroom, picnic tables, a public trail, and a small play area. Across First Street to the north is Marysville Towne Center, a large shopping mall. To the immediate west is an active Burlington Northern Santa Fe Railroad corridor. West of the railroad there is a vacant City-owned property. South of the site is Ebey Slough.

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

There are currently no structures on the Geddes Marina site. The existing park site to the east contains a restroom building and small picnic shelter. The City is proposing to construct the DSTP facility on the northwestern corner of the site, which abuts but does not overlap with the remediation action site. The DSTP facility will include several utility buildings for associated equipment and controls.

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

From NB I-5, take the SR-528 (4th Street) exit. Turn right onto 4th Street then take a right turn at the second intersection onto Cedar Ave. Turn left onto 1st Street and the project site is on the right.

Part 6–Project Description

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

The Geddes Marine Phase 2 Remediation Project (project) will complete the remedial action on the Geddes Marina site that was initiated in 2016 by filling the contaminated former marina basin. The Phase 2 Remediation involves capping impacted sediment within the former boat basin and outlet channel to an elevation above the high-water line (OHWL) of the basin with imported clean fill material. A stabilizing layer consisting of a geogrid will be placed on top of the existing contaminated sediment to allow for construction and to reduce uneven settling and consolidation of the proposed cap material. Approximately 5 to 8 feet of clean, imported fill and a 1-foot-thick stabilization layer made of a geotextile liner and rock will be used to cap impacted sediments to bring the final grade above the OHWL. The depth of fill varies based on existing surface elevations. The cap will be placed to uniform elevation of 10 feet. Additional fill material will be placed to extend the fill to the top of the existing top of bank of the former boat basin to be even with the remaining site.

The City's downtown stormwater conveyance system currently discharges into the northern portion of the former boat basin south of First Street then flows over the contaminated sediments to discharge to Ebey Slough. Stormwater discharging from the City's Downtown Stormwater Treatment facility will be rerouted via a conveyance pipeline and energy dissipation structure to a conveyance channel constructed along the western edge of the Geddes Marina site. A maintenance access route to the conveyance channel energy dissipation structure and new maintenance holes will be constructed from First Street that will parallel the new conveyance pipeline and channel. The conveyance channel will discharge to Ebey Slough near the southwest corner of the site.

The conveyance channel will be tidally influenced and will be designed to mimic a natural tidal channel to conform with the City's Shoreline Management Act policies and regulations to the extent feasible due to limitations resulting from the sediment cap and underlying contaminated material. The remediation project includes onsite buffer restoration as required by City of Marysville Critical Areas code. Wetlands and areas below the OHWL of Ebey Slough that are temporarily disturbed by the project will be restored. The remaining upland site area will be seeded with field turf grass mix. Compensatory mitigation for impacts to wetlands and other aquatic resources will be provided by applying credits from the City's Qwuloolt Advanced Wetland Mitigation (AWM) site.

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

Per the Remedial Investigation and Feasibility Study Report (RI/FS) (Maul, Foster, and Alongi, Inc., 2020), multiple chemical groups identified in the sediment of the former marina basin exceed cleanup levels. Sediment impacts are widespread within the former marina basin. The RI/FS identified that filling the marina basin with a cap of clean material extending in elevation above the OHWL elevation was the most effective remediation approach.

Per the Remedial Investigation and Feasibility Study Report (RI/FS) (Maul, Foster, and Alongi, Inc., 2020), multiple chemical groups identified in the sediment of the former marina basin exceed cleanup levels. Sediment impacts are widespread within the former marina basin. The RI/FS identified that filling the marina basin with a cap of clean material extending in elevation above the OHWL elevation was the most effective remediation approach.

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 checked="" 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: Remediation Action

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.

Construction would occur using standard construction equipment. The Phase 2 Remediation involves capping impacted sediment within the former boat basin and outlet channel to an elevation of 10 feet, which is above the OHWL of the former marina basin. The basin will be capped and filled with imported clean fill material. A stabilizing layer consisting of a geogrid will be placed on top of the existing contaminated sediment to allow for construction and to reduce uneven settling and consolidation of the proposed cap layer. Approximately 5 to 8 feet of clean, imported fill and a 1-foot-thick stabilization layer made of a geotextile liner and rock will be used to cap impacted sediments to bring the final grade above the OHWL. Additional fill material will be placed to extend the fill to the top of the existing top of bank of the former boat basin to be even with the remaining site. The new conveyance pipeline and energy dissipation structure will be pile-supported. The entire project area is within the current 100-year floodplain.

