



WASHINGTON STATE DEPT OF  
**NATURAL  
RESOURCES**

## **Application for Use of State-Owned Aquatic Lands**

<b>Applicant Name:</b>	Lockheed Martin Corporation
<b>County:</b>	King County
<b>Water Body:</b>	Elliott Bay & West Duwamish Waterway
<b>Authorization Type &amp; Use:</b>	Right of Entry for Lockheed West Seattle Superfund Site long-term monitoring
<b>Authorization Number:</b>	23-103570
<b>Term:</b>	1 year
<b>Description:</b>	This agreement will authorize the use of state-owned aquatic lands for the sole purpose of conducting long-term monitoring activities at the Lockheed West Seattle Superfund Site. This site is located in Elliott Bay, and the north portion of the West Duwamish Waterway.



## Vicinity Map

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

Location:

West Waterway and Elliott Bay

Prepared By: Elyse Weaver    Date: 09/12/2022  
Aerial Image from 2017



# WASHINGTON STATE

## Joint Aquatic Resources Permit Application (JARPA) Form<sup>1,2</sup> [\[help\]](#)

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) [\[help\]](#)

Lockheed West Seattle Superfund Site Long-Term Monitoring

### Part 2—Applicant

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

2a. Name (Last, First, Middle)

Morningstar, Mary P.

2b. Organization (If applicable)

Lockheed Martin Corporation

2c. Mailing Address (Street or PO Box)

6801 Rockledge Drive

2d. City, State, Zip

Bethesda, MD 20817

2e. Phone (1)

2f. Phone (2)

2g. Fax

2h. E-mail

(301) 214-3397

[mary.p.morningstar@lmco.com](mailto:mary.p.morningstar@lmco.com)

<sup>1</sup>Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

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

[http://www.epermitting.wa.gov/site/alias\\_resourcecenter/jarpa\\_jarpa\\_form/9984/jarpa\\_form.aspx](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](mailto: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.) [\[help\]](#)

<b>3a.</b> Name (Last, First, Middle)			
<b>3b.</b> Organization (If applicable)			
<b>3c.</b> Mailing Address (Street or PO Box)			
<b>3d.</b> City, State, Zip			
<b>3e.</b> Phone (1)	<b>3f.</b> Phone (2)	<b>3g.</b> Fax	<b>3h.</b> E-mail

## 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.

<b>4a.</b> Name (Last, First, Middle)			
Roach, Vivian			
<b>4b.</b> Organization (If applicable)			
Washington State Department of Natural Resources			
<b>4c.</b> Mailing Address (Street or PO Box)			
<b>4d.</b> City, State, Zip			
<b>4e.</b> Phone (1)	<b>4f.</b> Phone (2)	<b>4g.</b> Fax	<b>4h.</b> E-mail
(253) 341-7564		(360) 825-1672	<a href="mailto:vivian.roach@dnr.wa.gov">vivian.roach@dnr.wa.gov</a>



## 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.

<b>5a.</b> Indicate the type of ownership of the property. (Check all that apply.) <a href="#">[help]</a>			
<input type="checkbox"/> Private			
<input type="checkbox"/> Federal			
<input 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 <a href="#">JARPA Attachment E</a> )			
<b>5b.</b> Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) <a href="#">[help]</a>			
Properties are located in the West Waterway and Elliott Bay (see Sheet 2 of 2)			
<b>5c.</b> City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) <a href="#">[help]</a>			
Seattle, WA			
<b>5d.</b> County <a href="#">[help]</a>			
King			
<b>5e.</b> Provide the section, township, and range for the project location. <a href="#">[help]</a>			
<b>¼ Section</b>	<b>Section</b>	<b>Township</b>	<b>Range</b>
NE and SE	12	24N	3E
<b>5f.</b> Provide the latitude and longitude of the project location. <a href="#">[help]</a>			
<ul style="list-style-type: none"><li>Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83)</li></ul>			
47.58569254° N, 122.36353643° W			
<b>5g.</b> List the tax parcel number(s) for the project location. <a href="#">[help]</a>			
<ul style="list-style-type: none"><li>The local county assessor's office can provide this information.</li></ul>			
State-owned aquatic land parcels 7666705205, 7666705204, 7666705206, 122403HYDR (see Sheet 2 of 2)			
<b>5h.</b> Contact information for all adjoining property owners. (If you need more space, use <a href="#">JARPA Attachment C.</a> ) <a href="#">[help]</a>			
<b>Name</b>	<b>Mailing Address</b>		<b>Tax Parcel # (if known)</b>
Port of Seattle	PO Box 1209 Seattle, WA 98111		7666705200
<b>5i.</b> List all wetlands on or adjacent to the project location. <a href="#">[help]</a>			
N/A			

