



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

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***\*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:** January 12, 2026

**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.**



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

### **Building Automation**

The Trane BAS and Lutron system continue to perform well. The BAS system has continued to provide insight into building heat loads and help identify energy savings potentials. No additional work is expected for this task outside of routine maintenance and service.

### **Seawater Life Support**

Significant logistical work, engineering and planning took place during this reporting period. The siphon downcomer and spool piece needed for chamber B in the seawater intake had final design completed and was submitted by American Marine to a subcontractor for construction. The repair pieces are scheduled to be installed early September 2025. The cost of materials and construction for replacing the intake siphon components is \$139,195. These repairs will enable B line to provide much needed critical water flow through the entire tide cycle and include provisions for a future pig launcher if required. PND Engineering was responsible for the design and coordination with American Marine for installation work. ASLC staff procured a portable ultrasonic flow meter that will be used to verify supply pump flows during installation, which will require frequent changes to supply pumps and distribution valves. Also in preparation for installation ASLC staff temporarily removed and capped two 12" PVC lines that would interfere with the installation process.



**Image 1.** Replacement HDPE tee in the fabricator's laydown yard.



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## **Seawater Pump Replacement**

The new seawater pumps purchased from Industrial Pumps of Alaska have been exhibiting early signs of failures including corrosion, damage to shafting and bearings, and excess vibration. Some warranty services were obtained from IPA free of charge, however ASLC is currently working with GLM Energy Services in Kenai to rebuild, repair and troubleshoot pumps as needed.

## **Ozone Systems**

ASLC staff continue to troubleshoot issues with the ozone treatment system. ASLC has scheduled a site visit from Ozona Water Systems to obtain a higher level of onsite technical support and training.

### **Pump House Barrier:**

No changes to plans for pump house barrier projects are present currently, 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.

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## **2. Abstract:**

The Alaska SeaLife Center (ASLC) continued proactive management of facility and life support systems this period. The Trane BAS and Lutron controls performed reliably, aiding in energy monitoring with only routine service anticipated. Major work focused on the seawater intake, where final design and fabrication of replacement siphon components for Chamber B were completed, with September 2025 installation scheduled. These upgrades will restore critical flow capacity and allow future pigging. Preparatory work included piping modifications and procurement of ultrasonic flow metering. New seawater pumps have shown early failures; ASLC is coordinating with GLM Energy Services for repair and reliability improvements. Ozone treatment challenges remain, with advanced technical support scheduled. Additional efforts included ongoing drainpipe monitoring and tracking of Army Corps planning for the pump house barrier.

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**3. Coordination and Collaboration:**

N/A

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

N/A

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**5. Budget:**

Please see next page.



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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	\$0
Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$1,231
Contractual	\$126,095	\$0	\$0	\$0	\$0	\$126,095	\$354,985
Commodities	\$0	\$0	\$0	\$0	\$0	\$0	\$121,087
Equipment	\$2,373,905	\$0	\$0	\$0	\$0	\$2,373,905	\$1,031,688
Indirect Costs (10%)	\$0	\$0	\$0	\$0	\$0	\$0	\$118,012
<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>\$1,627,003</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>	
<b>Other Resources (In-Kind Funds)</b>	<b>\$580,897</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$580,897</b>	<b>\$706,204</b>

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