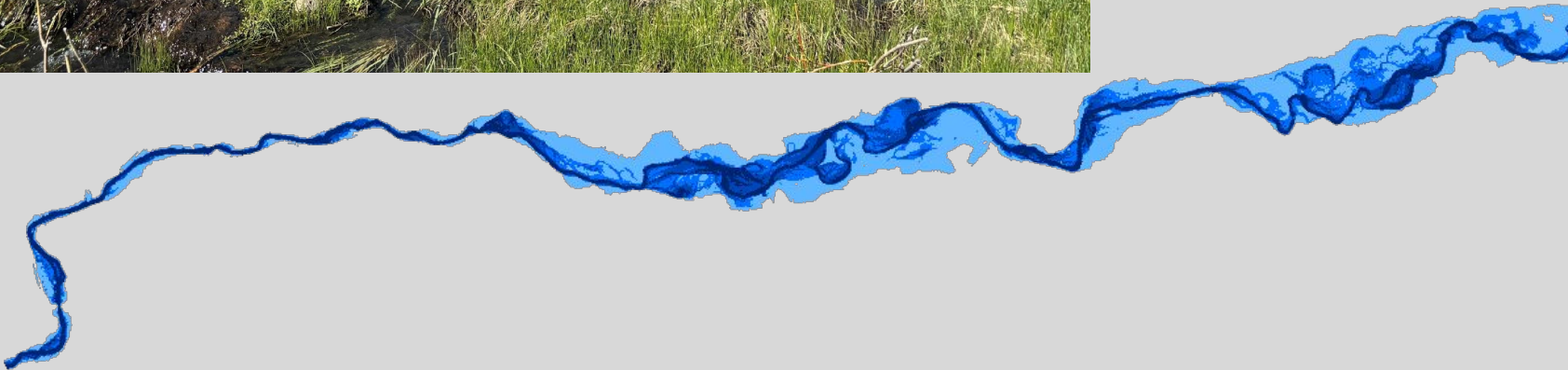


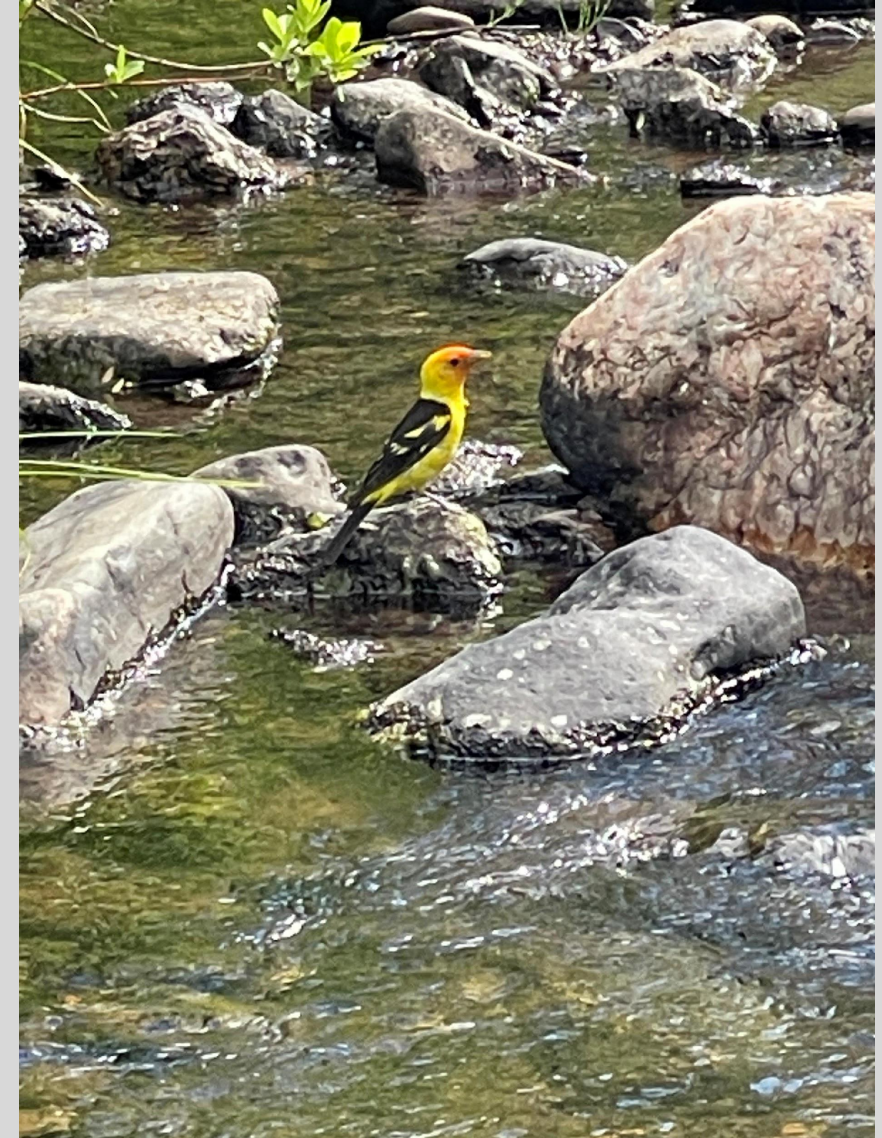
Riverscape Restoration & Water Security in New Mexico



