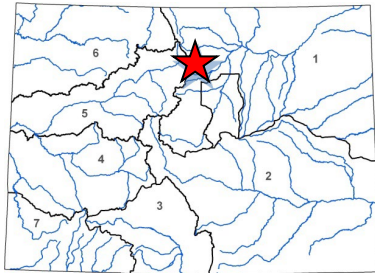




Water Plan Grant Program
Application

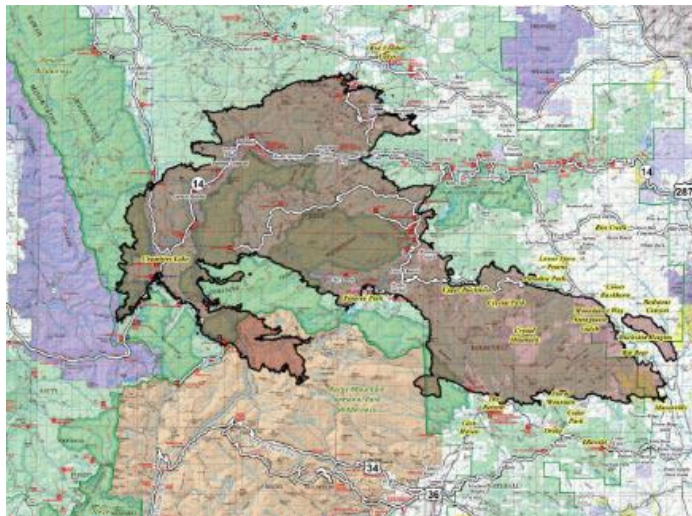


L O C A T I O N	
County/Countries:	Larimer
Drainage Basin:	South Platte

D E T A I L S	
Total Project Cost:	\$796,179
Colorado Water Plan Grant:	\$472,520
Recommended amount:	\$315,171
Other CWCB Funding:	\$0
Other Funding Amount:	\$323,659
Applicant Match:	\$237,333
Project Type(s): Planning	
Project Category: Watershed Health and Recreation	
Measurable Result: Study will provide information on damage to aquatic ecosystems in the Poudre River watershed, and strategies to mitigate against further damage from wildfire related ash and sediment flows. The river reach being studied is 55 miles long.	

The extensive Cameron Peak wildfire in 2020 and monsoonal rain in summer 2021 resulted in an ash and sediment flow that caused destruction of life and property and destroyed recreational and native fish communities and altered habitat in the Cache la Poudre River. This study will assess the level of fish community and habitat destruction, compared with recently collected historical information, and will measure the recovery and resilience of fish populations and habitat in the watershed. Fish population abundances and sediment mapping and monitoring will guide managers interested in restoring aquatic resources, and improving habitat and water quality. This information will be useful to

formulate strategies to mitigate against future debris flows that may alter fish communities, habitat, and water quality in the Poudre River watershed and will be shared at intervals with the many stakeholders and interested parties via written materials and oral presentations, which will aid restoration managers in the Poudre River basin, the State of Colorado, and the western United States, where wildfire impacts increasingly alter aquatic communities and habitat.



Upon CWCB staff request, the applicant reached out to its stakeholders to request more cash contributions to offset the total need from the CWCB Colorado Water Plan

grant program. Colorado Parks and Wildlife acquiesced to the applicant's request, and they will be providing cash match to fully fund the application. This is not reflected in the details above because CWCB staff received a last minute email regarding the additional funds and is awaiting formal notification.