Prior the placement of the cap and any work within wetlands or below the OHWL, stormwater will be bypassed through the marina basin and the area will be isolated from Ebey Slough using temporary coffer dams. The project will require excavation and temporary impacts waterward of the OHWL of Ebey Slough to connect the new stormwater conveyance channel with Ebey Slough. The project also will include removal of in-water piles, bank armoring, and other debris from shoreline areas affected by the project. The existing bank of the slough will be recontoured and new clean sand and gravel substrate will be installed along the shoreline. The project will include restoration and enhancement of riparian areas along the shoreline edge and the installation of large woody material habitat structures along the shoreline.

Work conducted waterward of the OHWL of Ebey Slough will only occur during low tide, unless the area is isolated from the slough via coffer dams or similar. Excavated material will be disposed at an approved upland facility.

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: _____ End Date: _____ See JARPA Attachment D

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

\$3.5 Million

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

Impacts to wetlands were avoided and minimized to the extent practicable. The project will not impact on-site portions of Wetland A or the higher valued and higher quality areas of Wetland B located along the eastern portion of the onsite shoreline. The shoreline adjacent to the higher quality portion of Wetland B is not armored and contains a more natural slope and condition. Most impacts to wetland B will occur as a result of filling in and restoring the artificial outlet channel for the former boat basin and removing the shoreline armoring, and other debris near the confluence of the new conveyance channel. Approximately 0.10 acre of on-site area of Wetland B will be impacted by these activities and will be restored. Filling Wetland C and associated portions of the former marina basin are not avoidable because the fill is required for the remedial action to be successful..

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

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

The goal of the compensatory mitigation approach is to provide no net loss of wetland to assure no net loss of water quality, hydrologic, and habitat functions compared to the impacted wetland. The City proposes to utilize credits from the City's Qwuloolt Advance Wetland Mitigation (AWM) Project to compensate for permanent wetland and aquatic habitat impacts resulting from the Geddes Marina Phase 2 Remediation Project. The AWM was developed using a watershed approach and was intended specifically to provide compensation for impacts associated with the Geddes Phase 2 Remediation project. A copy of the Advanced Mitigation for the Qwuloolt AWM Project is included with the Mitigation Site Use Plan, which is included as Appendix F to the Critical Areas Report and Mitigation submitted with this application.

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)
Remove debris, recontour and restore shoreline, construct backwater channel	Wetland B	II	0.090 acre	Permanent	Restoration	0.09 acre (Onsite restoration)
Remove debris, fill marina boat basin outlet channel, recontour and restore shoreline	Wetland B	II	0.055 acre	Permanent	AWM Credits	n/a
Fill former marina basin.	Wetland C	II	1.884 acre	Permanent	AWM Credits	n/a

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. [\[help\]](#)

Filling the marina boat basin and outlet channel and recontouring the shoreline will involve about 16,000 cubic yards of fill. In addition, approximately 1,300 cubic yards of new streambank aggregate (sand and gravel) will be placed as part of the conveyance channel construction and shoreline restoration area. All imported fill material would be clean material from existing City stockpiles or from approved commercial sources.

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. [\[help\]](#)

Excavation will be via a land or barge-based excavator. Approximately 300 cubic yards of sediment, existing fill, rubble and debris, derelict concrete foundations, and native streambank would be excavated and removed from below the existing ordinary high water line to remove existing shoreline armoring, recontour and restore the shoreline, and construct the stormwater conveyance channel. Approximately 900 cubic yards of sediment will be excavated with the existing boat basin (Wetland C) to construct the new conveyance channel. All excavated material would be disposed of at an upland facility approved to accept the specific materials.

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

All wetland areas affected by the project are intertidal and occur below the ordinary high water line of Ebey Slough. The same activities proposed to avoid and minimize adverse impacts to wetlands will also avoid and minimize adverse impacts other the aquatic environment. See box 7a. The project will not result in an increase in pollution generating impervious surface.

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. [\[help\]](#)

All wetland areas affected by the project are intertidal and occur below the ordinary high water line of Ebey Slough. The same goals and objectives to avoid, minimize, and mitigate adverse impacts to wetlands also apply to other the aquatic environment. See box 7g.

