



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: August ##, 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 3 Dimensional Hydrography Program (3DHP), formerly 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 70% NWI data review for the Kodiak Island and Shelikof Strait Hydrologic quality control review is complete. Expected 100% delivery date is September 1, 2023.

The contract for the NWI across the Cook Inlet and Prince William Sound regions was awarded on May 19th, 2023 to AK Biomap. USFS hosted a collaboration meeting on 5/19 at the regional office to discuss the status of the project with federal stakeholders. Data collection activities begin in July and will continue during the growing season and pick up again in 2024.

The RFP for the NWI and 3DHP products was advertised and proposals were reviewed in late July. An award is expected to be made in August 2023.

The State of Alaska managed LiDAR collection for the Copper River region is ongoing. This collection will be completed in summer 2023. As of July 31, 2023 all ground control collection is complete and LiDAR acquisition is approximately 40% complete.

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 3DHP (formerly 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



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ivers, streams, lakes, ponds, glaciers, and watersheds. The NWI and 3DHP are used, where available in Alaska, for habitat management, species assessments (including anadromous 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 field data collections. USFS hosted a meeting for federal stakeholders on 5/19 at their regional office.

Coordination in the next quarter will focus on FY24 field data collection for the Cook Inlet and Prince William Sound areas.

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	\$4,826	\$68,919
Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual	\$1,650,000	\$3,316,380	\$0	\$0	\$0	\$0	\$4,966,380	\$1,294,457	\$3,561,964
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	\$8,890
SUBTOTAL	\$1,650,000	\$3,346,583	\$30,203	\$30,203	\$30,203	\$0	\$5,087,192	\$0	\$3,639,773