Application for Use of State-Owned Aquatic Lands

Applicant Name: Lockheed Martin Corporation
County: King County
Water Body: Elliott Bay & West Duwamish Waterway
Authorization Type & Use: Right of Entry for Lockheed West Seattle Superfund Site long-term monitoring
Authorization Number: 23-103570
Term: 1 year
Description: 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.
Location of Right of Entry

Vicinity Map

Location:
West Waterway and Elliott Bay

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.

Prepared By: Elyse Weaver     Date: 09/12/2022
Aerial Image from 2017
**Part 1–Project Identification**

1. **Project Name** (A name for your project that you create. Examples: Smith’s Dock or Seabrook Lane Development)

   Lockheed West Seattle Superfund Site Long-Term Monitoring

**Part 2–Applicant**

The person and/or organization responsible for the project.

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)**

   (301) 214-3397

2f. **Phone (2)**

   

2g. **Fax**

   

2h. **E-mail**

   mary.p.morningstar@lmco.com

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


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]

3a. Name (Last, First, Middle)

3b. Organization (If applicable)

3c. Mailing Address (Street or PO Box)

3d. City, State, Zip

3e. Phone (1) | 3f. Phone (2) | 3g. Fax | 3h. 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.

4a. Name (Last, First, Middle)

Roach, Vivian

4b. Organization (If applicable)

Washington State Department of Natural Resources

4c. Mailing Address (Street or PO Box)

4d. City, State, Zip

4e. Phone (1) | 4f. Phone (2) | 4g. Fax | 4h. E-mail

(253) 341-7564 | (360) 825-1672 | vivian.roach@dnr.wa.gov
Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [help]

☐ There are multiple project locations (e.g. linear projects). Complete the section below and use JARPA Attachment B for each additional project location.

5a. Indicate the type of ownership of the property. (Check all that apply.) [help]

☐ Private
☐ Federal
☐ Publicly owned (state, county, city, special districts like schools, ports, etc.)
☐ Tribal
☒ Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E)

5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]

Properties are located in the West Waterway and Elliott Bay (see Sheet 2 of 2)

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

Seattle, WA

5d. County [help]

King

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

<table>
<thead>
<tr>
<th>¼ Section</th>
<th>Section</th>
<th>Township</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE and SE</td>
<td>12</td>
<td>24N</td>
<td>3E</td>
</tr>
</tbody>
</table>

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

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

47.58569254° N, 122.36353643° W

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

• The local county assessor’s office can provide this information.

State-owned aquatic land parcels 7666705205, 7666705204, 7666705206, 122403HYDR (see Sheet 2 of 2)

5h. Contact information for all adjoining property owners. (If you need more space, use JARPA Attachment C.) [help]

<table>
<thead>
<tr>
<th>Name</th>
<th>Mailing Address</th>
<th>Tax Parcel # (if known)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port of Seattle</td>
<td>PO Box 1209</td>
<td>7666705200</td>
</tr>
<tr>
<td></td>
<td>Seattle, WA 98111</td>
<td></td>
</tr>
</tbody>
</table>

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

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

West Waterway/Elliott Bay

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 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).

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

The site is used for marine commerce and a portion of the site as a Federally-authorized navigation channel.

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

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. [help]

There are 4 derelict concrete or wood piling piers located along the shoreline of the site.

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

As shown on Sheet 1 of 2 from the US Army Corps of Engineers office:
Turn right onto East Marginal Way S
Drive along Hwy 99 S/WA-509 S, W Marginal Way SW and Harbor Ave SW
Take the WA-99 S exit toward W Marginal Way/South Park
Keep right at the fork, follow signs for S Park/Holden St and merge onto WA-99/2nd Ave SW
Use the left 2 lanes to turn left onto W Marginal Way SW
Slight right onto SW Spokane St
Keep right to stay on SW Spokane St, follow signs for Harbor Ave/Avalon Way
Turn right onto Harbor Ave SW
Drive to SW Florida St
Turn right at SW Florida St
Turn left onto SW Florida St to destination
### Part 6–Project Description

#### 6a. Briefly summarize the overall project. You can provide more detail in 6b.  

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.  

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)  

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

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

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

☐ Other: sediment sampling

#### 6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used.  

- 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 m² pneumatically operated vanVeen sampler operated from a small vessel.
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: August 1, 2022   End Date: November 30, 2022   ☐ See JARPA Attachment D

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

   NA

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

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]
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]

<table>
<thead>
<tr>
<th>Activity (fill, drain, excavate, flood, etc.)</th>
<th>Wetland Name¹</th>
<th>Wetland type and rating category²</th>
<th>Impact area (sq. ft. or Acres)</th>
<th>Duration of impact³</th>
<th>Proposed mitigation type⁴</th>
<th>Wetland mitigation area (sq. ft. or acres)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹ If no official name for the wetland exists, create a unique name (such as “Wetland 1”). The name should be consistent with other project documents, such as a wetland delineation report.