8e. Summarize impact(s) to each waterbody in the table below. [\[help\]](#)

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Conveyance channel and shoreline restoration	Ebey Slough	In water	Permanent	600 CY Fill	0.09 acre
Conveyance channel and shoreline restoration	Ebey Slough	In water	Temporary	300 CY Excavation 1,300 CY Fill	0.12 acre
Filling former marina boat basin and outlet channel.	Geddes Marina Basin and Ebey Slough	In water	Permanent	900 CY Excavation 16,000 CY Fill	1.99 acre

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. [\[help\]](#)

Construction will be from both land-based and barge-mounted heavy equipment including excavators and cranes. There will be a total of about 16,600 cubic yards of fill placed below the existing ordinary high water mark of Ebey Slough and the former marina boat basin. The remaining approximately 1,300 cubic yards will be clean sand and gravel for shoreline restoration. All new materials will come from existing City stockpiles or approved commercial sources.

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 be from both land-based and barge-mounted heavy equipment. There will be a total of about 1,200 cubic yards of excavation below the ordinary high water mark. About 900 cubic yards of excavation will occur to conveyance channel. The remaining 300 cubic yards of excavation will be over excavation to remove rubble, debris, and other unsuitable material along the shoreline. Excavated Material will be disposed of at an approve upland facility approved to accept the specific material.

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
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]			
<ul style="list-style-type: none"> • 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. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Bacteria.			
9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [help]			
<ul style="list-style-type: none"> • Go to http://cfpub.epa.gov/surf/locate/index.cfm to help identify the HUC. 			
17110019			
9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help]			
<ul style="list-style-type: none"> • Go to https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up to find the WRIA #. 			
7			
9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]			
<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. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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: _____

9i. Does the project site have known contaminated sediment? [\[help\]](#)

- **If Yes**, please describe below.

Yes No

The City of Marysville purchased the Geddes Marina site after conducting a Phase I and Phase II Environmental Site Assessment (ESA). A RI/FS was prepared for the site in 2020. These studies and other site investigations identified soil, sediment, and groundwater contamination.

9j. If you know what the property was used for in the past, describe below. [\[help\]](#)

The site is currently vacant. In the past, it has been the location of timber industry and marine-related operations. Since the 1940's, the property was primarily used as a marina and boat launch. The City of Marysville purchased the site in 2010 with the intention of using the property as part of the City's ongoing efforts to reclaim its formerly industrial waterfront and revitalize the downtown.

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. [\[help\]](#)

- Puget Sound ESU Chinook Salmon (*Oncorhynchus tshawytscha*)
- Puget Sound DPS Steelhead (*Oncorhynchus mykiss*)
- North American wolverine (*Gulo gulo luscus*)
- Yellow-billed cuckoo (*Coccyzus americanus*)
- Streaked horned lark (*Eremophila alpestris strigata*)
- Marbled murrelet (*Brachyramphus marmoratus*)
- Bull trout (*Salvelinus confluentus*)
- Oregon spotted frog (*Rana pretiosa*)

All these are threatened with the exception of the wolverine, which is proposed 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. [\[help\]](#)

Puget Sound ESU Chinook Salmon (*Oncorhynchus tshawytscha*)
Puget Sound DPS Steelhead (*Oncorhynchus mykiss*)
Bull trout (*Salvelinus confluentus*)

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.

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. SPM (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. SPM (initial)

<u>Steven Miller</u>	<u><i>Steven Miller</i></u>	<u>April 8, 2022</u>
Applicant Printed Name	Applicant Signature	Date

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

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

<u>Benn Burke</u>	<u><i>Benn Burke</i></u>	<u>April 7, 2022</u>
Authorized Agent Printed Name	Authorized Agent Signature	Date

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

Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

<u>Property Owner Printed Name</u>	<u>Property Owner Signature</u>	<u>Date</u>
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18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-011 rev. 09/2018



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



US Army Corps
of Engineers®
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

Attachment D: Construction sequence [\[help\]](#)

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: _____

Location Name (if applicable): _____

Use this attachment only if your project will be constructed in phases or stages. Complete the outline showing the construction sequence and timing of activities, including the start and end dates of each phase or stage.

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

Phase or Stage	Start Date	End Date	Activity Description
A	May 2023	July 2023	Mobilization. Implement temporary erosion and sedimentation control measures.
B	July 2023	August 2023	Install temporary stormwater bypass. Isolate boat basin and outlet channel from Ebey Slough. Dewater former boat basin.
C	September 2023	June 2024	Excavate conveyance channel landward of Ebey Slough, place sediment cap material, construct stormwater conveyance pipeline and energy dissipator.
D	July 2024	August 2024	Removed debris from shoreline, excavate to connect conveyance channel to Ebey Slough. Final site grading and preparation for restoration.
E	September 2024	October 2024	Install restoration planting. Demobilization.

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-16-015 rev. 10/2016