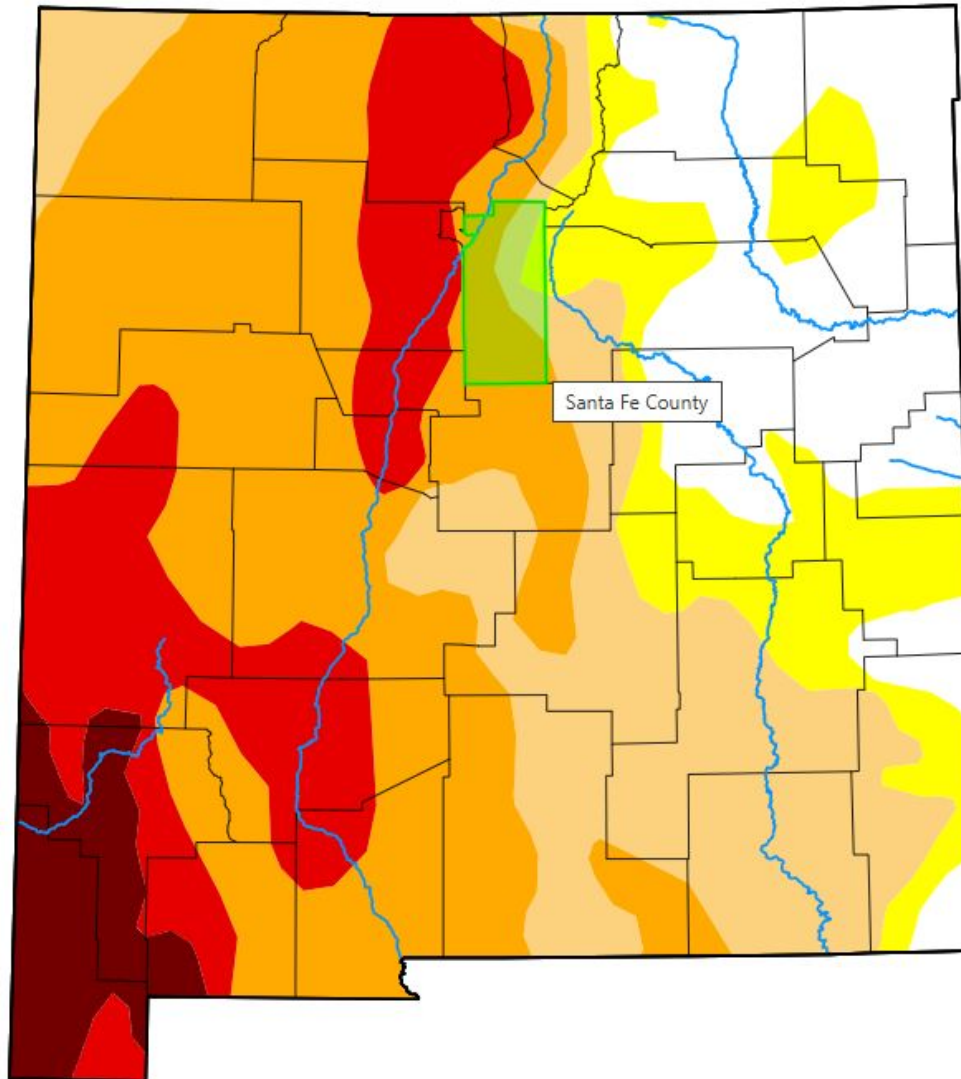
Cecil Rich, PhD
Director of Resilient
Waters



