



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):** Brad Ryan, 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:** 2/13/2026

**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.**



**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:**

No additional lighting or building automation systems work was performed using EVOS funds for this reporting period. Recent energy analysis did indicate there may be as much as a 5% reduction in facility wide energy costs for the 2025 calendar year. This preliminary data is promising with a large portion likely attributed to improvements directly tied to EVOS related work on lighting and building automation.

**Seawater Life Support System:**

Construction work on the seawater intake siphon replacement recommenced on December 8, 2025, following a pause to procure an additional 24-inch coupling and to reschedule the dive team. During this period, ASLC operated the intake well with B Line completely sealed off. This revealed useful operating characteristics of A Line that will inform future cleaning efforts focused on A Line and its pig trap. Without the destabilizing effects of the failed B Line siphon, A Line supplied water more consistently, though still with notable flow restrictions.



*Image 1. Completed 24" HDPE siphon system.*

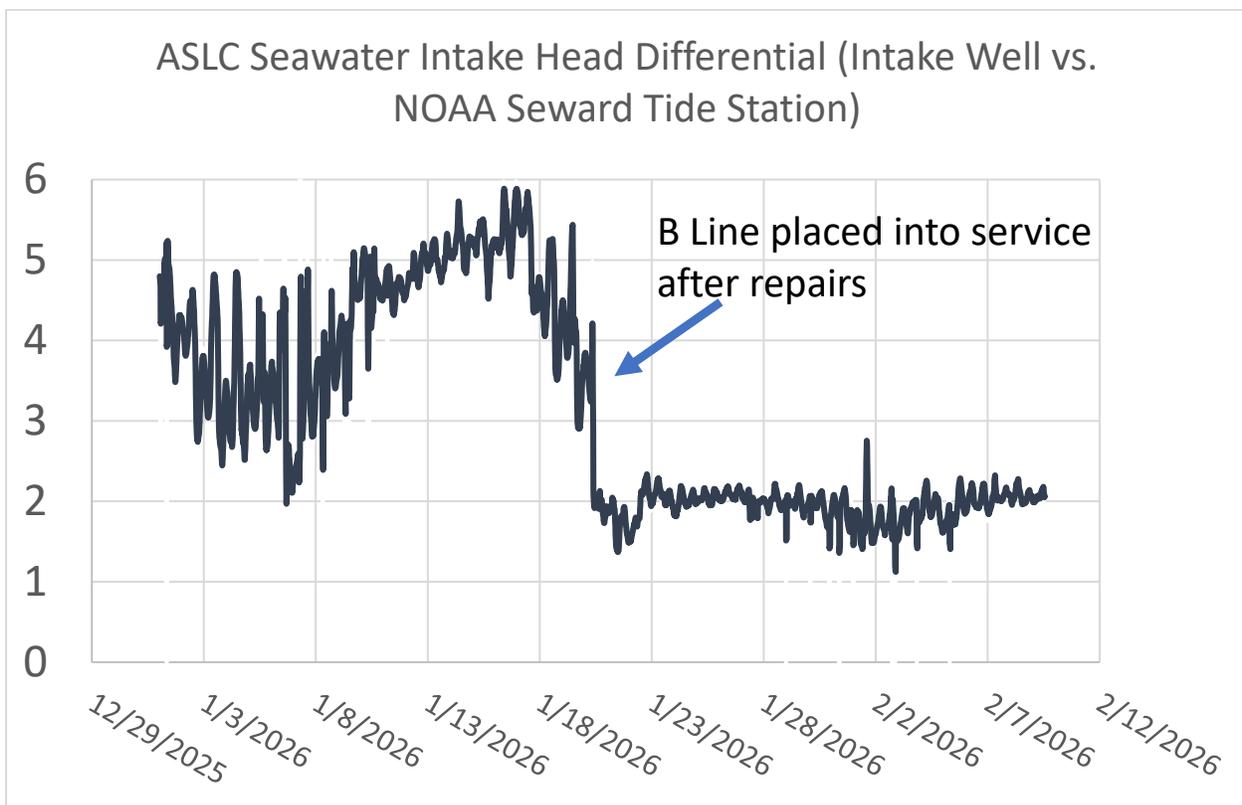
American Marine installed the remaining mounting brackets, supports, valves, and intake pipe sections. Most of this work was completed from scaffolding, reducing diving costs. Final siphon pipe supports were installed underwater by divers in late December. ASLC Operations staff assisted AMI with the design and installation of the siphon priming system.



