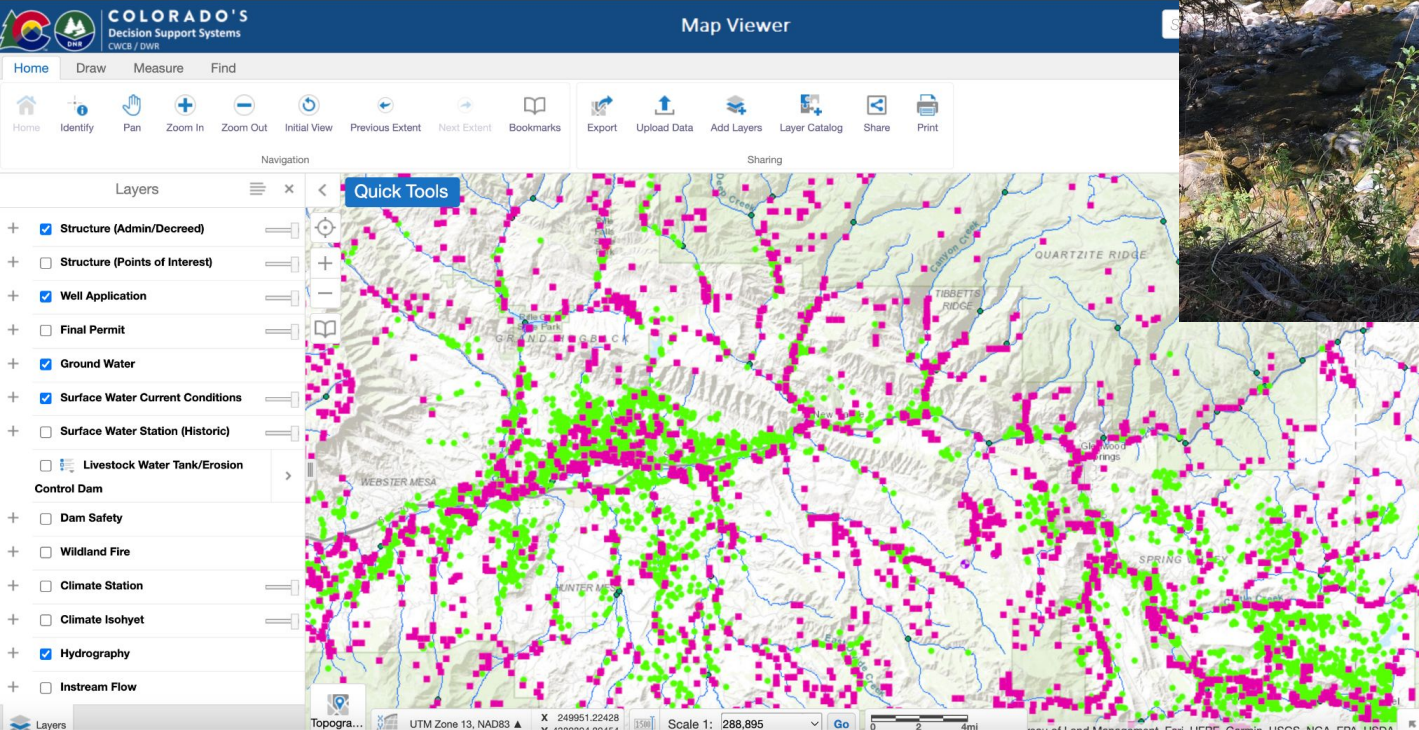


Town Of New Castle Presentation Friends of Canyon Creek Water Wellness Committee March 19, 2024

