



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: 18180120

Project Title: Copper River Watershed Enhancement

Principal Investigator(s):

Erika Ammann, National Oceanic and Atmospheric Administration
Megan Marie, Alaska Department of Fish and Game
Anna Senecal, U.S. Fish and Wildlife Service
Alex Niepoth, U.S. Forest Service

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: November 30

Project Website:

Internal for project partners: <https://copperriver.org/copper-river-evos-project-page/> Password: culvert

Informational website: <https://copperriver.org/programs/fish-habitat-restoration/restoration/copper-river-watershed-enhancement/>

Please check all the boxes that apply to the current reporting period.

☒ **Project progress is on schedule.**

☐ **Project progress is delayed**

☐ **Budget reallocation request.**



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

☐ **Personnel changes.**

1. Summary of Work Performed:

During this period, the following activities occurred:

Cop 33 & 1:

- Restoration work was completed at Cop 1 and Cop 33. No major issues were encountered and the construction stayed on schedule.
- CRWP and TU hired an on-site engineer to serve as project inspector. USFWS and the design engineers from DOWL were also on site regularly to assist with oversight and problem solve issues that came up during construction, for example adjusting the upstream bank stabilization strategies to better maintain connectivity to wetlands, or to develop a plan for using woody debris or old pilings (non-cresoted) as habitat features.
- We helped to test-run a new app-based reporting system developed by USFWS where our construction inspector uploaded data to make daily reports and photos available to partners.
- CRWP facilitated weekly construction check-ins for partners to get updates on progress and upcoming work, as well as any RFIs or change to plans that occur in the field (with approval of design engineers of record).
- In August a final walk-through occurred with ADOT and the contractor and the project was signed off as completed.
- We hosted a debrief meeting with the design engineers, contractor, and interested partners to document lessons learned from the design and implementation to help inform future projects.
- We hosted multiple outreach field trips on site, including participants in a Community Coastal Experience internship program, a Prince William Sound College natural resource class, and a group of local Girl Scouts learning about ways people can help fish and wildlife habitat.

Remaining crossings (Cop 9, Sher 1, Cab 2/1):

- 95% design review for Cab 1/2 occurred.
- USFS and CRWP visited the site with long-time Cordova resident Ron Goodrich. Ron grew up at 13 mile in the 60s and went with us to help try to uncover some of the history behind features like the weir between Cab 1 and 2. Our walk around the site led us to conclude that the weir is remnant from a water source for the estimated 5-10,000 people that lived out there during WWII. USFS will assist USFWS with local boots on the ground to collect data. That data will be transferred to USFWS and USFWS will complete the Section 106 historical review and conduct the necessary analysis of these historic features near the site.
- The Eyak Corporation (TEC) continues to work with Natural Resource Conservation Services to finalize the paperwork necessary to make restoration work on their lands eligible for funding from CRWP's Regional Conservation Partnership Funds.

Restoration monitoring: During the August to October time period USFS staff conducted a spawning survey above the Cabin Lake Rd culverts (CAB 1 and CAB 2). They observed about 8 Dolly Varden redds and about a 12 Dolly Varden.

Hydrology updates:



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

-
- 10 loggers were downloaded at 8 sites.

Other updates:

- The Copper River EVOS Project Page (for partners) was updated during this quarter. All reports, comments, meeting notes, and hydrology data was shared with project partners through our website. All project materials can be viewed at: <https://copperriver.org/copper-river-evos-project-page/> . Password: culvert

2. Abstract:

Wilson Construction implemented restoration work at Cop 1 and 33. Melissa Valentin of 2100 Consulting served as construction inspector and was on site daily throughout construction to ensure successful implementation of the project. Ms. Valentin reported daily updates to CRWP and CRWP hosted weekly construction check-ins to keep partners up to date on project progress. Design work continues for the remaining four crossings (Cop 9, Sher 1, Cab 2/1), with engineers working on a plan for re-locating Sher 1 under the Copper River Highway. CRWP also continues to collect hydrology data on crossings under design, as well as maintain the project website to keep partners up to date and all design materials accessible.

3. Coordination and Collaboration:

All progress on these projects requires extensive coordination with partners, including resource managers and landowners. See Table 1 for a list of active project partners. We invite partners to review project designs and invite them to discussions to work through comments and questions and make sure the project continues to meet objectives of all partners.

Table 1: Copper River EVOS partners and affiliations

Kevin Keith/ADFG	Kate Morse/CRWP	Brennan Cain/Eyak Corporation
Michael Mazzacavallo/ADFG	Kirsti Jurica/CRWP	Tiffany Beedle/Eyak Corporation
Megan Marie/ADFG	Lisa Docken/CRWP	Trent Liebich/USFWS
Jeff Stutzke/ADOT	Ashley Taylor/CRWP	Heather Hanson/USFWS
Robbie Mattson/ADOT	Erika Ammann/NOAA	Anna Senecal/ USFWS
Matt Billings/ADOT	Steve Namitz/USFS	Franklin Dekker/USFWS
Dan Adamsczk/ADOT	Ron Britton/ USFS	Christy Mog/USFS
Luke Boles/ADOT	Kim Clark/ USFS	
Artem Ruppert/ADOT	Griff Berg/USFS	