<b>5j.</b> List all waterbodies (other than wetlands) on or adjacent to the project location. <a href="#">[help]</a>
West Waterway/Elliott Bay
<b>5k.</b> Is any part of the project area within a 100-year floodplain? <a href="#">[help]</a>
Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
<b>5l.</b> Briefly describe the vegetation and habitat conditions on the property. <a href="#">[help]</a>
The shoreline adjacent to the site is comprised mainly of riprapped slopes that were constructed as part of the Lockheed West Seattle Superfund Site remedial action. The sediment surface in the subtidal portions of the site is sand that was placed as part of a remedial action conducted by Lockheed Martin Corporation (Lockheed Martin) pursuant to the Unilateral Administrative Order (UAO; United States Environmental Protection Agency [USEPA] Docket No. 10-2015-0079/ Comprehensive Environmental Response, Compensation, and Liability Act).
<b>5m.</b> Describe how the property is currently used. <a href="#">[help]</a>
The site is used for marine commerce and a portion of the site as a Federally-authorized navigation channel.
<b>5n.</b> Describe how the adjacent properties are currently used. <a href="#">[help]</a>
The adjacent property is Terminal 5 which is a marine terminal owned by the Port of Seattle
Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. <a href="#">[help]</a>
There are 4 derelict concrete or wood piling piers located along the shoreline of the site.
<b>5p.</b> Provide driving directions from the closest highway to the project location, and attach a map. <a href="#">[help]</a>
<p>As shown on Sheet 1 of 2 from the US Army Corps of Engineers office:</p> <p>Turn right onto East Marginal Way S</p> <p>Drive along Hwy 99 S/WA-509 S, W Marginal Way SW and Harbor Ave SW</p> <p>Take the WA-99 S exit toward W Marginal Way/South Park</p> <p>Keep right at the fork, follow signs for S Park/Holden St and merge onto WA-99/2nd Ave SW</p> <p>Use the left 2 lanes to turn left onto W Marginal Way SW</p> <p>Slight right onto SW Spokane St</p> <p>Keep right to stay on SW Spokane St, follow signs for Harbor Ave/Avalon Way</p> <p>Turn right onto Harbor Ave SW</p> <p>Drive to SW Florida St</p> <p>Turn right at SW Florida St</p> <p>Turn left onto SW Florida St to destination</p>

## Part 6–Project Description

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

Lockheed Martin has conducted the Lockheed West Seattle Superfund Site (Site) remedial action pursuant to the UAO. As a requirement of the UAO, Lockheed Martin is required to undertake a Five-Year Review monitoring as detailed in the Long-Term Monitoring and Maintenance Plan prepared as part of the Final (100 Percent) Design, Lockheed West Seattle Superfund Site Remedial Action, Seattle, Washington (Amec Foster Wheeler et al., 2018).

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

The purpose of the work is to determine if constructed shoreline slopes are stable, determine if there are significant changes in the elevation of the subtidal portions of the site compared to the post-construction condition, and to determine if there are changes in concentrations of chemicals of concern as compared to the concentrations immediately after construction. Work will include inspection of the shoreline slopes, conducting a multibeam bathymetric survey, and collection of sediment samples at 25 locations (plus 3 duplicate samples) for chemical analysis (see Sheet 2 of 2).

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

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

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

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

☒ Other: sediment sampling

**6e.** Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [\[help\]](#)

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year floodplain.

The shoreline condition survey will be conducted by walking the shoreline and noting the condition of the constructed shoreline noting any apparent changes as compared to the shoreline immediately post-construction. The multibeam bathymetric survey will be conducted across the subtidal portions of the Lockheed West Seattle Site (see Sheet 2 of 2). The bathymetric survey will be conducted using a small survey vessel.

Sediment samples will be collected at the 25 sample locations (plus 3 duplicate locations) using a 0.2 m<sup>2</sup> pneumatically operated vanVeen sampler operated from a small vessel.



