



**Exxon Valdez Oil Spill Trustee Council**  
**Proposal Amendment Form**

**Project Number:** 22220508 and 21210129

**Project Title:** Standardized, High-Resolution, Geospatial Wetlands and Hydrography Data Across the EVOS Region

**Principal Investigator(s):**

Sydney Thielke, U.S. Fish and Wildlife Service  
 Leslie Jones, PhD, State of Alaska  
 Brian Wright, U.S. Geological Survey

**Submission date:** November 21, 2023, revised January 8, 2024

Please check all the boxes that apply to this request.

**Changes to the original scope or objectives of the project.**

The original scope of this project is to continue to produce wetland and hydrologic data for the EVOS region watersheds which was started with project 21210129. This request does not change the original scope or objectives of this project.

**Personnel changes.**

There are no personnel changes.

**Budget reallocation request.**

Originally budget summary for State (SOA DNR) and Federal (USFWS) Agencies combined.

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	\$0
Travel	\$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	\$0
Commodities	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$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
<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>\$0</b>	<b>\$0</b>
General Administration (9% of subtotal)	\$148,500	\$301,192	\$2,718	\$2,718	\$2,718	\$0	\$457,847	\$0	N/A
<b>PROJECT TOTAL</b>	<b>\$1,798,500</b>	<b>\$3,647,775</b>	<b>\$32,921</b>	<b>\$32,921</b>	<b>\$32,921</b>	<b>\$0</b>	<b>\$5,545,039</b>		

The current budget status is below actual proposed totals.



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For SOA personnel the cumulative expenditures for the state are \$49,393 of \$62,617 and for indirect they have spent \$8,890 of \$11,271. However, on an annual basis the personnel and indirect expenses for the SOA DNR are overspent by \$14,148 and \$3,254 respectively. The state intends to balance the spending over the coming years, and no reallocation of funds from contractual to personnel or indirect has occurred.

For FWS contractual expenses, the project also has overspent for FY23 by \$1,294,457 in the contractual category. However, those were funds approved for spending in FY22. A NCE was submitted and approved for those funds to be carried over, however the intent was for all remaining contractual funds (\$2,698,873 – including the \$307,255 from FY21 carryover and \$2,391,618 from FY22) to be carried over for use in contracts in FY23. Again, there was no intent for reallocation of funds from one line item to another to occur.

Budget Category:	Approved FY21	Approved FY 22	FY21-FY22 Cumulative Expense	FY21-FY22 Remaining Balance	Approved FY23	FY23 Cumulative Expense	FY23 Remaining Balance	Overall Cumulative Expense	Overall Remaining Balance
Personnel	\$ -	\$ 27,385.29	\$ 59,505.00	\$ (32,119.71)	\$ 27,385.29	\$ 9,414.00	\$ 17,971.29	\$ 68,919.00	\$ (14,148.42)
Travel	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ 1,650,000.00	\$ 3,316,380.00	\$ 2,267,507.00	\$ 2,698,873.00	\$ -	\$ 1,294,457.00	\$ (1,294,457.00)	\$ 3,561,964.00	\$ 1,404,416.00
Commodities	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Costs	\$ -	\$ 2,817.78	\$ 8,890.00	\$ (6,072.22)	\$ 2,817.78	\$ -	\$ 2,817.78	\$ 8,890.00	\$ (3,254.44)
<b>SUBTOTAL</b>	<b>\$1,650,000.00</b>	<b>\$ 3,346,583.07</b>	<b>\$ 2,335,902.00</b>	<b>\$ 2,660,681.07</b>	<b>\$ 30,203.07</b>	<b>\$1,303,871.00</b>	<b>\$ (1,273,667.93)</b>	<b>\$ 3,639,773.00</b>	<b>\$ 1,387,013.14</b>
GA	\$148,500.00	\$ 301,192.48			\$ 2,718.28				
<b>10% of Approved Budget</b>	<b>\$ 165,000.00</b>	<b>\$ 334,658.31</b>			<b>\$ 3,020.31</b>				

The current request only affects contractual funding for the USFWS. Again, there is no intention to make a line-item adjustment. The intent for this request is to acknowledge in writing the USFWS will continue using their allocated contractual funds to increase the footprint of updated NHD/3DHP data within the project area.

Include a screenshot of the original budget worksheets and the budget reallocation requested for each participating agency and justification for the changes.

**Milestone/task changes.**

The original scope of this project proposal was to complete standardized high-resolution wetlands and hydrography data across the EVOS zone. All tasks initially identified in the proposal are on track for completion.

In crafting our proposal and budget, we used best available information to determine which watersheds to target and the funds needed. In 2021 the USGS began using an advanced data model to improve their hydrography mapping framework from the National Hydrography Dataset (NHD) to the 3 Dimensional Hydrography Program (3DHP) framework. In recognition



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of this data model improvement, all products for this project are being developed according to the new 3DHP model. It was determined that older data in the region would still be interoperable with the new data, but more advanced modeling and technological innovations would be used to produce the hydrography for hydrologic units initially targeted through this project at no additional cost to the EVOS Trustee Council.