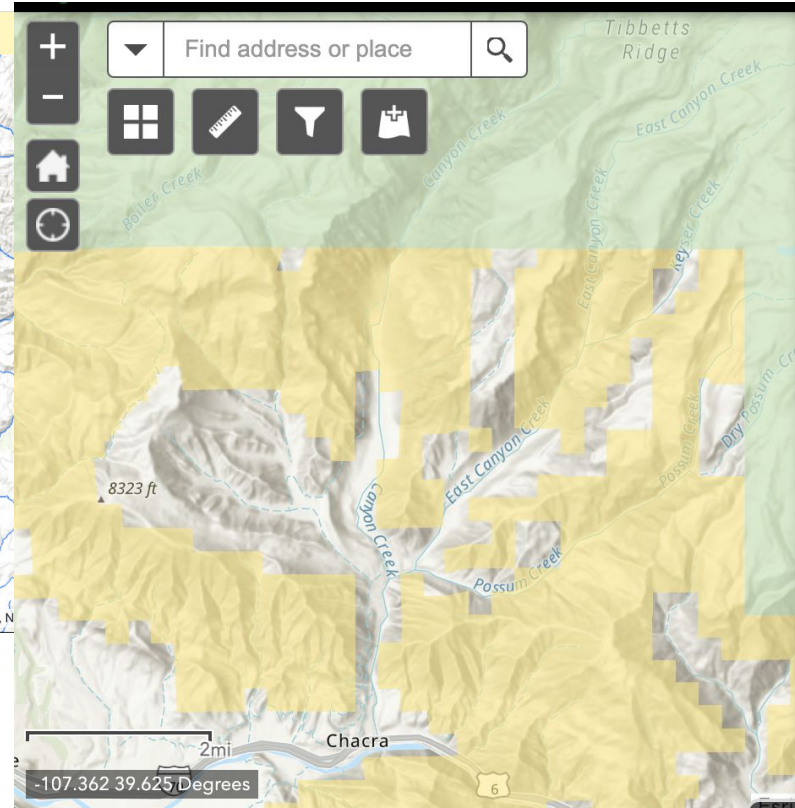
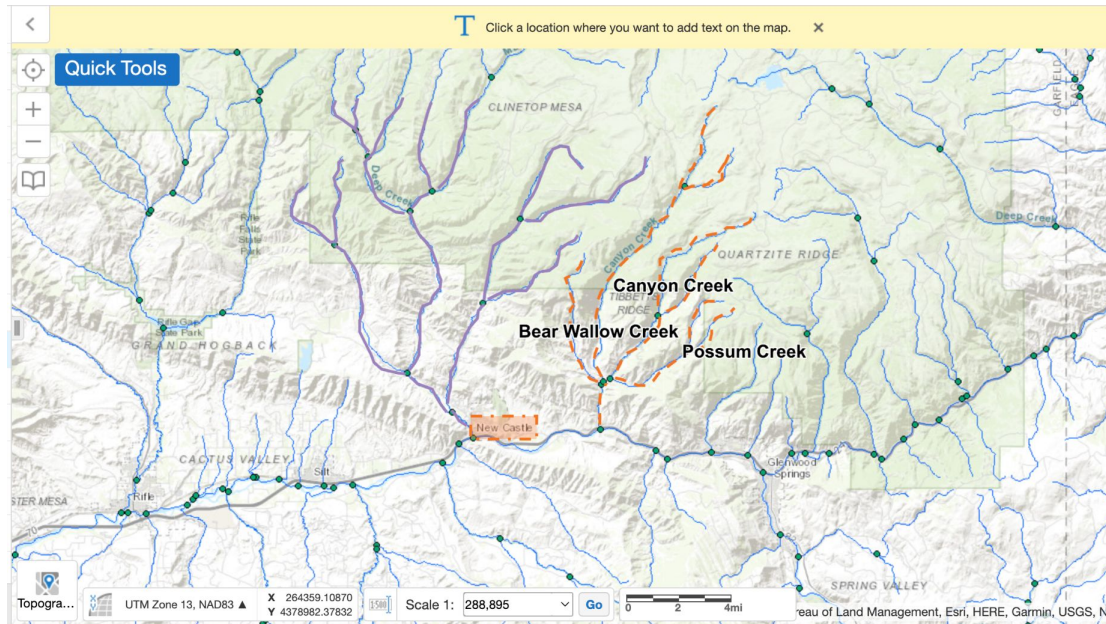


Our Mission

“Without coordination and communication, best intentions can enact and result in irreversible consequences.”

Through Education, Information and Advocacy,
We commit to Protect and Ensure the Viability and
Wellness of the Canyon Creek Watershed and its Natural
Environment from Headwaters to Confluence.