<b>6f.</b> What are the anticipated start and end dates for project construction? (Month/Year) <a href="#">[help]</a> <ul style="list-style-type: none"> <li>If the project will be constructed in phases or stages, use <a href="#">JARPA Attachment D</a> to list the start and end dates of each phase or stage.</li> </ul>
Start Date: <u>August 1, 2022</u> End Date: <u>November 30, 2022</u> <input type="checkbox"/> See JARPA Attachment D
<b>6g.</b> Fair market value of the project, including materials, labor, machine rentals, etc. <a href="#">[help]</a>
NA
<b>6h.</b> Will any portion of the project receive federal funding? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>If <b>yes</b>, list each agency providing funds.</li> </ul>
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know

## Part 7–Wetlands: Impacts and Mitigation

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

<b>7a.</b> Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. <a href="#">[help]</a>
<input checked="" type="checkbox"/> Not applicable
<b>7b.</b> Will the project impact wetlands? <a href="#">[help]</a>
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
<b>7c.</b> Will the project impact wetland buffers? <a href="#">[help]</a>
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
<b>7d.</b> Has a wetland delineation report been prepared? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>If <b>Yes</b>, submit the report, including data sheets, with the JARPA package.</li> </ul>
<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>7e.</b> Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>If <b>Yes</b>, submit the wetland rating forms and figures with the JARPA package.</li> </ul>
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
<b>7f.</b> Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>If <b>Yes</b>, submit the plan with the JARPA package and answer 7g.</li> <li>If <b>No, or Not applicable</b>, explain below why a mitigation plan should not be required.</li> </ul>
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
<b>7g.</b> Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. <a href="#">[help]</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 <sup>1</sup>	Wetland type and rating category <sup>2</sup>	Impact area (sq. ft. or Acres)	Duration of impact <sup>3</sup>	Proposed mitigation type <sup>4</sup>	Wetland mitigation area (sq. ft. or acres)

<sup>1</sup> 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.

<sup>2</sup> Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

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

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

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

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

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

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

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

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

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

☐ Not applicable

The shoreline and bathymetric surveys are non-intrusive and will not impact the aquatic environment. Sediment sample collection uses the smallest sampler needed to collect the required sample volumes.

**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 will not require mitigation.

**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. [\[help\]](#)

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

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name <sup>1</sup>	Impact location <sup>2</sup>	Duration of impact <sup>3</sup>	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Sample collection (sediment removal)	Elliott Bay/West Waterway	Elliott Bay/West Waterway	2 days	<0.1 CY	~60 SF

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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. [\[help\]](#)

Not applicable

**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. [\[help\]](#)

Samples will be collected using a 0.2 m<sup>2</sup> pneumatically operated vanVeen sampler. Sample material will be sent to an analytical laboratory for analysis. Excess sample material will be disposed by the laboratory.



## 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
US EPA	Piper Peterson	(206) 553-4951	June 17, 2022

**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

Category	Parameter	Medium
4A	Ammonia-N	Water
4B	Arsenic	Sediment
5	Bacteria - Fecal coliform	Water
4B	Benzo(a)anthracene	Sediment
2	Bis(2-ethylhexyl)phthalate	Water
4B	Cadmium	Sediment
4B	Chromium	Sediment
4B	Chrysene	Sediment
4B	Copper	Sediment
5	Dissolved Oxygen	Water
4B	Fluoranthene	Sediment
4B	High Molecular Weight Polycyclic Aromatic Hydrocarbons (HPAH)	Sediment
4B	Lead	Sediment
4B	Low Molecular Weight Polycyclic Aromatic Hydrocarbons (LPAH)	Sediment
4B	Mercury	Sediment
4B	Pentachlorophenol	Sediment
4B	Polychlorinated Biphenyls (PCBs)	Sediment
5	Polychlorinated Biphenyls (PCBs)	Tissue
4B	Pyrene	Sediment
2	Sediment Bioassay	Sediment
4B	Silver	Sediment
4B	Zinc	Sediment

