



**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 5, 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 majority of the project is progressing as expected. There are two areas in which the project is experiencing delays. They are as follows:

- 1) The heat pump for the seawater heat pump system arrived in Cordova in May 2023 in a significantly damaged state. It appeared to have been damaged by a shipper during transport. The damage was extensive enough as to render the unit a total loss. The units have a lengthy manufacturing and delivery time. The contractor and its subs have initiated the necessary claims. A new unit has been ordered and the manufacturer has the new unit in the production queue. The new heat pump should arrive in the Seattle, Washington area in October 2023. It will be barged to Alaska and should be installed on site in November 2023. The delayed installation of the heat pump will not prevent completion of the rest of the seawater system installation, as the running seawater system can be operated independently of the heat pump.



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- 2) The running seawater system installation has incurred a slight delay on two fronts. Due to large tides and the sensitive and challenging nature of the in-water work, the installation of the intake and outfall lines began in May 2023 but work proceeded more slowly than anticipated and the work will continue into June 2023. The State of Alaska Dept. of Natural Resources easement permit took a full year to be approved which pushed back the initiation date of this work. The State of Alaska Department of Environmental Conservation must also issue an Alaska Pollutant Discharge Elimination System (APDES) permit. This has proceeded in a timely fashion; however, there is a mandatory 30-day appeals period following the issuance of a permit. The permit was issued on May 31, 2023. The appeals period must commence throughout the month of June 2023. Therefore, the permit will not be effective until July 1, 2023 and the seawater system cannot be tested upon completion of intake and outfall pipe installation until the permit effective date (7/1/23) commences. The mechanical subcontractor will have to wait until the permit effective date to test the system and make any necessary adjustments.

Given the nature of these two delays, the final building commissioning schedule, which requires the seawater and heat pump systems to be fully operational, will have to be adjusted. Because in-water work is still ongoing and there can be unexpected situations that put pressure on the contingency, exhibit design and installation will not be initiated until the owner has more certainty that there were no unexpected complications during installation of the seawater intake and outfall pipes. There are no known additional costs to the project at this time as a result of either of these delays.

**Budget reallocation request for this reporting period.**

N/A

**Personnel changes.**

N/A

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**1. Summary of Work Performed:**

In February 2023 the following work was completed:

Pumphouse

- Seawater piping installed
- Seawater filtration equipment was installed, including sand filters and UV apparatus
- The seawater pumps were received in Cordova and delivered on site



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2<sup>nd</sup> Floor Offices:

- Doors and hardware were installed
- Ceiling tiles were installed
- Miscellaneous touch up work was completed on the walls
- Completion of electrical and data trim out took place

In March 2023, the following progress on the pumphouse and seawater system took place:

- Seawater pumps were mounted in the pumphouse
- Seawater piping was installed in the running seawater tank rooms on the warehouse side of the main building
- The seawater head tank and degassing tanks were set into place on the second floor of the warehouse
- The seawater control rough-in was completed and associated panels were installed
- Laboratory casework was delivered, and installation began

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The following work was completed in April 2023:

Pumphouse:

- Seawater piping was installed
- Exhaust fans and ductwork were installed
- Control wiring and conduits were installed
- The seawater pumps were finished being set.
- Ozone equipment was installed
- Final grading began around the exterior of the pumphouse building.

2<sup>nd</sup> Floor Offices:

- Base board radiant heat installed.
- Door hardware finalized.
- Room signs installed.
- A final cleaning took place in the offices for which construction was completed.

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**2. Abstract:**

The construction activities conducted in this quarter were a continuation of Phase 2 activities in the Prince William Sound Science Center Facilities Replacement Project. The two main project areas in this quarter of Phase 2 continue to be the construction of a seawater system and associated pumphouse and heat exchanger; and the completion of the build-out of the second floor of the main building. Major progress took place in the pumphouse, with piping, filtration



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equipment, and pumps being installed. Substantial completion of the second-floor offices also took place during this time frame.

**3. Coordination and Collaboration:**

Staff at the Prince William Sound Science Center coordinated with staff at the Alaska Department of Natural Resources on the tideland easement permit for intake and outfall pipe installation. PWSSC staff also coordinated with staff at the Alaska Department of Environmental Conservation on the seawater discharge permit necessary to operate the running seawater system. Lastly, regular communication occurs between the PWSSC finance department and 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:**

<b>Cost Categories</b>	<b>Approved funds 20-DC-002</b>	<b>Approved Funds 23-DC-027</b>	<b>Total EVOSTC Funding</b>	<b>Cumulative expenses to Date</b>	<b>Balance of Grant Funds</b>
<b>a. Land, Site Preparation</b>				\$ -	\$ -
<b>b. Bridge Documents &amp; Prelim</b>				\$ 351,985.59	\$ (351,985.59)
<b>c. Seawater System &amp; Heat Pump</b>				\$ 3,717,283.96	\$ (3,717,283.96)
<b>d. Sewer Install &amp; Pump Station</b>				\$ 1,386,822.99	\$ (1,386,822.99)
<b>e. Facilities</b>				\$ 16,567,047.26	\$ (16,567,047.26)
<b>i. Total Project funds</b>	\$ 17,050,000.00	\$ 5,920,000.00	\$22,970,000.00	\$ 22,023,139.80	\$ 946,860.20
<b>j. Administration (not to exceed 10%)</b>	\$ 450,000.00	\$ 30,000.00	\$ 480,000.00	\$ 459,934.63	\$ 20,065.37
<b>k. TOTAL COSTS</b>	\$ 17,500,000.00	\$ 5,950,000.00	\$23,450,000.00	\$ 22,483,074.43	\$ 966,925.57

The budget table shows cumulative expenses to date through of 4/30/23. Major project activities in this time period were covered by DCCED grant 23-DC-027 which was initiated in July 2022.