



**Exxon Valdez Oil Spill Trustee Council**  
**General Restoration, Habitat Enhancement, Habitat Protection, and Facilities Projects**  
**Quarterly Project Reporting Form**

---

***\*Detailed instructions for each section below are given in Section II. Quarterly Project Reports in the Reporting Policy on the website, <https://evostc.state.ak.us/policies-procedures/reporting-procedures/>***

**Project Number:** 21210131

**Project Title:** Alaska SeaLife Center Facilities Project \$2,000,000/\$500,000

**Principal Investigator(s):** Chip Arnold, Ben Smith

**Reporting Periods and Due Dates:**

<i>Reporting Period</i>	<i>Due Date</i>
February, March, April	June 1
May, June, July	September 1
August, September, October	December 1
November, December, January	March 1

**Submission Date:** April 29, 2025.

**Project Website:** N/A

Please check all the boxes that apply to the current reporting period.

☒ **Project progress is on schedule.**

☐ **Project progress is delayed.**

☐ **Budget reallocation request.**

☐ **Personnel changes.**



**Exxon Valdez Oil Spill Trustee Council**  
**General Restoration, Habitat Enhancement, Habitat Protection, and Facilities Projects**  
**Quarterly Project Reporting Form**

---

## **1. Summary of Work Performed:**

### **Building Infrastructure:**

The Trane BAS and Lutron lighting systems continue to perform well. No additional funding was required for this reporting period.

### **Seawater Life Support System:**

August 2024 flooding from Lowell Canyon caused significant damage to ASLC pumps due to high sediment load. ASLC staff responded by pulling a seized up and damaged, recently rebuilt pump (LSS-2) and sent it to GLM turbines for rebuilding. When ASLC staff attempted to pull new pump LSS-6 that was vibrating badly it was found the overhead crane was defective and also needed replacement. A new crane and trolley were ordered and installed by Washington Crane and Hoist. Due to these delays ASLC staff is still working hard to catch up with repairs.

Additional conversations with the Army Corps and PND Engineering spurred ASLC to direct PND Engineering to re-allocate \$40,000 from the engineering support and repair budget to preliminary project design and scoping for a new intake line project. Recent experience makes it clear that the existing intake lines are in danger of being completely covered in sediment from the tunnel discharge and a new line further away is the only viable long term answer. ASLC is seeking additional funding for this project as it will exceed the remaining EVOS funds.

Due to the failure of the three pumps no ROV or dive work that was planned could be completed. ASLC requires continuous water pumping from the intake well, which in order to dive or shut down an intake line either side must be fully available. When enough pumps are repaired and placed back into service American Marine will be notified and another attempt to dive and clean the intake line strainer and inspect the pipe interiors will be made.

### **Seawater Pump Replacements:**

Southbeach lift station pump replacements were installed and put into service. As mentioned above LSS-2 was removed and sent for repairs at GLM turbines. LSS-6 and LSS-7 will have to be pulled and inspected for damage following the August flood events. An additional GPM eliminator submersible pump was ordered to handle effluent flows in the waste basin. This pump model is proving to be much more reliable than existing pumps were prior to beginning the seawater replacement pump program.

### **Ozone Water Treatment System:**

Additional Ozone system components have been identified as requiring replacement. ASLC Operations staff is working on a corrective action plan. ASLC recently placed an order for more



**Exxon Valdez Oil Spill Trustee Council**  
**General Restoration, Habitat Enhancement, Habitat Protection, and Facilities Projects**  
**Quarterly Project Reporting Form**

---

cells and is working with Ozone Water Systems for a return site visit, staff training and commissioning of replacement parts.

**Pump House Barrier:**

No changes to plans for pump house barrier projects are present at this time, however ASLC continues to monitor Army Corps of Engineering plans for the discharge tunnel.

**Cast Iron Drainpipe Assessment:**

No additional work has been done on drainage systems, however, ASLC staff continues to monitor drainpipes and has discovered several areas of concern.

---

**2. Abstract:**

The Alaska SeaLife Center (ASLC) continues to navigate significant operational challenges while maintaining critical systems. The Trane BAS and Lutron lighting systems remain functional without additional funding required this period. However, August 2024 flooding from Lowell Canyon caused substantial damage to seawater life support pumps, necessitating the repair of pump LSS-2 and the replacement of a defective crane by Washington Crane and Hoist. These delays have hindered planned ROV and dive work, which will resume once sufficient pumps are operational. ASLC reallocated \$40,000 from its engineering budget toward scoping a new intake line project to mitigate future sediment issues, while seeking additional funding for this critical effort. The Southbeach lift station pumps were successfully replaced, and inspections are planned for other pumps impacted by the flooding. In the ozone water treatment system, additional components require replacement, with corrective actions underway. While there are no changes to the pump house barrier project, ASLC continues to monitor Army Corps plans for the discharge tunnel. Drainpipe monitoring has revealed new areas of concern, though no additional work has been conducted. Efforts to address these issues reflect ASLC's dedication to system resilience and long-term infrastructure improvements.

---

**3. Coordination and Collaboration:**

N/A

---



**Exxon Valdez Oil Spill Trustee Council**  
**General Restoration, Habitat Enhancement, Habitat Protection, and Facilities Projects**  
**Quarterly Project Reporting Form**

**4. Response to EVOSTC Review, Recommendations and Comments:**

N/A

**5. Budget:**

Budget Category:	Proposed FY 22	Proposed FY 23	Proposed FY 24	Proposed FY 25	Proposed FY 26	5-YR TOTAL PROPOSED	ACTUAL CUMULATIVE
Personnel	\$0	\$0	\$0	\$0	\$0	\$0	-
Travel	\$0	\$0	\$0	\$0	\$0	\$0	1,231
Contractual	\$126,095	\$0	\$0	\$0	\$0	\$126,095	306,301
Commodities	\$0	\$0	\$0	\$0	\$0	\$0	114,974
Equipment	\$2,373,905	\$0	\$0	\$0	\$0	\$2,373,905	921,178
Indirect Costs (10%)	\$0	\$0	\$0	\$0	\$0	\$0	112,925
<b>SUBTOTAL</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>	<b>\$1,456,608</b>
General Administration (9% of subtotal)	\$225,000	\$0	\$0	\$0	\$0	\$225,000	N/A
<b>PROJECT TOTAL</b>	<b>\$2,725,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,725,000</b>	
Other Resources (In-Kind Funds)	\$580,897	\$0	\$0	\$0	\$0	\$580,897	\$706,204

**INSTRUCTIONS:** This summary page provides a five-year overview (FY 22-26) of proposed funding and actual cumulative spending which includes the non-trustee agency and trustee agency worksheets. **This Summary Page should automatically populate as the formulas reference the cells in the non-trustee agency and trustee agency worksheets. Please make sure the totals given are correct.** The column titled 'Actual Cumulative' will be updated each fiscal year and included in the annual report (include information on the total amount actually spent for all completed years of the project). On the Project Annual Report Form, if any line item exceeds a 10% deviation from the originally-proposed amount; provide detail regarding the reason for the deviation.

**COMMENTS:** Expenses through October 2024

<b>FY22-26</b>	Project Number: 21210131 Project Title: Alaska SeaLife Center Facilities Project \$2,000,000/\$500,000 PM(s): Arnold, Smith	<b>SUMMARY TABLE</b>
----------------	--	----------------------