Why Riverscapes Matter in NM



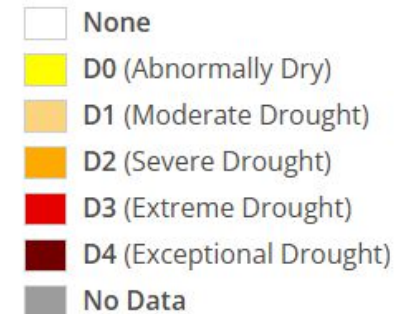
New Mexico's Water Crisis



Map released: Thurs. August 14, 2025

Data valid: August 12, 2025 at 8 a.m. EDT

Intensity



Authors

United States and Puerto Rico Author(s):

[Richard Tinker](#), NOAA/NWS/NCEP/CPC

Pacific Islands and Virgin Islands Author(s):

[Brad Rippey](#), U.S. Department of Agriculture

What is "Restoration"?



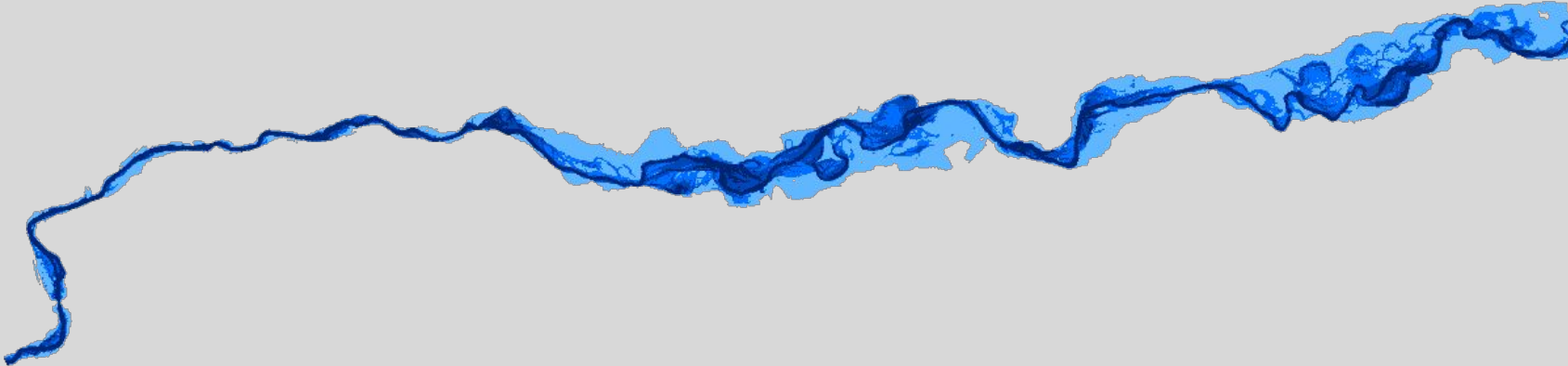
LTPBR — What Is It?