The Importance of Place and Time



Historic Importance of 175 years

1850- Original Ute/Nuche Territory

1868- Treaty

1873-Treaty-First Prospectors

1879-Meeker- 40,000 into Leadville Western Slope

1880s- Fort Defiance and Carbonate - First Water Rights Filed in 1883

1883- GWS Becomes County Seat

Most Access was from Carbonate and the Flat Tops - First Water Tunnels to Bear Wallow from Canyon Creek

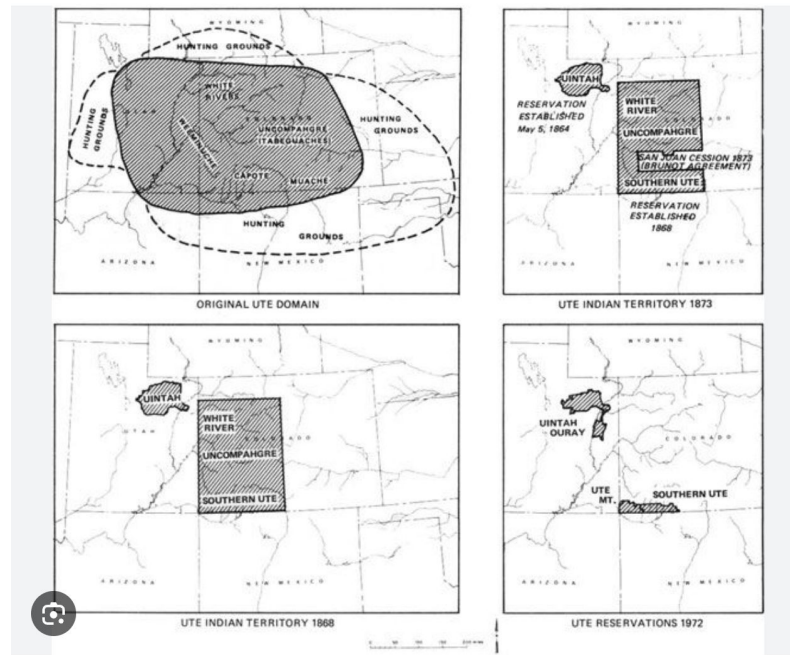
1922-Colorado Compact

1923- Chepita at Hotel Colorado

1940s- Rockin Pines

1950s - Bear Wallow

Continual Ditches and Diversions



History of Canon Creek by Way of Carbonate Trail By Lena M. Urquhart 1959

First Hand Account of the early settlers- Included in your packet.
1879 was the earliest recorded dissension into (Black) Canon Creek from Dotsero and Carbonate. (1883-2024 =141 years)

Development and Expansion of Water Flow in 140 years

[Colorado Division of Water Resources](#) Interactive Map

New Castle Location

“Current Impact on Water Resources”