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

Jason Johnston/USFS

Josh Latham/USFS



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

4. Response to EVOSTC Review, Recommendations and Comments:

The tables in the budget section of this report reference the expenses for each crossing (actual for the sites we've implemented or are under contract to implement, estimated for the remaining crossings). We have leveraged EVOSTC funding with additional funding sources, including Alaska Sustainable Salmon Fund, Western Native Trout Initiative, and NOAA to complete restoration at all sites. We anticipate the majority of EVOSTC funding that has been allocated to partners will be spent down by December 2024, after restoration at all sites is completed next field season. Any remaining funding will be with USFS for post-restoration monitoring which is scheduled to occur through 2027. All funds have been allocated from EVOSTC, however ADFG and NOAA are working to re-allocate some funding back to USFWS to award to CRWP for covering 2024 construction costs.

5. Budget:

This project was awarded prior to the new reporting system, and after conversations with EVOSTC staff, we are continuing with the following budget reporting format. New budget details from partners will be submitted on an annual basis for the Feb. 1 deadline.



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

Table 2: EVOS culvert status

-	Stream Name	ADFG Number	CRWP Culvert ID	EVOSTC Total Request	Current Estimated Total costs	Ownership	Solution	Status	Upstream Miles
2020	Lower Copper River	20100508	COP 43	\$ 616,842	\$ 790,499	DOT	Replace	Constructed/Monitoring	2.4
		20100510	COP 44	\$ 616,847	\$ 790,504	DOT	Replace	Constructed/Monitoring	
		20100511	COP 45	\$ 187,846	\$ 790,503	DOT	Replace	Constructed/Monitoring	
2021	18 Mile System	20100486	COP 20	\$ 714,342	\$ 708,324	DOT	Replace	Constructed/Monitoring	2.32
		20100488	COP 22	\$ 1,006,842	\$ 993,248	DOT	Replace	Constructed/Monitoring	5.64
		20100491	COP 25	\$ 714,344	\$ 1,108,688	DOT	Replace	Constructed/Monitoring	2.38
	Sheridan River Tributary	20101902	SHER 2	\$ 58,842	\$ 187,039	USFS/Eyak	Remove	Constructed/Monitoring	0.7
2023	Black Hole Creek	20100499	COP 33	\$ 1,006,845	\$ 1,239,223	DOT	Replace	Completed Aug 2023	3.2
	Sheridan River Tributary	20100467	COP 1	\$ 1,006,842	\$ 1,045,954	DOT Airport Leasing	Replace	Completed Aug 2023	1.5
Remaining	Sheridan River Tributary	20100475	COP 9	\$ 616,843	\$ 1,205,555	DOT/Eyak	Replace	surveyed, 65% designs in progress, majority of construction funding received from NOAA	1.64
		20101903	SHER 1	\$ 331,842	\$ 936,425	USFS/Eyak	Remove and relocate crossing under CRH	surveyed, 65% design in progress, majority of construction funding received from NOAA, to be re-located under Copper River Highway	
	Elsner River Tributary	20101904	CAB 1	\$ 56,342	\$ 165,554	DOT Airport Leasing/Eyak	Remove	completed 95% design, construction funding received from NOAA	0.3
		20101905	CAB 2	\$ 544,344	\$ 464,429	DOT Airport Leasing/Eyak	Replace	completed 95% design construction funding received from NOAA	
	Total Direct Cost			\$ 7,478,963	\$ 10,425,945				21.74
	9% GA			\$ 673,107	\$ 938,335				
	Total Cost			\$ 8,152,070	\$ 11,364,280				
MATCH		20100482	COP 16			DOT	Replace	complete	



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

Table 3: Major expenses by category

Copper River EVOS Watershed Enhancement Expense Summary	
Item or Activity	Estimated cost
Engineering and Design contracts	
Geotechnical @ all sites & design @ 25 mile: Cop 43, 44, 45	\$ 318,248.00
Design @ 18 mile: Cop 20, 22, 25	\$ 177,682.50
Design for Cop 1 & 33	\$ 234,836.00
Design for Cab 2, Cop 9, Sher 1	\$ 234,828.00
Total Estimated Design and Other Contracts	\$ 965,594.50
Construction Costs	
Compaction testing (2023)	\$ 36,900.00
Construction @ Cop 1, 33 (EVOSTC portion)	\$ 836,798.00
purchase culvert (downpayment only)	\$ 61,233.00
Sher 2 Low Water Ford	\$ 83,000.00
Construction @ 25 mile: Cop 43, 44, 45	\$ 1,744,839.00
Construction @ 18 mile: Cop 20, 22, 25	\$ 2,178,145.96
Construction inspection	\$ 230,527.65
Compaction testing (2020)	\$ 18,988.50
Total Estimated Construction Costs	\$ 5,190,432.11
Project Management	
CRWP	\$ 414,076.93
USFWS	\$ 93,367.38
USFS	\$ 85,597.00
ADFG	\$ 23,100.00
NOAA	\$ 17,538.00
ADOT	\$ 64,067.01
Audit Costs (2020 & 2021)	\$ 37,512.45
Total Estimated Project Management Costs	\$ 735,258.77
Total estimated costs	\$ 6,891,285.38
Award	\$ 8,152,070.00
Funds remaining	\$ 1,260,784.62