Beaver Dam Analog



LTPBR — What Is It?

Woody Debris Structure-
PALS



How Does LTPBR Work?



Why Use Low-Tech Methods?



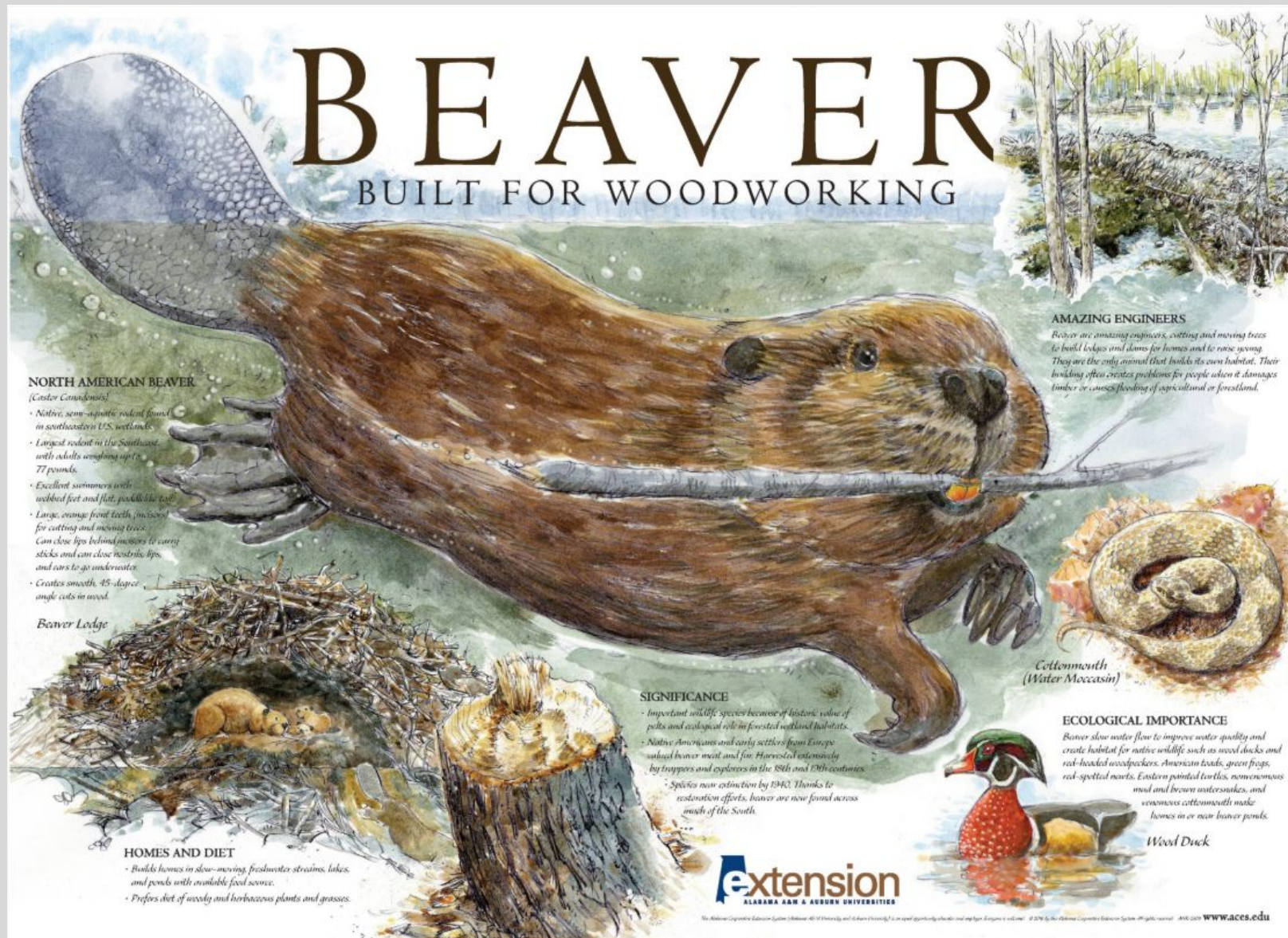
Traditional, form-based
methods
Cost - \$250K - \$400K/mile