Hydrology

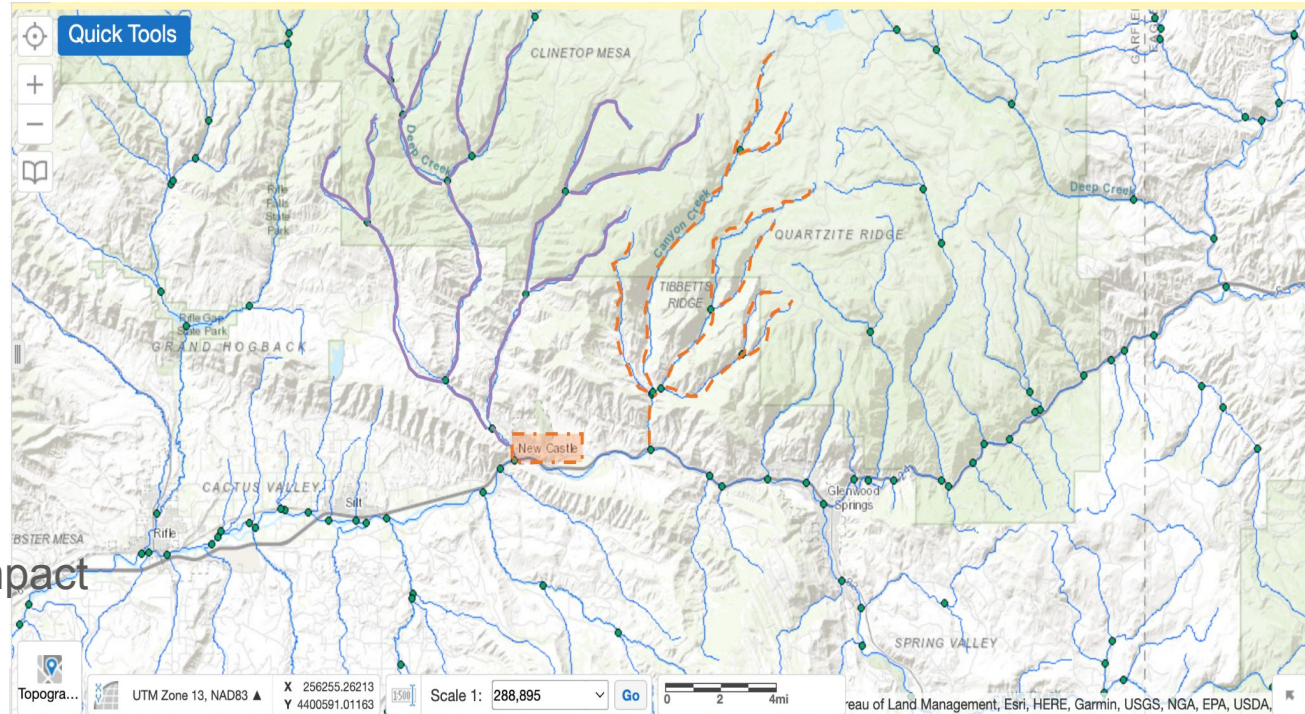
Structures

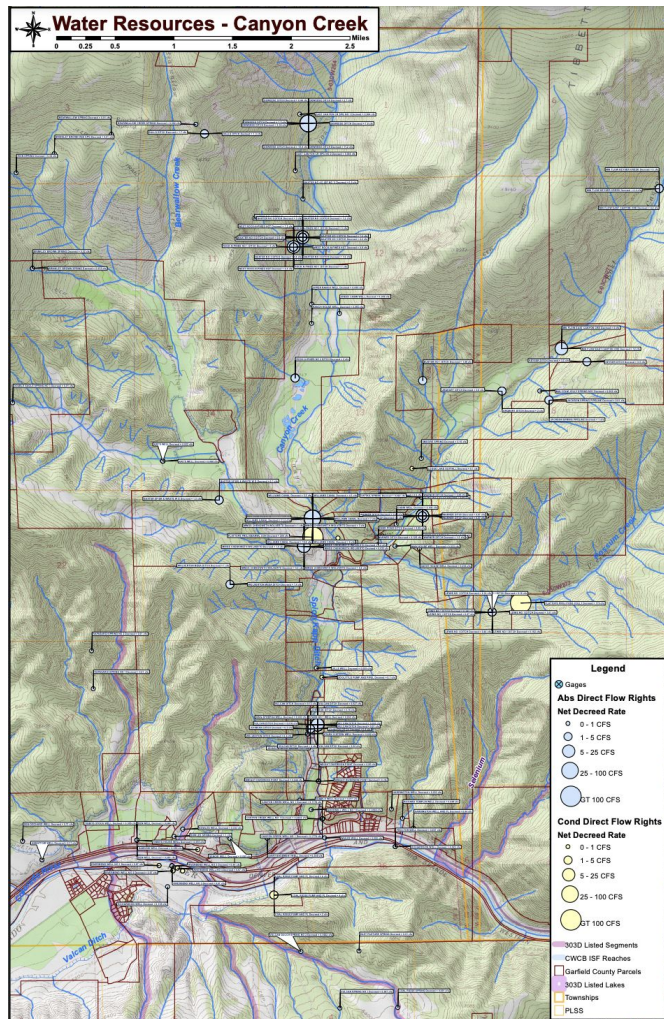
Wells

CoGCC

Water Scarcity and Co. Compact

Climate Change





Focus: Canyon Creek

Enlargeable Decreed Water CFS Map for CC

River District Map in PDF

(Natural Flow) is variable and has not been recorded.

Historic Gauges: None have been Consistent.