The nature of bringing such a large mapping effort to the EVOS zone meant economic efficiencies and extremely competitive pricing by our contractors. Due to that circumstance, the project has \$1,000,448 of unspent funds that could be used to contract 3DHP in additional EVOS zone hydrologic units. The hydrologic units outline in navy blue represent areas where FWS and USGS updated the National Hydrography Dataset around 2018 before the new data model existed. We are proposing using the remaining project funds, along with additional USGS resources to produce the same 3DHP hydrographic data in these watersheds which are being produced for Kodiak, Shelikof Strait and Bering Glacier watersheds to ensure this project has maximized the extent of data in the same data model and expand. The additional 3DHP hydrographic data would be produced in the following hydrologic units: 19020301 Lower Kenai Peninsula, 19020202 Resurrection River-Frontal Resurrection Bay, 19020602 Tuxedni-Kamishak Bays.

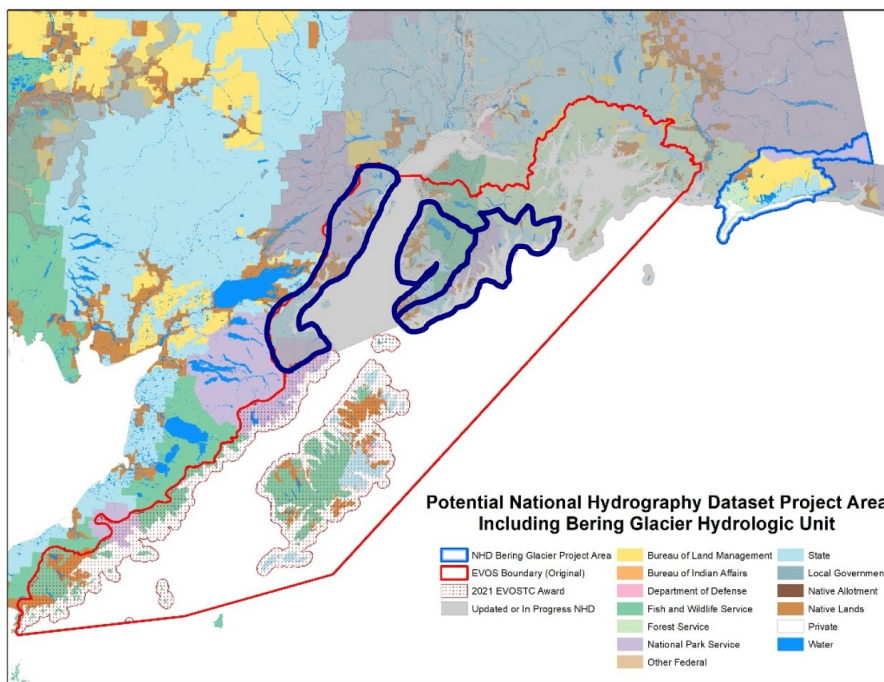


Figure 2 National Hydrography Dataset (NHD) project area



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In order to complete this, the PIs are requesting permission to carryover and use \$1,000,448 funds from FY23 into FY24 in order to execute contracts for data production as well as a no-cost extension of the project to the end of FY26 (January 31, 2027).

The team believes this administrative change falls within the original scope and intent of proposals 22220508 and 21210129, only maximizes them to an even fuller extent.

- Lidar task to collect and process lidar is behind schedule due to weather, but still within the overall project timeframe and expected final delivery is FY24.
- All NWI and NHD data initially identified as possible for collection given the budget has been contracted and is in progress.
- This project proposes additional NHD/3DHP work under the NWI and NHD milestones and completing final reporting in FY26.

In the following table, milestones that have lapsed (lidar) are highlighted in yellow. The new tasks and milestone completion dates are highlighted in green and have progress status codes with a “N” prefix.

Please be aware, all initial milestones for NWI and NHD/3DHP are on track for public data distribution according to the original schedule. This requested amendment only increases the overall coverage area of the NHD/3DHP and pushes the final project date out to the end of FY26 at no additional cost to the EVOS Trustee Council.

	FY22				FY23				FY24				FY25				FY26			
Milestone/Task	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Milestone: Lidar</b>																				
Contract Lidar	X	X																		
Collect Lidar			X	C																
Process and Deliver Lidar					X	X	C					NC								
<b>Milestone: NWI and NHD</b>																				
Contract NWI areas	X	X	X	C																
Contract NWI/NHD areas	X	X	X	C																
NWI field work					X	X	X	C												
NWI/NHD draft									X	X	X	C								
NWI/NHD QC													X	X	X	C				
NWI/NHD QA														X	X	C				



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Milestone/Task	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Contract NHD/3DHP areas								NX	NX																
NHD/3DHP QA/QC															NX	NX	NX	NX	NX	NC					
<b>Reporting:</b>																									
Annual progress report					X				X				X												
FY work plan				X				X				X													
Final report/Project results													X	X	X	C	NX	NX	NX	NC					
<b>Deliverables:</b>																									
QL1 Lidar							C																		
Report on process and attributes																				C	NC				
Field data Package																					C	NC			
NWI Geodatabase																						C	NC		
NHD Geodatabase																							C	NC	
Outreach materials																								C	NC

Internal use only:

Fiscal Year of Request:

Approved by ED? No Yes

Requires TC review? No Yes

Copy sent to fiscal managing agency(yes)? No Yes