

Bibliography for the East Troublesome Fire (ETF) Story Map
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Source Program - Water Quality Control Division - Grant#2022*3746
And Fire on the Mountain, Inc. Grant 2022

Bozeman B (2016) An Angler's Guide to Water Quality Monitoring. Trout Unlimited Water Quality Monitoring Handbook v. 2. <https://www.tu.org/wp-content/uploads/2019/02/WaterQualityV2.pdf>

CDPHE (2016) Section 401 Colorado Water Quality Certification No. 4366 for US Army Corps of Engineers 404 Permit No. 200380523 for the Windy Gap Firing Project. March 25, 2016.

CDPHE (2022) Colorado's 2022 Integrated Report, Prepared Pursuant to Sections 303(d), 305(b), and 314 of the Clean Water Act. Colorado Department of Public Health and Environment. August 16, 2022.

Center for Watershed Protection (2018) Crediting Water Quality Benefits from Stream Restoration. <https://cwp.org/wp-content/uploads/2020/02/Crediting-Water-Quality-Benefits-from-Stream-Restoration-2018.mp4>

CitSci.org (2022) Colorado Headwater BRAT Survey. Colorado State University. <https://citsci.org/projects/colorado-headwater-brat-survey>

CO Headwaters (2022) Colorado River Headwaters Chapter of Trout Unlimited. Fraser, CO. <https://www.coheadwaters.org/gold-medal-waters>

CPW (2022) Upper Colorado River Drainage Fishing Regulations. Colorado Parks & Wildlife. https://cpw.state.co.us/learn/Maps/UpperColoradoRiverDrainage_FishingRegulations_geo.pdf

Deacon JR and Mize SV (1997) Effects of Water Quality and Habitat on Composition of Fish Communities in the Upper Colorado River Basin. U.S. Geological Survey Fact Sheet FS-122-97 <https://pubs.usgs.gov/fs/fs122-97/pdf/fs122-97.pdf>

FACStream 1.0 (2015) Functional Assessment of Colorado Streams. EcoMetrics, LLC and Colorado State University. <https://www.coloradosmp.org/wp-content/uploads/2021/03/2015-FACStream-1.0-Manual.pdf>

Federal Register (2006) Pesticides; Data Requirements for Biochemical and Microbial Pesticides. Proposed Rule by the Environmental Protection Agency. 71 FR 12071: 12071-12117

Fire on the Mountain (2022) Troublesome Fest. Fire on the Mountain, LLC. <https://www.troublesomefest.com/fire-on-the-mountain>

Grand County Parcel Viewer (2022) Grand County, Colorado <https://gcgeo.maps.arcgis.com/apps/webappviewer/index.html?id=19227102adf34489bb7311fc1ddb39f0> (NOTE: *must manually toggle the layers icon (upper right corner) and select "ETF perimeter"*)

Grand County Watershed Recovery (2022) East Troublesome Fire Recovery Portal. Northern Water.
<https://www.northernwater.org/Home/IframePage/176a41d3-1cb7-4463-9f28-6def82602098>

Kawuneeche Group (2020) Kawuneeche Group Beaver Baseline: poster presentation at the Rocky Mountain National Park Biennial Research Conference in Estes Park, CO. March 11-12, 2022.

KVERC (2022) Kawuneeche Valley Ecosystem Restoration Collaborative.
<https://www.co.grand.co.us/1436/KVERC>

Lancaster (2022) Rainwater Harvesting for Drylands and Beyond, Volume 2 Water Harvesting Earthworks, by Brad Lancaster, Rainsource Press <https://www.harvestingrainwater.com/>

Lokteff R (2010) Personal communication with former Grand County Water Information Network (GCWIN) employee Ryan Lokteff.

McGuire P (2021) Gold Medal Waters in Colorado. Uncover Colorado.
<https://www.uncovercolorado.com/gold-medal-fishing-waters-in-colorado/>

Northern Water (2022) East Troublesome Fire Soil Burn Severity.
<https://www.northernwater.org/getmedia/6dfa6a43-42d5-465a-9777-297e4fa9eb63/East-Troublesome-Soil-Burn-Severity-map.pdf>

NPS (2022) Grand Ditch Breach Restoration Plan. National Park Service, U.S. Department of the Interior.
https://www.nps.gov/romo/learn/management/grand_ditch_breach_rest_eis.htm

Parsons A, Robichaud PR, Lewis SA, Napper C, Clark JT (2010) Field Guide for Mapping Post-Fire Soil Burn Severity. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. Gen. Tech. Rep. RMRS-GTR-243.
https://www.fs.usda.gov/rm/pubs/rmrs_gtr243.pdf

RMNP (2007) Final Environmental Impact Statement Elk and Vegetation Management Plan for Rocky Mountain National Park, Colorado. December 2007.

RMNP (2022) Wilderness/Backcountry Management Plan. National Park Service, U.S. Department of the Interior. https://www.nps.gov/romo/learn/management/wilderness_backcountry_plan.htm

ROMO (2022) Scientific Research and Collecting Permit #ROMO-2022-SCI-0011 for Kawuneeche Beaver Baseline. May 6, 2022 through December 31, 2022.