Total Decreed Water CFS From Canyon Creek At Minimum with Additional Invisible and Additional Water Table South Side Draws,

145.5914 cfs

APPROXIMATE Decreed CFS Water Use on Canyon Creek

From South to North - water decrees on Canyon Creek

South of Colorado River	CFS
Coal Ridge spring	0.001
Vulcan spring #1	0.007
East pasture spring	0.01
Vulcan Gulch spring #2	0.0022

(Pumphouse)	
Coal Ridge Pump and Pipeline	2
Coal Ridge Pump and Pipeline	4
Coal Ridge Pump and Pipeline	6

Richardson Well	0.165
-----------------	-------

Riverbend Wells

Riverbend well #1	.67
Riverbend well #2	.67
Riverbend well #3	.44
Riverbend well #4	.67

Richardson well	.022
Proctor well	.067

North of Colorado River East to West

Harrington well and pipeline	.04
Richard Templin well	.044
Harrington well	.033

North on Canyon Creek - creek bed

Wailes well	.055
Canyon Creek well #1	.1778*
Canyon Creek well #1*	.1178
Canyon Creek well #1	.2222 *
Goodsell well	.0066
Temple well	.011
Wright Diversion point	0
Wright Diversion point	.044
Wright Diversion point	.25

North on Canyon Creek - creek bed continued

Johnson ditch	2.1
Johnson ditch	.4
Johnson ditch	.5
Johnson ditch	.16
Wolverton ditch	.4
Vulcan ditch	4
Vulcan ditch	.02
Vulcan ditch	.01
Vulcan ditch	.243
Vulcan ditch	.018
Vulcan ditch	.027
Vulcan ditch	.13

Stark Cistern well	.022
King-Strepka	.033
Stark	.033

Zoolittle	.1
Jill's Well	.055

Possum Creek

Lewis ditch #1	2.14
Lewis ditch#1	.16
Lewis ditch#	.243
Lewis ditch #1	.27
Lewis ditch #1	1.01
Lewis ditch#1	.44
Lewis ditch#1	.162
Flattops Project possible collection	175 cfs

East Canyon Creek

Guest House well	.033
Main house well	.033
Warner ditch	.125
Warner ditch	1.5
Warner ditch	.13
Warner ditch	2cfs ?
Warner ditch	.67
Warner ditch	.07
Warner ditch	2.65

Lewis ditch #2	.162
Lewis ditch#2	.04
Deer Pond ditch	.25

Cabin well	.033
Cattail spring	.022
Cattail spring	.5?
Lodge Lake outfall	.1
Smoores spring	.15
Buster #1 ditch	1.48

Right side of East Canyon Creek

Urquhart ditch	2
Urquhart ditch	.8
Jackson spring pipeline	1
Jackson spring pipeline	.01
Malcom Jolley spring #1	.002
Keyser ditch	3.2
Keyser ditch	9
minimum flow East Canyon Creek	12 cfs
minimum flow East Canyon Creek	4.2
minimum flow East Canyon Creek	2.4
minimum flow Keyser	.0

Upper Canyon Creek

Mings Chenowith Wolverton ditch	4.4
Mings Chen Wolv ditch	.6
Mings Chen Wolv ditch	.033
Mings Chen Wolv ditch	1.5
Mings Chen Wolv ditch	5.2
Mings Chen Wolv ditch	3
Mings Chen Wolv ditch	1

Williams canal	19.8
Williams canal	6
Williams canal	11.2
Williams canal	7
Williams canal	4.3
Williams canal	5.5
plus 4 more we can't see	

Wolverton mesa ditch	1
wolverton mesa ditch	1.4

Rock-n-Pines #2 ditch	2
Ranch house well	.055
Creek Cabin well	.055
Upper ranch well	.055
Rock-n- Pines #1 ditch	7cfs
Rock-n-Pines #1 ditch	3
Rock-n-Pines #1 ditch	4

West Rock-n-Pines hgt	6.4
West Rock-n-Pines hgt	1.2
West Rock-n-Pines hgt	.8
Baxter #3 ditch	1.6
Baxter #3 ditch	.4
Baxter #3 ditch	1.2
Baxter #4 ditch	.5
Baxter #4 ditch	there are 4 we can't read
Baxter #5 ditch	3
Baxter #5	.6
Baxter #5	1.4
Baxter #5	2.4