**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.

171100191200

<p><b>9d.</b> What Water Resource Inventory Area Number (WRIA #) is the project in? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Go to <a href="https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up">https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up</a> to find the WRIA #.</li> </ul>
WRIA 9
<p><b>9e.</b> Will the in-water construction work comply with the State of Washington water quality standards for turbidity? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Go to <a href="https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria">https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria</a> for the standards.</li> </ul>
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not applicable
<p><b>9f.</b> If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>If you don't know, contact the local planning department.</li> <li>For more information, go to: <a href="https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases">https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases</a>.</li> </ul>
<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input type="checkbox"/> Other: _____
<p><b>9g.</b> What is the Washington Department of Natural Resources Water Type? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Go to <a href="http://www.dnr.wa.gov/forest-practices-water-typing">http://www.dnr.wa.gov/forest-practices-water-typing</a> for the Forest Practices Water Typing System.</li> </ul>
<input checked="" type="checkbox"/> Shoreline <input type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal
<p><b>9h.</b> Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li><b>If No</b>, provide the name of the manual your project is designed to meet.</li> </ul>
<input type="checkbox"/> Yes <input type="checkbox"/> No   Not applicable
Name of manual: _____
<p><b>9i.</b> Does the project site have known contaminated sediment? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li><b>If Yes</b>, please describe below.</li> </ul>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>The Lockheed West Seattle Superfund Site remedial action was designed and implemented to remove sediment having concentrations of chemical greater than the Remedial Action Levels (RALs) promulgated in the UAO. Following removal of sediments above the RALs, a layer of clean sand was placed across the entire subtidal portion of the site. Following the remedial action, US EPA required that Environmental Covenants be placed on properties within the site boundaries.</p>
<p><b>9j.</b> If you know what the property was used for in the past, describe below. <a href="#">[help]</a></p>
<p>The site was previously used for shipbuilding/repair.</p>
<p><b>9k.</b> Has a cultural resource (archaeological) survey been performed on the project area? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li><b>If Yes</b>, attach it to your JARPA package.</li> </ul>
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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. [\[help\]](#)

ESA-listed species potentially occurring in the vicinity of the site include:

- Puget Sound Chinook salmon (*Oncorhynchus tshawytscha*);
- Puget Sound steelhead trout (*O. mykiss*);
- Coastal/Puget Sound bull trout (*Salvelinus confluentus*) and Dolly Varden (*S. malma*);
- Puget Sound/Georgia Basin Bocaccio (*Sebastes paucispinis*);
- Puget Sound/Georgia Basin Yelloweye rockfish (*S. ruberrimus*);
- Southern Resident Killer Whale (*Orcinus orca*);
- Humpback whale (*Megaptera novaeangliae*);
- Marbled murrelet (*Brachyramphus marmoratus marmoratus*)

**9m.** Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [\[help\]](#)

PHS Species:

- Bull Trout
- Coho
- Fall Chinook
- Fall Chum
- Pink Salmon Odd Year
- Resident Coastal Cutthroat
- Sockeye
- Summer Steelhead
- Winter Steelhead

PHS Habitat:

- Estuarine zone

## 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](mailto: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 **Error! Hyperlink reference not valid.** <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: Work is being conducted under an Unilateral Administrative Order with US EPA

☒ SEPA is pre-empted by federal law.



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

**LOCAL GOVERNMENT**

**Local Government Shoreline permits:**

- ☐ Substantial Development    ☐ Conditional Use    ☐ Variance  
☐ Shoreline Exemption Type (explain): \_\_\_\_\_

**Other City/County permits:**

- ☐ Floodplain Development Permit    ☐ Critical Areas Ordinance

**STATE GOVERNMENT**

**Washington Department of Fish and Wildlife:**

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

**Washington Department of Natural Resources:**

- ☒ Aquatic Use Authorization  
Complete [JARPA Attachment E](#) and submit a check for \$25 payable to the Washington Department of Natural Resources.  
**Do not send cash.**

**Washington Department of Ecology:**

- ☐ Section 401 Water Quality Certification    ☐ Non-Federally Regulated Waters

**FEDERAL AND TRIBAL GOVERNMENT**

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

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

**United States Coast Guard:**

For projects or bridges over waters of the United States, contact the U.S. Coast Guard at: [d13-pf-d13bridges@uscg.mil](mailto:d13-pf-d13bridges@uscg.mil)

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

**United States Environmental Protection Agency:**

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

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

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

## Part 11—Authorizing Signatures

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

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

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

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

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. \_\_\_\_\_ (initial)

Mary Morningstar

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.

