



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: December 1, 2023

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

The current project delay is due to the heat pump that was damaged in shipping and determined to be a total loss upon arrival. Although the manufacturer indicated the replacement unit would not arrive in Cordova until mid-December, they were able to deliver it ahead of schedule. The unit arrived in Cordova in mid-October for a November installation once the team members with the appropriate skills could be mobilized on site. Due to the waiting period to receive equipment, activity on site was relatively quiet as compared to other quarters.

Other previous seawater system installation delays were due to defective electronics and protracted intake and outfall pipe installation; those have been resolved. Now that some of the issues are resolving, we will have time to turn our focus towards exhibit design and construction, one of the final key components of EVOSTC-approved work.



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

Budget reallocation request for this reporting period.

N/A

Personnel changes.

We would like to note that PWSSC has hired a part-time facilities manager, Reuben Brown. Mr. Brown has a mechanical engineering degree and diverse manufacturing and facilities management experience. Among his many duties, he assists the Science Center in representing the owner's interests to the contractor, architect, and subcontractors as the remainder of the work is carried out.

1. Summary of Work Performed:

In August 2023 the following work was performed:

- The seawater intake startup and controls were tested.
- Variable air valves for the air handling system were installed and wired and control systems were initiated.
- The primary exhaust fan was wired in the main running seawater laboratory.

In September 2023 minimal work was performed while we waited for critical seawater system assets to arrive in Cordova. The primary work completed was as follows:

- A concrete safety curb was poured around the ship's ladder that descends to the deep well where the seawater intake pumps are located.
- A punch list of items that need to be completed for the seawater system and Phase 2 buildout to be completed was generated.
- Contractor general tidying up of pumphouse construction area.

In October 2023 the following work was performed:

- The replacement heat pump was received, and installation work began.
- The seawater heat exchanger was received, and installation work began.
- The buffer tank for the heat pump system was received, and installation work began.
- Installation of the seawater system's emergency shutoff system components was initiated.
- A testing and balancing team evaluated and optimized the performance of HVAC and heating systems in the second-floor offices constructed during Phase 2, as well as seawater system assets.
- Emergency lighting was installed in the restrooms that did not already have it.



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Quarterly Project Reporting Form

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- Pipes were insulated in the pumphouse and other seawater system areas.
 - A meeting to discuss seawater system controls was held.
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2. Abstract:

The construction activities conducted in Q3 were a continuation of Phase 2 of the Prince William Sound Science Center Facilities Replacement Project. Primary efforts in this quarter were seawater system and heat pump system construction as well as optimization of HVAC and heat systems on the recently completed second floor. For most of this quarter, the contractor and owner were waiting for a replacement seawater heat pump to arrive, as well as the heat exchanger and buffer tank. Due to those delivery timelines, which reflected delays such as the replacement of the heat pump that arrived totaled during Q2, activity on site was quieter for most of this quarter, ramping up in late October as the project headed into a busier Q4. Looking forward to Q4, an RFP for exhibit design and construction will be released, and that work will be initiated.

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 is 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.



Exxon Valdez Oil Spill Trustee Council
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Quarterly Project Reporting Form

| 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 | | | | \$ 3,822,391.32 | \$ (3,822,391.32) |
| 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 | \$ 5,920,000.00 | \$ 22,970,000.00 | \$ 22,135,180.93 | \$ 834,819.07 |
| j. Administration (not to exceed 10%) | \$ 450,000.00 | \$ 30,000.00 | \$ 480,000.00 | \$ 462,185.14 | \$ 17,814.86 |
| k. TOTAL COSTS | \$ 17,500,000.00 | \$ 5,950,000.00 | \$ 23,450,000.00 | \$ 22,597,366.07 | \$ 852,633.93 |