LTPBR
Cost - \$30K -
\$80K/mile



Beavers as Nature's Engineers

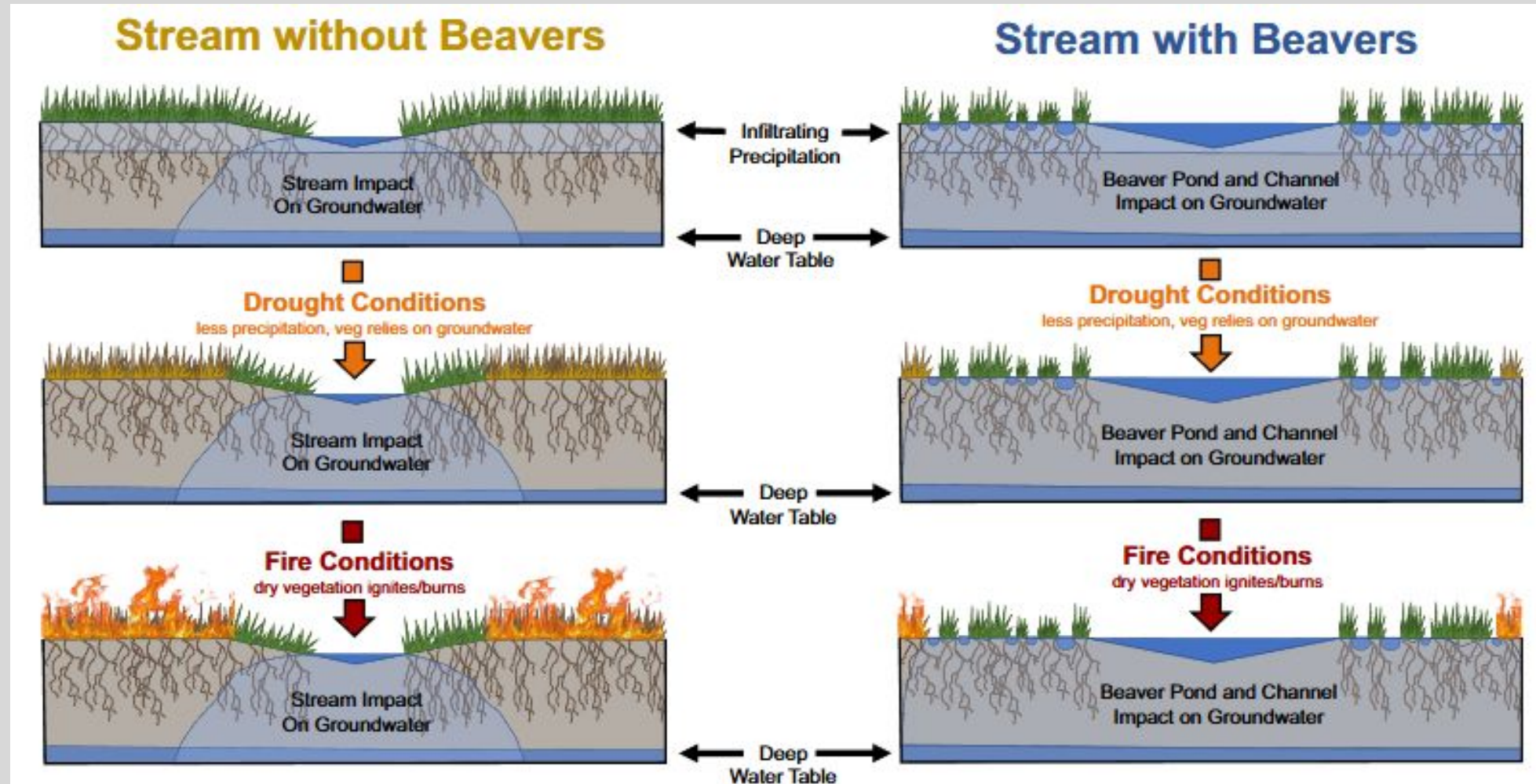


BDAs — Bringing Beaver Benefits Where Beavers Are Missing

Polvadera Creek — Rio
Chama



What Happens When Beavers and BDAs Are Present?



