



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: 19190125

Project Title: Prince William Sound Science Center (PWSSC) Facilities Replacement Project

Principal Investigator(s): Katrina Hoffman (PWSSC)

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: June 1, 2024

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

Over time, the project had been delayed due to a variety of factors influenced by the novel coronavirus pandemic, shipping delays, and a variety of parts and equipment that were found to be defective or damaged upon arrival, including the heat pump, which was a significant issue. More recently, we learned of a manufacturing error with the buffer tank that is part of the running seawater system. It will affect the long-term operations and maintenance costs to the owner and we have asked the contractor to work on a resolution.

Budget reallocation request for this reporting period.

N/A

Personnel changes.



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1. Summary of Work Performed:

In February 2024 the following work was performed:

- Contractor repaired broken tiles in the atrium, for which the longevity was challenged by installation conditions.
- Penetrations between the attic were sealed and faulty relief valves that had caused water leakage into the second floor were corrected.
- Some retainage was paid from earlier portions of the project that have been completed.

In March 2024 the following work was performed:

- The heat pump became temporarily inoperable due to a side effect of the manufacturing process. Tools were shipped to PWSSC for specialized repairs to be completed in April.
- Air vents were ordered for the sand filters in the seawater system.
- Backwash testing was conducted on the seawater system
- Variable air valves were tested in the HVAC system and determined to be not functioning as intended so additional programming was requested.

In April 2024:

- Warrantied repairs were completed on the heat pump.
 - Recording fees were paid and the easement was recorded for the tideland associated with the intake and outfall pipes that are integral to the seawater system.
 - Commissioning of the seawater system and HVAC system was conducted. This involved engineers, technicians, and programmers working together to optimize system function and identify areas where corrections are needed. One area where corrections are needed is in the main wet chemistry lab; air is not moving optimally between the lab alcoves and main lab when alcove doors are closed. The contractor is working on a solution, which will most likely be the installation of louvers into the doors.
 - Intake lines were pigged for the first time—this was a test of system function. The test succeeded.
 - Punch list items were identified, to include:
 - Replacing a leaking valve in the new heat exchanger—manufacturing defect
 - Complete refrigerant vent piping off heat pump
 - Install floor drain covers/grates in pump house
 - Repair broken pump—manufacturing defect
 - RFP for exhibit design and construction was reviewed to get it ready for release.
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2. Abstract:

The construction activities conducted in Q1 2024 were a continuation of Phase 2 of the Prince William Sound Science Center Facilities Replacement Project. Primary efforts in this quarter were oriented towards finalizing and optimizing seawater system and seawater heat pump function as well as ongoing HVAC and seawater systems programming as issues were identified when commissioning was performed. Punch list tasks were tackled and items from Phase 1 which were non-performing were remedied, such as broken tiles in the atrium that were supposed to last for decades but were already cracking due to problematic installation. Next, we will release an RFP for design and construction of exhibits and a touch tank and continue detail work on some finish elements in both the building interior and exterior.

3. Coordination and Collaboration:

Staff at the Prince William Sound Science Center continued to communicate as needed with the grant management staff at the Alaska Department of Commerce, Community, and Economic Development, through which the EVOSTC funds are extended.

4. Response to EVOSTC Review, Recommendations and Comments:

N/A

5. Budget:

Budget spending was commensurate with the work performed and is reflected in the chart below. Major project activities in this time period were covered by DCCED grant 23-DC-027 which was initiated in July 2022. However, the chart reflects total expenses to date for work completed to date against total EVOSTC dollars committed to the project.



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Cost Categories	Approved funds 20-DC-002	Approved Funds 23-DC-027	Total EVOSTC Funding	Cumulative expenses to Date	Balance of Grant Funds
a. Land, Site Preparation				\$ -	\$ -
b. Bridge Documents & Prelim				\$ 351,985.59	\$ (351,985.59)
c. Seawater System & Heat Pump				\$ 4,100,672.34	\$ (4,100,672.34)
d. Sewer Install & Pump Station				\$ 1,386,822.99	\$ (1,386,822.99)
e. Facilities				\$16,573,981.03	\$ (16,573,981.03)
i. Total Project funds	\$ 17,050,000.00	\$ 5,870,000.00	\$ 22,920,000.00	\$22,413,461.95	\$ 506,538.05
j. Administration (not to exceed 10%)	\$ 450,000.00	\$ 80,000.00	\$ 530,000.00	\$ 472,113.64	\$ 57,886.36
k. TOTAL COSTS	\$ 17,500,000.00	\$ 5,950,000.00	\$ 23,450,000.00	\$22,885,575.59	\$ 564,424.41