

Watershed / Stream Management Planning

Funding Sources



Funding Sources (page 1):

CWCB Watershed Restoration Grant (50% cost share)

Categories: 1) Flood Mitigation, 2) Stream Management Planning,
3) Watershed & Stream Restoration

CWCB Water Plan Funds: \$7M in 2019

Categories: Storage, Agriculture, Outreach, Conservation, Env. & Rec

Other CWCB Funding:

- WSRF (feasibility studies, engineering, projects)
- Basin RTs

FEMA grants: flood recovery, hazard mitigation, pre-disaster mitigation

Department of Local Affairs (DOLA) (flood recovery)

Funding Sources (page 2):

BoR Watersmart Cooperative Watershed Mgmt. Program

- (\$50K for watershed group creation, planning, design; no cost-share)
- (\$100K for project implementation; 50% cost share)

BoR Watersmart Small-Scale Water Efficiency Grants

- \$75K max. funding for irrigation & water districts, etc. for small water efficiency improvements (flow measurement and automation devices, ditch lining / piping to address seepage, etc; 50% cost share).

CDPHE Nonpoint Source Funding (water quality; 60% cost share)

CDPHE SEP grant (\$1K - \$100K; water quality; includes assessments)

State Forest Service:

- Forest Restoration & Wildfire Risk Mitigation Grant: 50% cost share, \$250K max grant.
- Forest Legacy Program (funds CEs to prevent forest fragmentation)

Fire facts:

- 2018: fire burned 524,000 acres in Colorado
- 1.8 M ac. of Beetle kill in CO (Increased by 178K ac. in 2018)
- Forested areas provide water to 80% of Colorado's residents
- ~ 2.9 M people live in Colorado's wildland-urban interface (CO Wildfire Risk Assessment (Nov. 2018, State Forest Service))

2018 Mountain Pine Beetle Activity

County	2017 Acres Affected	2018 Acres Affected	1996-2017 Cumulative Acres Affected	1996-2018 Cumulative Acres Affected
Garfield	0	0	11,000	11,000
Moffat	0	0	16,000	16,000
Rio Blanco	10	0	44,000	44,000

Watershed management planning can include assessment & prioritizing areas for forest thinning / fire mitigation to protect uses.

Funding Sources (page 3):

USDA Natural Resources Conservation Service (NRCS):

Resource Conservation Partnership Program (RCPP)

- **EQIP – ditch companies now eligible**
- **Targeted Conservation Pool (TCP):** Landowners plan and implement locally developed conservation projects that address priority resource concerns using a local work-group process.
- **Emergency Watershed Protection Program (flood recovery)**
- **Watershed Rehabilitation Program:** Financial & technical assistance for watershed dam rehab. Extends dam life or decommissions old dams that threaten life and property.

Great Outdoors Colorado (GOCO); stream restoration

Non-Profits & Private foundations (see Colorado Watershed Assembly website – Funding Opportunities)

Wrap-up Discussion & Reference Resources:



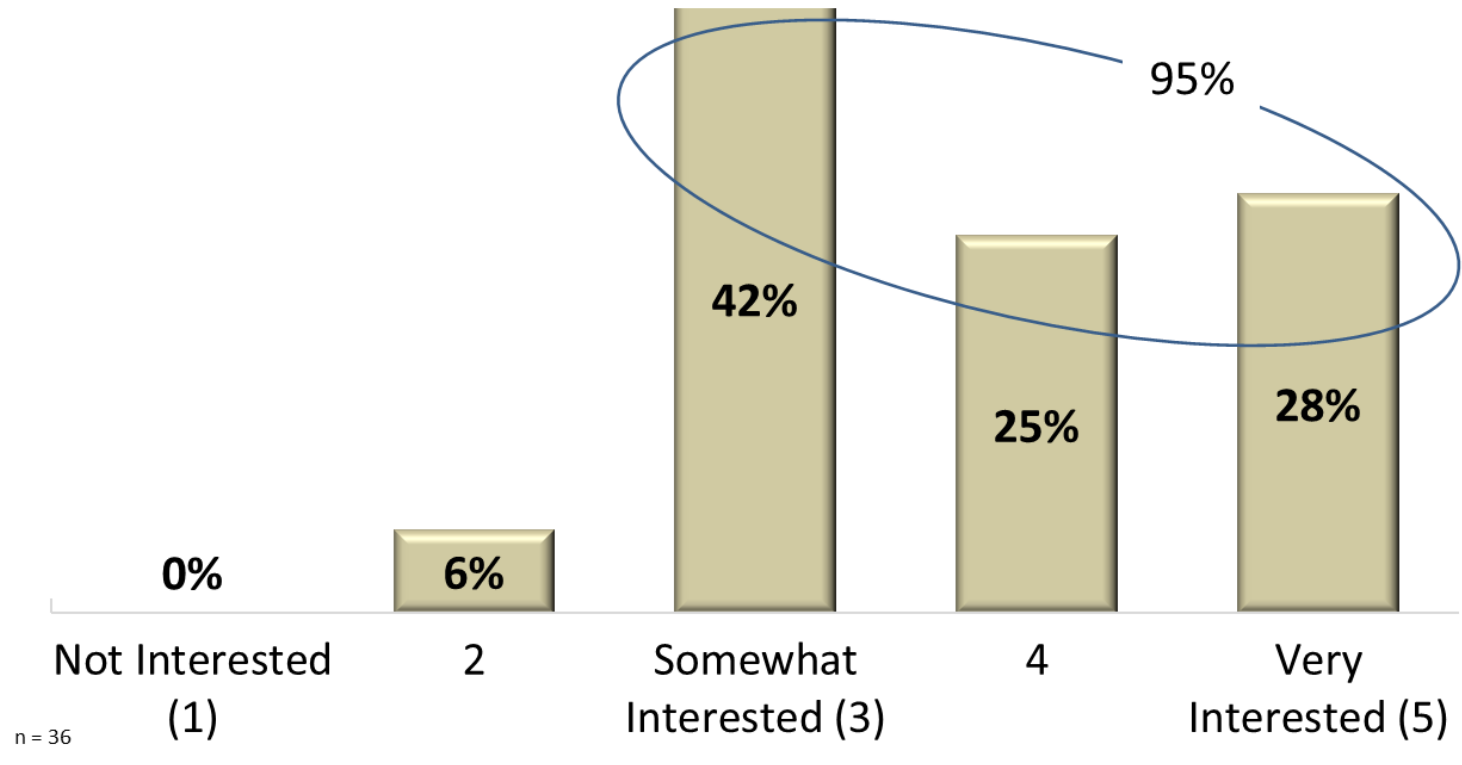
Take-aways of Successful watershed/stream planning:

1. Transparent process
2. Locally-led (local knowledge, familiarity, trust)
3. Clearly define needs and goals
4. Include all water stakeholders
5. Respects private land and water right ownership
6. One-on-one engagement with ag producers
7. Protect and maintain existing uses
8. Strive for multiple benefit projects (win-win)
9. Continually adapt and improve
- 10. Clear, Consistent Communication early and often!**

Agriculture can help shape the goals, the priorities and the values of local plans!

Are Ag Producers in the White River Basin interested in Watershed and Stream Mgmt. Planning?

Please rate your interest in participating in a local watershed management planning initiative:



Reference Resources:

Watershed Health and Management (Co. Water Plan, Chap. 7):
<https://www.colorado.gov/pacific/cowaterplan/plan>

Water Law: *Citizens Guide to Colorado Water Law* (WEC)

Water Court: <https://www.courts.state.co.us/Courts/Water/Index.cfm>

Division of Water Resources (DWR) *Quick Guide to Water Rights*

Division of Water Resources: DWR <http://water.state.co.us/Home>

Surface water conditions:

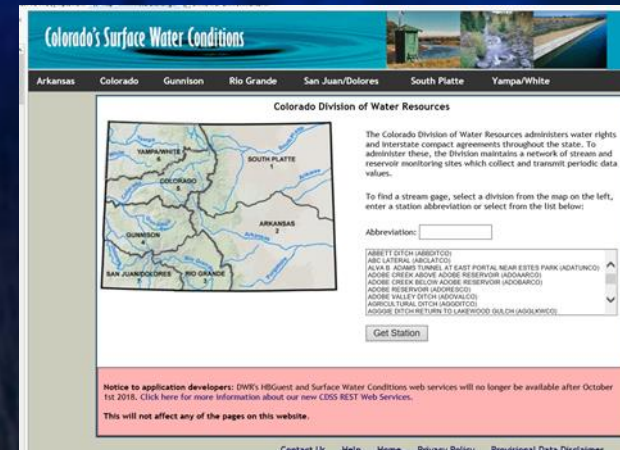
<http://www.dwr.state.co.us/SurfaceWater/Default.aspx>

CDSS: streamflow data, well rights & permits

<https://www.colorado.gov/cdss>

Rio Blanco Water Conservancy District

<https://www.colorado.gov/rbwcd>



The screenshot shows the Colorado Division of Water Resources website. At the top, there is a navigation bar with tabs for Arkansas, Colorado, Gunnison, Rio Grande, San Juan/Dolores, South Platte, and Yampa/White. Below this is a map of Colorado with numbered regions: 1 (South Platte), 2 (Arkansas), 3 (Rio Grande), 4 (Gunnison), 5 (San Juan/Dolores), and 6 (Yampa/White). To the right of the map is a text area with the following content:

Colorado Division of Water Resources

The Colorado Division of Water Resources administers water rights and interstate compact agreements throughout the state. To administer these, the Division maintains a network of stream and reservoir monitoring sites which collect and transmit periodic data values.

To find a stream gage, select a division from the map on the left, enter a station abbreviation or select from the list below:

Abbreviation:

TABLET ETECH (ARSDTFC)
ARC LATERAL (ARCLATFC)
ALVA B ADAMS TUNNEL AT EAST PORTAL NEAR ETTES PARK (ADATUNFC)
ADOBE CREEK ABOVE ADOBE RESERVOIR (ADOCRCFC)
ADOBE CREEK BELOW ADOBE RESERVOIR (ADOCRCFC)
ADOBE RESERVOIR (ADOCRCFC)
ADORE VALLEY ETECH (ADOREVFC)
ADORE VALLEY ETECH (ADOREVFC)
ADORE TUNNEL ETECH (ADORETFC)
ADOBE ETECH RETURN TO LAKEWOOD (ADORETFC)

Notice to application developers: DWR's HSGent and Surface Water Conditions web services will no longer be available after October 1st 2018. Click here for more information about our new CDSS REST Web Services.

This will not affect any of the pages on this website.

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Reference Resources:

CDPHE Water Quality Control Division -

Integrated Water Quality Monitoring and Assessment Report

<https://www.colorado.gov/pacific/cdphe/wqcc-reports-and-plans>

Colorado Watershed Assembly (map): <http://www.coloradowater.org/>

Watershed groups and conservation districts:

- <http://www.coloradowater.org/colorado-watershed-basins-map>

Map of Stream Management Plans (CAWA):

<https://www.coagwater.org/streammanagement>

Stream Management Plans resource library: www.coloradosmp.org

Yampa River Structural Master Plan:

<https://friendsoftheyampa.com/yampa-river-structural-master-plan/>



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