Bringing a River Back



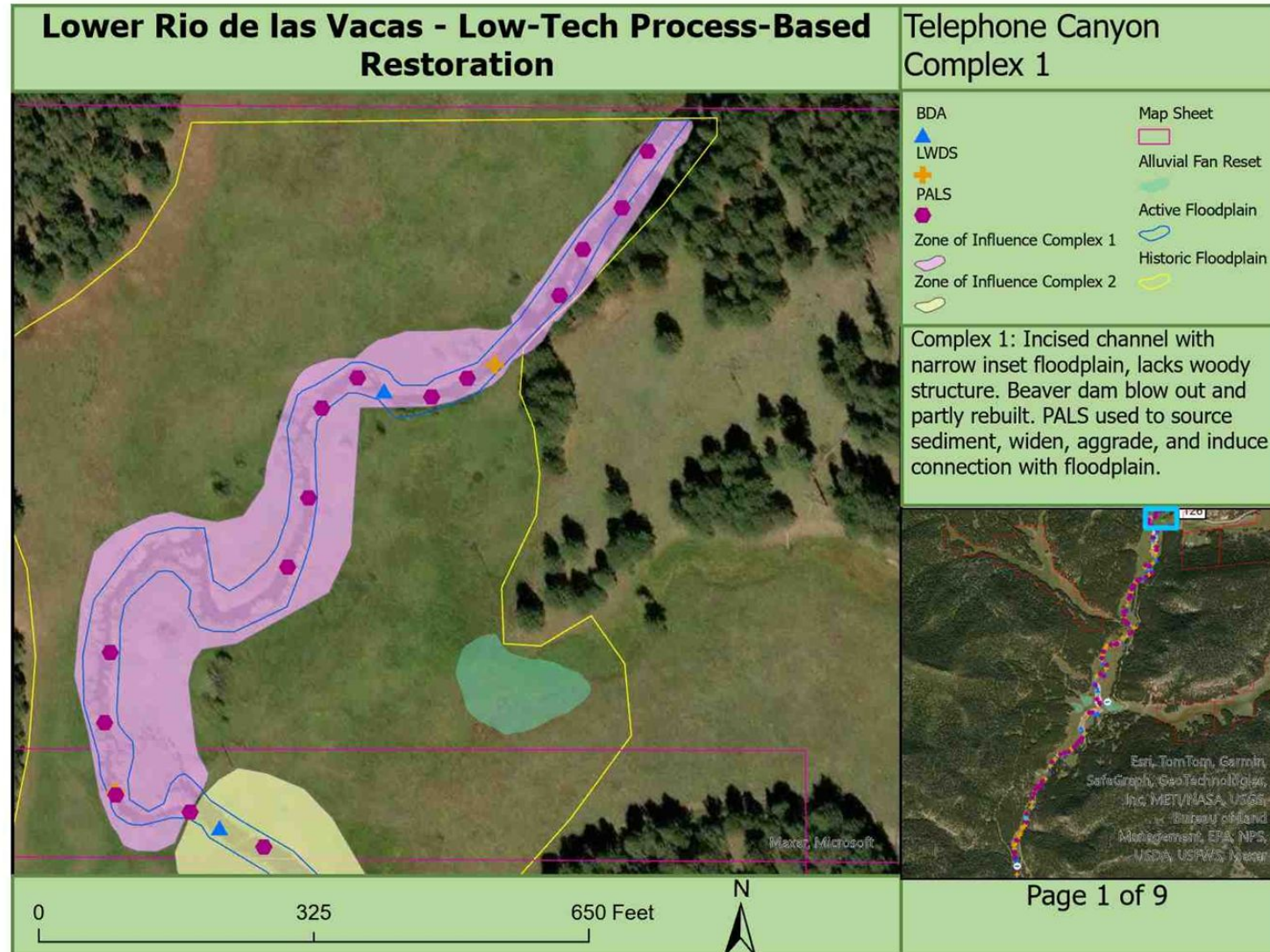
Rio de las Vacas

Bringing a River Back

Rio de las Vacas



LTPBR Design



Before and After on San Antonio Creek



201
9



202
4

Before on San Antonio Creek



201
9

After on San Antonio Creek

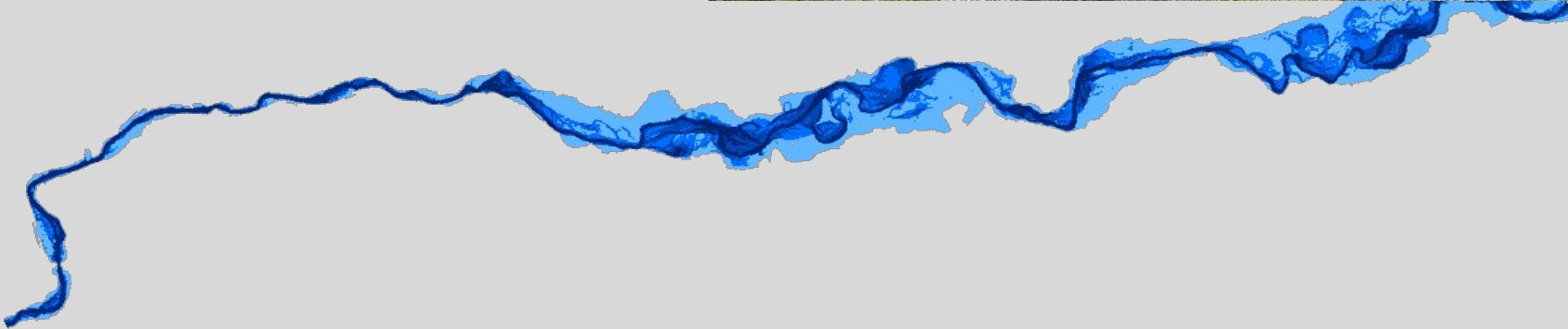


202
4

RGR on the Ground — Real Results



Restoration with People



Scaling Up Riverscape Restoration



Overcoming Challenges to Restoration



How Can You Support Riverscape Restoration?



ABOUTCONTACT USDONATEGET INVOLVED

RIVERSCAPE RESTORATIONHABITAT CONSERVATIONPLANNING & ASSESSMENTNM BEAVER COALITION



New Mexico Beaver Coalition

Working to expand the distribution of beaver across New Mexico

The purpose of the New Mexico Beaver Coalition is to bring together a diverse group of state, federal, tribal, non-profit, for-profit organizations, and individuals to share information, coordinate activities, and identify common interests and opportunities to work collaboratively to expand the distribution of beaver across New Mexico.

The Coalition meets quarterly to discuss and advance the status of beaver-related activities such as planning for beaver management, beaver habitat expansion, human-beaver coexistence, beaver relocation, and beaver education and outreach. The Coalition hosts webinars with invited speakers, field trips to beaver habitat restoration sites, and workshops on human-beaver coexistence methods.

