



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: May 31

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.**



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☐ **Personnel changes.**

1. Summary of Work Performed:

During this period, the following activities occurred:

Cop 33 & 1:

- Construction RFP was released. Wilson Construction was awarded the contract after a best value evaluation by representatives from CRWP, USFWS, and ADOT.
- Trout Unlimited and CRWP issued an RFP for construction inspection services. Contract was awarded to Melissa Valentin of 2100 Consulting.
- Culverts were purchased, fabricated and shipped.

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

- CRWP received confirmation from ADOT that Sher 1 can be re-located under the Copper River Highway. DOWL engineers will re-visit the 15% for both Sher 1 and Cop 9 to be discussed in fall 2023.
- The Eyak Corporation (TEC) continues to work with Natural Resource Conservation Services in order to finalize the paperwork necessary to make restoration work on their lands eligible for funding from CRWP's Regional Conservation Partnership Funds.

Sher 2:

- U.S. Forest Service prepared for implementation of the low-water ford on Goat Camp Road which occurred the first week in May.

Restoration monitoring: none this quarter

Hydrology updates: none this quarter

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 is under contract to construct Cop 1 and 33, and Melissa Valentin of 2100 Consulting is on contract to serve as construction inspector and will be on-site throughout implementation to ensure success implementation of the project. 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. A majority of construction funding was awarded by NOAA for constructing these remaining crossings. Post-restoration monitoring and touch-ups continue at the first six sites that were constructed in



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2020 (Cop 43, 44, and 45) and 2021 (Cop 20, 22, and 25). 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	Stormy Haight / USFS	
Luke Boles/ADOT	Ron Britton/ USFS	
Artem Ruppert/ADOT	Kim Clark/ USFS	
	Griff Berg/USFS	
	Jason Johnston/USFS	



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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:

As a result of conversations between PI Erika Ammann (NOAA) and Dr. Shiway Wang, an EVOSTC formatted budget summary will be submitted with Q4 report. In the meantime, the following are some summary tables reflecting actual and anticipated costs for completed and future restoration efforts.



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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	contract awarded, implemented spring 2023	0.7
2023	Black Hole Creek	20100499	COP 33	\$ 1,006,845	\$ 1,116,509	DOT	Replace	under contract to be constructed June 1 - Aug. 15 2023	3.2
	Sheridan River Tributary	20100467	COP 1	\$ 1,006,842	\$ 923,243	DOT Airport Leasing	Replace	under contract to be constructed June 1 - Aug. 15 2023	1.5
Remaining	Sheridan River Tributary	20100475	COP 9	\$ 616,843	\$ 1,205,555	DOT/Eyak	Replace	surveyed, in design, 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, in design, majority of construction funding received from NOAA, to be re-located under Copper River Highway	
	Elsner River Tributary	20101904	CAB 1	\$ 56,342	\$ 196,554	DOT Airport Leasing/Eyak	Remove	completed 65% design, construction funding received from NOAA	0.3
		20101905	CAB 2	\$ 544,344	\$ 820,554	DOT Airport Leasing/Eyak	Replace	completed 65% design construction funding received from NOAA	
	Total Direct Cost			\$ 7,478,963	\$ 10,567,645				21.74
	9% GA			\$ 673,107	\$ 951,088				
	Total Cost			\$ 8,152,070	\$ 11,518,733				
MATCH		20100482	COP 16			DOT	Replace	complete	



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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	\$ 210,871.00
Total Estimated Design and Other Contracts	\$ 941,637.50
Construction Costs	
Construction @ Cop 1, 33	\$ 1,849,798.00
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	\$ 6,105,299.11
Project Management	
CRWP	\$ 297,130.70
USFWS	\$ 93,367.38
USFS	\$ 85,597.00
ADFG	\$ 23,100.00
NOAA	\$ 17,538.00
ADOT	\$ 56,498.33
Audit Costs (2020 only)	\$ 18,517.50
Total Estimated Project Management Costs	\$ 591,748.91
Total estimated costs	\$ 7,638,685.52
Award	\$ 8,152,070.00
Funds remaining	\$ 513,384.48