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

PND Engineering’s project budget was exhausted near completion, and they advised that minimal additional engineering support was anticipated. ASLC supervised the final installation and project closeout.

After allowing the line to backflush stagnant water for one week through a 2-inch test port, ASLC placed B Line back into service. Testing over multiple tide cycles indicated little to no detectable leakage. The siphon was determined to be airtight and capable of maintaining vacuum.



**Left (Pre-Repair):** Elevated and erratic head differential with strong tidal oscillation effects, indicating significant flow restriction. Higher differential head indicate poor intake line performance before the repair was completed.

**Right (Post-Repair):** Substantially reduced head differential with more linear tidal response, indicating improved hydraulic performance.

Notably, and somewhat unexpectedly, B Line—still assumed to have a buried intake—performed substantially better than anticipated. The observed pressure differential between the Seward tide station and the intake well decreased from peak values of approximately 5 feet to between 2 and 3 feet. This reduction significantly lowers pump demand during low tide



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

conditions by providing necessary suction head to the intake pumps, and allows ASLC to maintain critical habitat flows during periods that previously required operational curtailment.

**SeaWater Pump Replacements:**

During this report period an intake pump was observed to be no meeting minimum pressure and flow requirements (Pump # LSS-3). This pump was removed and sent to GLM Energy for rebuilding. The base will also need to be re-grouted. This work is expected to be reported in the next reporting period.



*Image 2. Impeller section from LSS-3 after sand blasting showing significant pitting and corrosion. This pump is intended to be rebuilt and placed back in service.*

**Ozone Water Treatment System:**

The ozone system has been functioning but is continuing to have intermittent issues regulating ozone and staying online. ASLC Operations is investigating.

**Pump House Barrier:**

No additional work is planned for a pump house barrier wall until USACE projects are further along or completed.

**Cast Iron Drain Pipe Assessment:** The ASLC infrastructure continues to suffer from drain leaks and blockages. ASLC continues with corrective maintenance on these systems but has not had the personal capacity available to initiate a more comprehensive assessment program.



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

---

**2. Abstract:**

During this reporting period, no additional EVOS-funded lighting or building automation work was performed; however, preliminary 2025 energy analysis indicates an estimated 5% facility-wide energy reduction, likely attributable in part to prior EVOS-supported improvements. The primary focus was completion and recommissioning of the 24-inch HDPE seawater intake siphon (B Line). Construction resumed December 8, 2025, and following installation of remaining supports, valves, and priming components, the line was backflushed, tested over multiple tide cycles, and confirmed airtight with no detectable leakage. Post-repair monitoring shows the head differential between the intake well and Resurrection Bay decreased from approximately 5 feet to 2–3 feet and now tracks tidal cycles more linearly, indicating reduced flow restriction, lower pump demand during low tide, and improved hydraulic performance. Additionally, Pump LSS-3 was removed for rebuild due to corrosion and reduced performance, with reinstallation anticipated next period; the ozone system remains operational but under investigation for intermittent control issues. Work on the pump house barrier wall and a comprehensive cast iron drain assessment remains on hold pending capacity and external project coordination.

---

**3. Coordination and Collaboration:**

N/A

---

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

N/A

---

**5. Budget:**

Please see next page.



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

| Budget Category:                        | Proposed<br>FY 22  | Proposed<br>FY 23 | Proposed<br>FY 24 | Proposed<br>FY 25 | Proposed<br>FY 26 | 5-YR TOTAL<br>PROPOSED | ACTUAL<br>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              | 662,157              |
| Commodities                             | \$0                | \$0               | \$0               | \$0               | \$0               | \$0                    | 130,239              |
| Equipment                               | \$2,373,905        | \$0               | \$0               | \$0               | \$0               | \$2,373,905            | 1,047,486            |
| Indirect Costs (10%)                    | \$0                | \$0               | \$0               | \$0               | \$0               | \$0                    | 171,892              |
| <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>\$2,013,005</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 January 2026

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