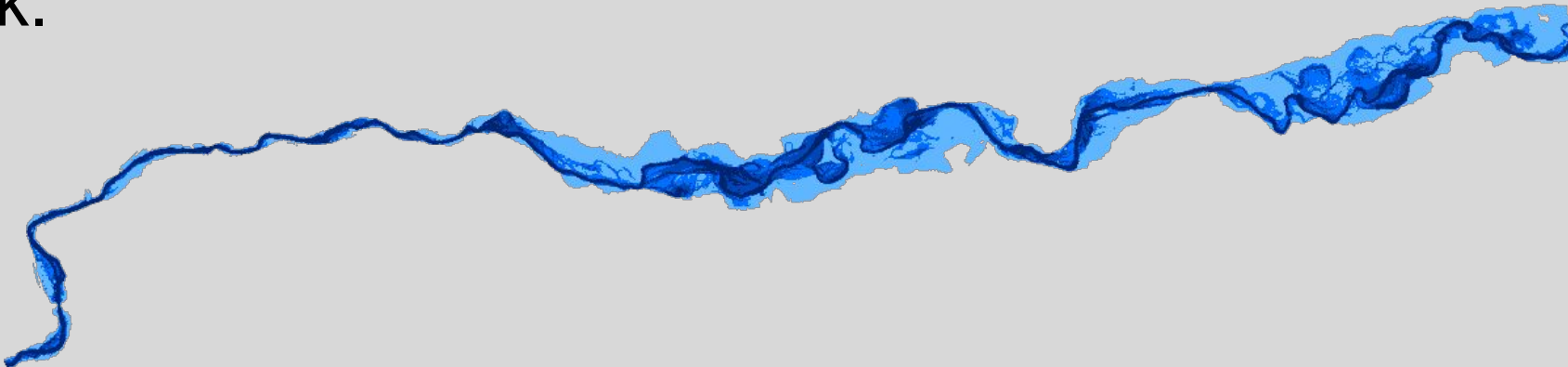
The [New Mexico Beaver Dam Census report](#) is complete. See the end of the report on how to obtain the data as shapefiles or .kmz files.

New Mexico Beaver Coalition Tools and Resources

Next volunteer event: Wednesday, September 9th
on the Rio Cebolla upstream of the Seven Springs
Fish Hatchery, Contact
Karen@RioGrandeReturn.org

Engaging Questions for You

- What worries you most in your community—drought, fire, erosion?
- How do you think beaver-based restoration could help?
- Who would you want to partner with for hands-on waterscape repair? Your answers will help us direct future work.



Animal Medicine: A Gathering for Relatives



Hosted by:

ADAM BURNETT

Executive Director
Beaver Institute

CHRIS SMITH

Wildlife Program Director
WildEarth Guardians

CRISTINA MORMORUNNI

Co-Founder & Executive Director
INDIGENOUS LED



Featuring:

LISA NEVADA

Choreographer | Dancer

CAMI' LEONARD

Interdisciplinary Artist | Dancer

FRI AUG 29

FREE BEER & PIZZA 5:30P
FILMS + PANEL 6:30P



beaverinstitute and 2 others



beaverinstitute 1d

Check out the films & panelists for ANIMAL MEDICINE: A GATHERING FOR RELATIVES. This evening of short films and discussion, woven together with moments of dance, sounds & visions is free & open to the public. Registration encouraged to reserve a seat. Please visit the link in our bio to register.

[#beaver](#) [#bison](#) [#wolf](#) [#coexistence](#)
[#santafe](#) [#newmexico](#) [#freeevent](#) [#film](#)
[#documentary](#)



jenwohlf 1d

Will this be streamed if we don't live in state?

Like Reply



69 likes

1 day ago

[Log in](#) to like or comment.

Thank You & Let's Continue the Conversation



Cecil Rich
[cecil@RioGrandeReturn.o](mailto:cecil@RioGrandeReturn.org)