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



## Part 11—Authorizing Signatures

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

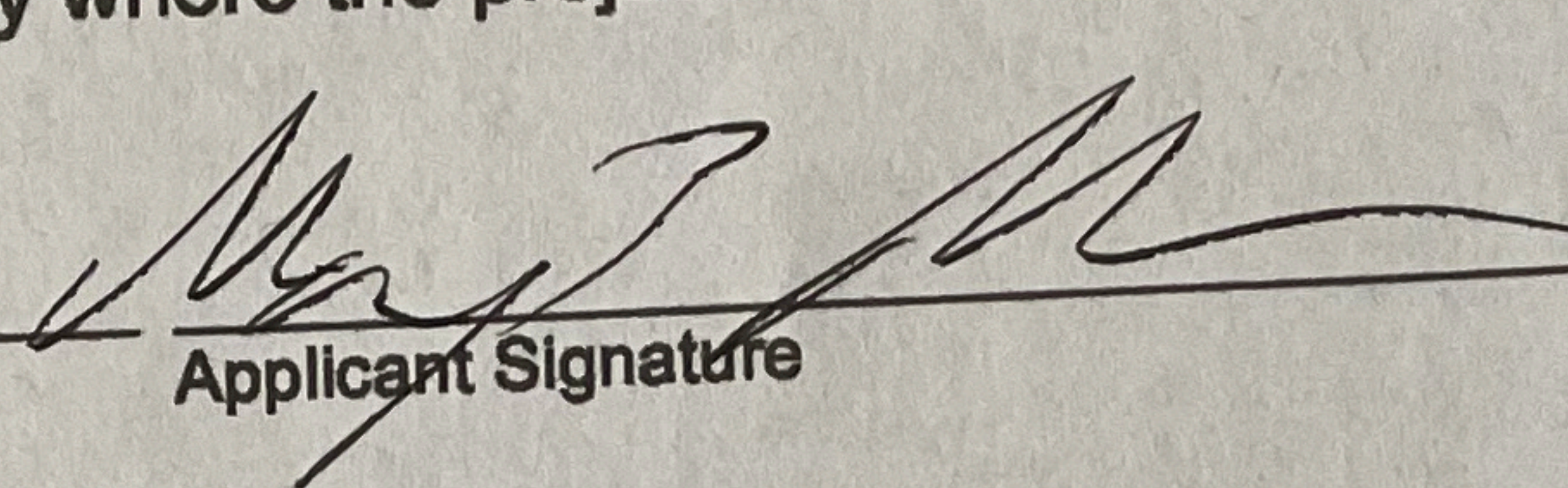
### 11a. Applicant Signature (required) [\[help\]](#)

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. MPM (initial)

Mary Morningstar  
Applicant Printed Name

  
Applicant Signature

7/26/22  
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.

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



US Army Corps  
of Engineers  
Seattle District

AGENCY USE ONLY

Date received: 8/09/2022; ☐ Town  
☒ Application Fee Received; ☐ Fee N/A  
☒ New Application; ☐ Renewal Application  
Type/Prefix #: 23; Nature Use Code: Z124  
LM Initials & BP#: VHAW; 1051985  
RE Assets Finance BP#: 1071152  
New Application Number: 23-103986  
Trust(s): 25 Harbor Area; County: 17 King  
AQR Plate #(s): SF17-011  
Gov Lot #(s): \_\_\_\_\_  
Tax Parcel #(s): \_\_\_\_\_

**Attachment E:**  
**Aquatic Use Authorization on**  
**Department of Natural Resources**  
**(DNR)-managed aquatic lands** [\[help\]](#)

Complete this attachment and submit it with the completed JARPA form only if you are applying for an Aquatic Use Authorization with DNR. Call (360) 902-1100 or visit <http://www.dnr.wa.gov/programs-and-services/aquatics/leasing-and-land-transactions> for more information.

