



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: 22220508

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: June 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.**

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. USFWS and the State of Alaska have finalized and implemented a cooperative agreement for their work to support the data stewardship and outreach for the project. Field work planning authorizations and permits are being finalized. This project is contracted out to NV5 Geospatial for production of National Hydrography Dataset (NHD) and National Wetlands Inventory (NWI) data products that will support recovery of injured resources from a watershed perspective. The contractor is midway through production of the NHD linear and polygonal databases using IfSAR elevation data and USGS specifications. The contractor has identified field check sites for the wetland inventory and will be in the field May 2022 for data collection. Field work by the contractor will occur May 20-May 31, 2022 followed by field work by FWS to support the quality control June 13-17th. USGS and USFWS are finalizing a cooperative agreement for USGS to complete all Watershed Boundary Dataset quality control. Work performed during this quarter has been entirely in-kind. Preparations and announcement of the lidar collection have been occurring by the State of Alaska. Preparations of the announcement for the NWI and NHD work have been occurring by the USFWS.

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 2.5 million acres of the Bering River watershed, and collect 670,000 acres of LiDAR data to enhance wetland mapping in the Copper River Delta. 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 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



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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. Contractors and USFWS presented at the Kodiak Environmental Leaders and Professionals (KELP) meeting on March 21st to share information about the project. The State of Alaska has been coordinating with multiple state and federal agencies to develop the specific requirements for this project. Coordinators include the State of Alaska Department of Natural Resources, State of Alaska Department of Geologic and Geophysical Surveys, U.S. Fish and Wildlife Service and U.S. Forest Service.

4. Response to EVOSTC Review, Recommendations and Comments:

NA

5. Budget:

Budget Category:	Proposed FY 22	Proposed FY 23	Proposed FY 24	Proposed FY 25	Proposed FY 26	5-YR TOTAL PROPOSED	ACTUAL CUMULATIVE
Personnel	\$27,385	\$27,385	\$27,385	\$27,385	\$0	\$109,541	\$0
Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual	\$3,316,380	\$0	\$0	\$0	\$0	\$3,316,380	\$0
Commodities	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirect Costs (report rate here)	\$2,818	\$2,818	\$2,818	\$2,818	\$0	\$11,271	\$0
SUBTOTAL	\$3,346,583	\$30,203	\$30,203	\$30,203	\$0	\$3,437,192	\$0
General Administration (9% of subtotal)	\$301,192	\$2,718	\$2,718	\$2,718	\$0	\$309,347	N/A
PROJECT TOTAL	\$3,647,776	\$32,921	\$32,921	\$32,921	\$0	\$3,746,540	
Other Resources (In-Kind Funds)	\$25,596	\$25,596	\$25,596	\$25,596	\$0	\$102,384	



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PROGRAM BUDGET PROPOSAL AND REPORTING FORM

Budget Category:	Proposed FY 17	Proposed FY 18	Proposed FY 19	Proposed FY 20	Proposed FY 21	TOTAL PROPOSED	ACTUAL CUMULATIVE
Personnel	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Travel	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Contractual	\$0.0	\$0.0	\$0.0	\$0.0	\$1,650,000.0	\$1,650,000.0	\$ 1,314,745
Commodities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Equipment	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Indirect Costs (<i>will vary by proposer</i>)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
SUBTOTAL	\$0.0	\$0.0	\$0.0	\$0.0	\$1,650,000.0	\$1,650,000.0	
General Administration (9% of subtotal)	\$0.0	\$0.0	\$0.0	\$0.0	\$148,500.0	\$148,500.0	
PROJECT TOTAL	\$0.0	\$0.0	\$0.0	\$0.0	\$1,798,500.0	\$1,798,500.0	
Other Resources (Cost Share Funds)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	N/A

COMMENTS:
The initial contracting of the base production of the NHD and NWI were contracted to NV5 Geospatial. The quality control contracts for the dataset have not been fully executed.