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

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

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

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

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

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

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

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

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

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

☐ Not applicable

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]

<table>
<thead>
<tr>
<th>Activity (clear, dredge, fill, pile drive, etc.)</th>
<th>Waterbody name¹</th>
<th>Impact location²</th>
<th>Duration of impact³</th>
<th>Amount of material (cubic yards) to be placed in or removed from waterbody</th>
<th>Area (sq. ft. or linear ft.) of waterbody directly affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample collection (sediment removal)</td>
<td>Elliott Bay/West Waterway</td>
<td>Elliott Bay/West Waterway</td>
<td>2 days</td>
<td>&lt;0.1 CY</td>
<td>~60 SF</td>
</tr>
</tbody>
</table>

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]

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 m² 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]

<table>
<thead>
<tr>
<th>Agency Name</th>
<th>Contact Name</th>
<th>Phone</th>
<th>Most Recent Date of Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>US EPA</td>
<td>Piper Peterson</td>
<td>(206) 553-4951</td>
<td>June 17, 2022</td>
</tr>
</tbody>
</table>

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

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

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
9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help]
- Go to [https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up](https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up) to find the WRIA #.

<table>
<thead>
<tr>
<th>WRIA 9</th>
</tr>
</thead>
</table>

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

- □ Yes  □ No  ☒ Not applicable

9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help]
- If you don’t know, contact the local planning department.

- ☒ 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](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  Not applicable

Name of manual: ____________________________________________________________

9i. Does the project site have known contaminated sediment? [help]
- If Yes, please describe below.

- ☒ Yes  □ No

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.

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

The site was previously used for shipbuilding/repair.

9k. Has a cultural resource (archaeological) survey been performed on the project area? [help]
- If Yes, attach it to your JARPA package.

- □ Yes  ☒ No
91. 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.

- 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]


☐ 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**

<table>
<thead>
<tr>
<th>Local Government Shoreline permits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Substantial Development ☐ Conditional Use ☐ Variance</td>
</tr>
<tr>
<td>☐ Shoreline Exemption Type (explain): ________</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other City/County permits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Floodplain Development Permit ☐ Critical Areas Ordinance</td>
</tr>
</tbody>
</table>

**STATE GOVERNMENT**

<table>
<thead>
<tr>
<th>Washington Department of Fish and Wildlife:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Hydraulic Project Approval (HPA) ☐ Fish Habitat Enhancement Exemption – [Attach Exemption Form]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Washington Department of Natural Resources:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ Aquatic Use Authorization</td>
</tr>
<tr>
<td>Complete [JARPA Attachment E] and submit a check for $25 payable to the Washington Department of Natural Resources. Do not send cash.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Washington Department of Ecology:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Section 401 Water Quality Certification ☐ Non-Federally Regulated Waters</td>
</tr>
</tbody>
</table>

**FEDERAL AND TRIBAL GOVERNMENT**

<table>
<thead>
<tr>
<th>United States Department of the Army (U.S. Army Corps of Engineers):</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Section 404 (discharges into waters of the U.S.) ☐ Section 10 (work in navigable waters)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>United States Coast Guard:</th>
</tr>
</thead>
<tbody>
<tr>
<td>For projects or bridges over waters of the United States, contact the U.S. Coast Guard at: [<a href="mailto:d13-pf-d13bridges@uscg.mil">d13-pf-d13bridges@uscg.mil</a>]</td>
</tr>
<tr>
<td>☐ Bridge Permit ☐ Private Aids to Navigation (or other non-bridge permits)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>United States Environmental Protection Agency:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ 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)</td>
</tr>
</tbody>
</table>

**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]

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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).

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Property Owner Signature

Date

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

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.

1. Applicant Name (Last, First, Middle)
   Morningstar, Mary

2. 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

3. Phone Number and Email
   (301) 214-3397; mary.p.morningstar@lmco.com

4. Which of the following applies to Applicant? Check one and, if applicable, attach the written authority – bylaws, power of attorney, etc. [help]

   ☒ Corporation
     ☐ Limited Partnership
     ☐ General Partnership
     ☐ Limited Liability Company

   Home State of Registration:
     Maryland

   ☐ Individual
     ☐ Marital Community (Identify spouse):

     ☐ Government Agency
     ☐ Other (Please Explain):

[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):
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  ☐ Don’t know  
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.

__________________________________ __________________________________ ________________  
Printed Name     Signature     Date

Dept. of Natural Resources   D ept. of Natural Resources  
District Manager or Assistant Division Manager 

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
PURPOSE: Application for Site Use Authorization

APPLICANT REFERENCE: Katrina Gove, Lockheed Martin Corporation

LOCATION: West Waterway

PROPOSED: Site Access for Five-Year Review Monitoring

IN: Seattle

NEAR/AT: Seattle

COUNTY: King

STATE: WA

APPLICATION BY: Katrina Gove, Lockheed Martin Corporation

SHEET: 1 of 2

DATE: July 2022
LEGEND
- Sample Location
- Site Boundary
- State-Owned Parcel
- Port-Owned Parcel

PURPOSE: Application for Site Use Authorization

DATUM:

ADJACENT PROPERTY OWNERS: Port of Seattle

APPLICANT REFERENCE:
LOCATION: West Waterway

PROPOSED: Site Access for Five-Year Review Monitoring

IN:
NEAR/AT: Seattle
COUNTY: King
STATE: WA
APPLICATION BY: Katrina Gove, Lockheed Martin Corporation

SHEET: 2 of 2
DATE: July 2022