- DNR recommends you discuss your proposal with a DNR land manager before applying for regulatory permits. Contact your regional land manager for more information on potential permit and survey requirements. You can find your regional land manager by calling (360) 902-1100 or going to <http://www.dnr.wa.gov/programs-and-services/aquatics/aquatic-districts-and-land-managers-map>. [\[help\]](#)
- The applicant may not begin work on DNR-managed aquatic lands until DNR grants an Aquatic Use Authorization.
- Include a \$25 non-refundable application processing fee, payable to the "Washington Department of Natural Resources." (Contact your Land Manager to determine if and when you are required to pay this fee.) [\[help\]](#)

DNR may reject the application at any time prior to issuing the applicant an Aquatic Use Authorization. [\[help\]](#)

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

<b>1. Applicant Name</b> (Last, First, Middle)	
Morningstar, Mary	
<b>2. Project Name</b> (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) <a href="#">[help]</a>	
Lockheed West Seattle Superfund Site Long-Term Monitoring	
<b>3. Phone Number and Email</b>	
(301) 214-3397; <a href="mailto:mary.p.morningstar@lmco.com">mary.p.morningstar@lmco.com</a>	
<b>4. Which of the following applies to Applicant?</b> Check one and, if applicable, attach the written authority – bylaws, power of attorney, etc. <a href="#">[help]</a>	
<input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Limited Partnership <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Liability Company  Home State of Registration: <u>Maryland</u>	<input type="checkbox"/> Individual <input type="checkbox"/> Marital Community (Identify spouse): _____ <input type="checkbox"/> Government Agency <input type="checkbox"/> Other (Please Explain): _____

5. Washington UBI (Unified Business Identifier) number, if applicable: [\[help\]](#)

Not applicable

6. Are you aware of any existing or previously expired Aquatic Use Authorizations at the project location?

☐ Yes ☒ No ☐ Don't know

If Yes, Authorization number(s): \_\_\_\_\_

7. Do you intend to sublease the property to someone else?

☐ Yes ☒ No

If Yes, contact your Land Manager to discuss subleasing.

8. If fill material was used previously on DNR-managed aquatic lands, describe below the type of fill material and the purpose for using it. [\[help\]](#)

Lockheed Martin Corporation conducted the Lockheed West Seattle Superfund Site (Site) remedial action pursuant to the Unilateral Administrative Order (UAO) (United States Environmental Protection Agency [USEPA] Docket No. 10-2015-0079/ Comprehensive Environmental Response, Compensation, and Liability Act). As part of the remedial action, a sand layer was placed across the site including all or portions of the following State-owned aquatic land parcels: 122403HYDR, 7666705206, 7666705204, and 7666705205.

**To be completed by DNR and a copy returned to the applicant.**

Signature for projects on DNR-managed aquatic lands:

Applicant must obtain the signature of DNR Aquatics District Manager OR Assistant Division Manager if the project is located on DNR-managed aquatic lands.

I, a designated representative of the Dept. of Natural Resources, am aware that the project is being proposed on Dept. of Natural Resources-managed aquatic lands and agree that the applicant or his/her representative may pursue the necessary regulatory permits. My signature does not authorize the use of DNR-managed aquatic lands for this project.

Jessica Olmstead

Printed Name

Dept. of Natural Resources

District Manager or Assistant Division Manager

Signature

Dept. of Natural Resources

District Manager or Assistant Division Manager

8/10/2022

Date

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 ORIA-16-016 rev. 10/2016





<p><b>PURPOSE:</b> Application for Site Use Authorization</p> <p><b>DATUM:</b></p> <p><b>ADJACENT PROPERTY OWNERS:</b> Port of Seattle</p>	<p><b>APPLICANT REFERENCE:</b></p> <p><b>LOCATION:</b> West Waterway</p>	<p><b>PROPOSED:</b> Site Access for Five-Year Review Monitoring</p> <p><b>IN:</b></p> <p><b>NEAR/AT:</b> Seattle</p> <p><b>COUNTY:</b> King <b>STATE:</b> WA</p> <p><b>APPLICATION BY:</b> Katrina Gove, Lockheed Martin Corporation</p> <p><b>SHEET:</b> 1 of 2</p> <p><b>DATE:</b> July 2022</p>
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<p>PURPOSE: Application for Site Use Authorization</p> <p>DATUM:</p> <p>ADJACENT PROPERTY OWNERS: Port of Seattle</p>	<p>APPLICANT REFERENCE:</p> <p>LOCATION: West Waterway</p>	<p>PROPOSED: Site Access for Five-Year Review Monitoring</p> <p>IN:</p> <p>NEAR/AT: Seattle</p> <p>COUNTY: King STATE: WA</p> <p>APPLICATION BY: Katrina Gove, Lockheed Martin Corporation</p> <p>SHEET: 2 of 2</p> <p>DATE: July 2022</p>
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