Rosgen DL (1994) Classification of natural rivers. Wildland Hydrology, 157649 U.S. Highway 160, Pagosa Springs, CO 81147. Catena 22:169-199
<http://pages.geo.wvu.edu/~kite/Rosgen1994ClassificationRivers.pdf>

Rosgen DL (2011) Natural Channel Design: Fundamental Concepts, Assumptions, and Methods. In A. Simon, S.J. Bennett, & J.M. Castro (Eds.), Stream Restoration in Dynamic Fluvial Systems: Scientific Approaches, Analyses, and Tools, Geophysical Monograph Series 194, pp. 69–93. Washington, D.C.: American Geophysical Union.

https://wildlandhydrology.com/resources/docs/River%20Restoration%20and%20Natural%20Channel%20Design/Rosgen_2011_Natural_Channel_Design.pdf

Rosgen DL (2006) Cross-Vane, W-Vane, and J-Hook Vane Structures (Updated 2006). Description, Design, and Application for Stream Stabilization and River Restoration, by David L. Rsgen, P.H., Ph.D., Wildland Hydrology, Inc, Fort Collins, CO. www.wildlandhydrology.com

Trout Unlimited (2022) Colorado Gold. <https://coloradogoldmedalwater.tu.org>

UCRWG (2018a) Upper Colorado River Watershed Resiliency Plan. Upper Colorado River Watershed Group. April 4, 2018. <https://ucrwg.org/watershed-resiliency-plan/>

UCRWG (2018b) WaterSMART Roadmap to a Healthier, More Resilient Upper Colorado River Watershed. Upper Colorado River Watershed Group. September 2018.

<https://ucrwg.org/roadmap-to-a-watershed-management-plan/>

UCRWG (2018c) BRAT Map for the North Fork Colorado River by Ryan Lokteff. Upper Colorado River Watershed Group. (see list of supporting documents on the homepage of the Grand Environmental Services website)

USBR (1937) US Senate Document No. 80: Colorado-Big Thompson Project synopsis of report on Colorado-Big Thompson Project, plan of development and cost estimate prepared by the Bureau of Reclamation, Department of Interior. Presented by Mr. Adams June 15, 1937.

http://media.rainpos.com/108/senate_document_80_clean.pdf

USBR (2011) Windy Gap Firming Project Final Environmental Impact Statement. US Bureau of Reclamation, Loveland, CO. November 2011.

USBR (2014) Senate Document No. 80 Determination. United States Bureau of Reclamation, Department of the Interior.

<https://www.co.grand.co.us/DocumentCenter/View/7052/WGFP-IGA---11--b--Memo-Senate-Documen-No-80-Determination>

USBR Projects & Facilities (2022) Shadow Mountain Dam. United States Bureau of Reclamation.

<https://www.usbr.gov/projects/index.php?id=235>

USEPA (2017) Sediment-Related Criteria for Surface Water Quality. United States Environmental Protection Agency.

https://19january2017snapshot.epa.gov/sites/production/files/2015-10/documents/sediment-appendix_3.pdf

USEPA (2022) How's My Waterway. United States Environmental Protection Agency.

<https://mywaterway.epa.gov/community/140100010303/overview>

USFS (2022) Burned Area Emergency Response - BAER. United States Forest Service.
<https://www.fs.usda.gov/naturalresources/watershed/burnedareas-background.shtml>

USFWS (2015) The Beaver Restoration Guidebook v. 1.

<https://www.fws.gov/sites/default/files/documents/BRG%20v.1.0%20final%20reduced.pdf>

USFWS (2018) Beaver Restoration Handbook v. 2. (see list of supporting documents on the homepage of the Grand Environmental Services website)

USGS (2018) Emergency Assessment of Post-Fire Debris-Flow Hazards. United States Geological Survey.

<https://www.usgs.gov/programs/landslide-hazards/science/emergency-assessment-post-fire-debris-flow-hazards>

USGS (2020) Landslides Hazard Program: East Troublesome (Arapahoe and Roosevelt National Forests, CO). United States Geological Survey.

https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=338

USGS Water Resources (2022) USGS 09010500 Colorado River Below Baker Gulch NR Grand Lake, CO. National Water Information System: Web Interface.

https://waterdata.usgs.gov/nwis/uv?site_no=09010500&legacy=1

USGS Water Science School (2018) Temperature and Water. United States Geological Survey: Water Science School.

<https://www.usgs.gov/special-topics/water-science-school/science/temperature-and-water>

Web Soil Survey (2022) Natural Resources Conservation Service, United States Department of Agriculture. <https://websoilsurvey.nrcs.usda.gov/>.

Zeedyk B and Clothier V (2022) 2009-2022: Let the Water Do The Work, Induced Meandering, and Evolving Method for Restoring Incised Channels (2009-2022), by Bill Zeedyk and Van Clothier. Third Printing by Chelsea Green Publishing, White River Junction, VT.