



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

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*\*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:** 22220508 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 1, 2022

**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.**

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**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 NWI field work summary (attached) and 10% NWI data review for the Kodiak Island and Shelikof Strait Hydrologic Units are complete. The 30% NWI data is on track for delivery by the end of the calendar year and will undergo quality control in early January.

The NHD elevation derived hydrography for both 6 digit Hydrologic Units has been through initial USGS Quality Control and is 70% complete. The 100% submission is expected to be completed by the end of the calendar year and then it will undergo quality control review in early 2023.

The RFPs for the NWI across the Cook Inlet and Prince William Sound regions and NWI and NHD in the Bering Glacier watershed are in the final phases of the announcement review process. The RFPs are expected to be advertised in the next month. USFS, USFWS, NPS have regularly collaborating on field work planning for Summer 2023 in order to begin finalizing work as soon as a contractor is selected.

The State of Alaska advertised and awarded the LiDAR collection for the Copper River Delta region. The weather in the Prince William Sound region was uncooperative which made data collection challenging. The heavy rains and standing surface water can lead to less accurate data collection. By taking advantage of sporadic weather windows, the Dewberry team was able to collect approximately 37% of the initial LiDAR area and will complete the work in summer 2023.

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## **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



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rivers, streams, lakes, ponds, glaciers, and watersheds. The NWI and NHD 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 LiDAR acquisition and planning for future field data collections. Coordination in the next quarter will focus on FY23 field data collection, once a data contractor is selected, 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	ACTUAL CUMULATIVE
Personnel		\$27,385	\$27,385	\$27,385	\$27,385	\$0	\$109,541	\$54,089
Travel	\$0		\$0	\$0	\$0	\$0	\$0	\$0
Contractual	\$1,650,000	\$3,316,380	\$0	\$0	\$0	\$0	\$4,966,380	\$2,239,507
Commodities	\$0		\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$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
<b>SUBTOTAL</b>	<b>\$1,650,000</b>	<b>\$3,346,583</b>	<b>\$30,203</b>	<b>\$30,203</b>	<b>\$30,203</b>	<b>\$0</b>	<b>\$5,087,192</b>	<b>\$2,293,596</b>