



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: 23220508 and 2100129 (combined reporting)

Project Title: Standardized High-Resolution Wetlands and Hydrography Data across the EVOS Region

Principal Investigator(s): Sydney Thielke, USFWS
 Dr. Leslie Jones, State of Alaska
 Brian Wright, USGS

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: May 31, 2023

Project Website: Although this project does not have a website, we have been working with the State of Alaska to produce [this storymap](#) to support stewardship and outreach of the datasets

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.**

1. Summary of Work Performed:



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This project is a continuation of 21200129. Data development for both the National Wetlands Inventory (NWI) and National Hydrography Dataset (NHD) is continuing on schedule.

The National Hydrography Dataset for the Kodiak Island and Shelikof Strait Hydrologic Units is complete and available for download on the [USGS staged products download site](#) (2023-02-09T21:13:56.000Z 54.4 MB NHD_H_19020701_HU8_GDB.zip, 2023-02-09T21:13:57.000Z 41.2 MB NHD_H_19020702_HU8_GDB.zip). This data is also undergoing USGS review for future inclusion in the 3 Dimensional Hydrography Data Program (3DHP) dataset.

The 50% NWI data review for the Kodiak Island and Shelikof Strait Hydrologic quality control review is complete.

The RFP for the NWI across the Cook Inlet and Prince William Sound regions was advertised under the Federal GSA contracting mechanism. Solicitation review occurred in April and the contract agreement will be finalized in May with field work expected to occur in July and August 2023, and Summer 2024. Due to changes in contracting language the RFP for the NWI and NHD in the Bering Glacier watershed is in the final phases of the announcement review process and expected to be advertised in June.

The State of Alaska LiDAR collection for the Copper River Delta region is expected to begin again as soon as snow melt occurs and a weather window allows. This collection will be completed in summer 2023.

2. Abstract:

This is an extension of the project 21200129, Standardized High-Resolution Wetlands and Hydrography Data across the EVOS Region, funded by the EVOSTC for FY2021 to produce wetland and hydrologic data for EVOS region watersheds. Continuous coverage of high-resolution NWI and NHD products do not exist for the EVOS region, yet these data are critically important for continued management and recovery of injured resources and services. This proposal requests will update wetlands mapping across 17 million acres (including the lower Copper River and Bering Glacier watersheds), update hydrography mapping on the Bering River watershed, and collect LiDAR data to enhance wetland mapping in the Copper River region. The final products will be integrated into statewide databases, compliant with national standards, and publicly available.

The NWI provides the location, characteristics and extent of wetlands, intertidal, and nearshore marine habitats. The NHD characterizes water drainage networks, including features such as rivers, streams, lakes, ponds, glaciers, and watersheds. The NWI and NHD are used, where available in Alaska, for habitat management, species assessments (including anadromous



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waters), and to make informed decisions about development activities. The data serve as baseline geospatial information needed to monitor aquatic and wetland dependent species, including those that move between freshwater and marine habitats such as salmon and migratory birds. This includes providing information about coastal wetlands and the contribution of freshwater inputs to estuarine and nearshore habitats. This proposal will provide geospatial data that can be used to assess intertidal systems, from the headwater inputs to marine interface, that support habitat for injured species and injured subsistence and recreation activities.

3. Coordination and Collaboration:

Coordination and collaboration between project partners and the public is ongoing, with this quarter centered primarily around future field data collections. Coordination in the next quarter will focus on FY23 and FY24 field data collection for the Cook Inlet and Prince William Sound areas as well as the final phases of LiDAR collection.

4. Response to EVOSTC Review, Recommendations and Comments:

NA

5. Budget:

The budget presented here is a combination of projects 22220508 and 2100129 in order to provide cumulative totals for the entire scope of the mapping project in a single spreadsheet. Please notice a column for FY21 has been added and the total represents six years.

Budget Category:	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	6-YR TOTAL PROPOSED	Quarterly Expenditures	ACTUAL CUMULATIVE
Personnel	\$0	\$27,385	\$27,385	\$27,385	\$27,385	\$0	\$109,541	\$4,588	\$64,093
Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual	\$1,650,000	\$3,316,380	\$0	\$0	\$0	\$0	\$4,966,380	\$0	\$2,267,507
Commodities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirect Costs (report rate here)	\$0	\$2,818	\$2,818	\$2,818	\$2,818	\$0	\$11,271	\$0	\$0
SUBTOTAL	\$1,650,000	\$3,346,583	\$30,203	\$30,203	\$30,203	\$0	\$5,087,192	\$0	\$2,331,600