Top of Canyon Creek Proper

East Canyon Creek spring #2	.004
East Canyon Creek spring #1	.004
Deweese ditch	19.8
Deweese ditch	11.2
Deweese ditch	7.8
Deweese ditch	5.34
Deweese ditch	1.3
Deweese ditch	2.7
Deweese ditch	6.66

Bearwallow Creek

Baxter spring br & wasteW	1.5
Baxter spring br & waste W	.1
Kay's well	.066
Kays well	.022
Double Eagle spring	.01

Brinkley Brown spring	.033
Brinkley Brown spring	.02

Bearwallow Creek west side

Iron spring	.02
Brinkley Brown reservoir spring	.01
Bearwallow spring	.01

Upper Bearwallow Creek east side

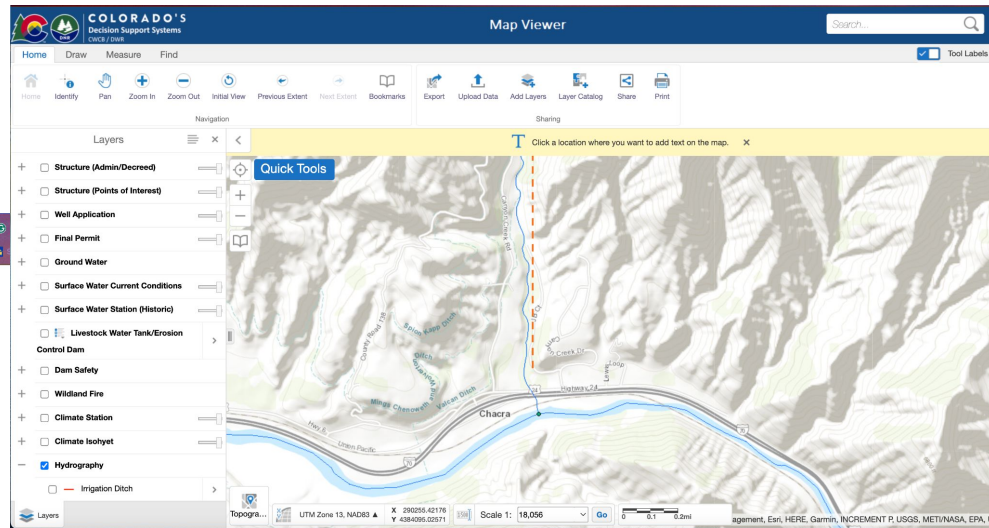
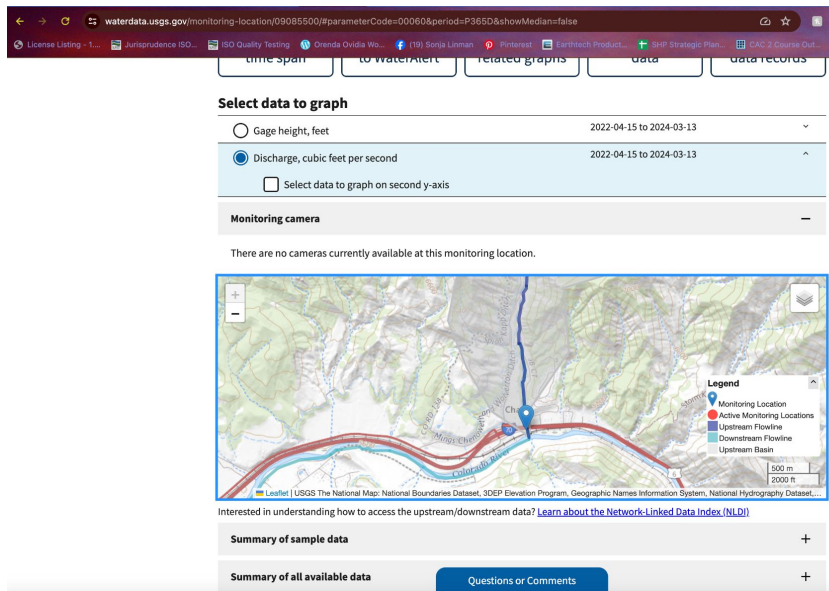
Dali's ditch	1.7
Dali's ditch	1.3
Bearwallow Creek spring	.022

North of Colorado River and west of Canyon Creek

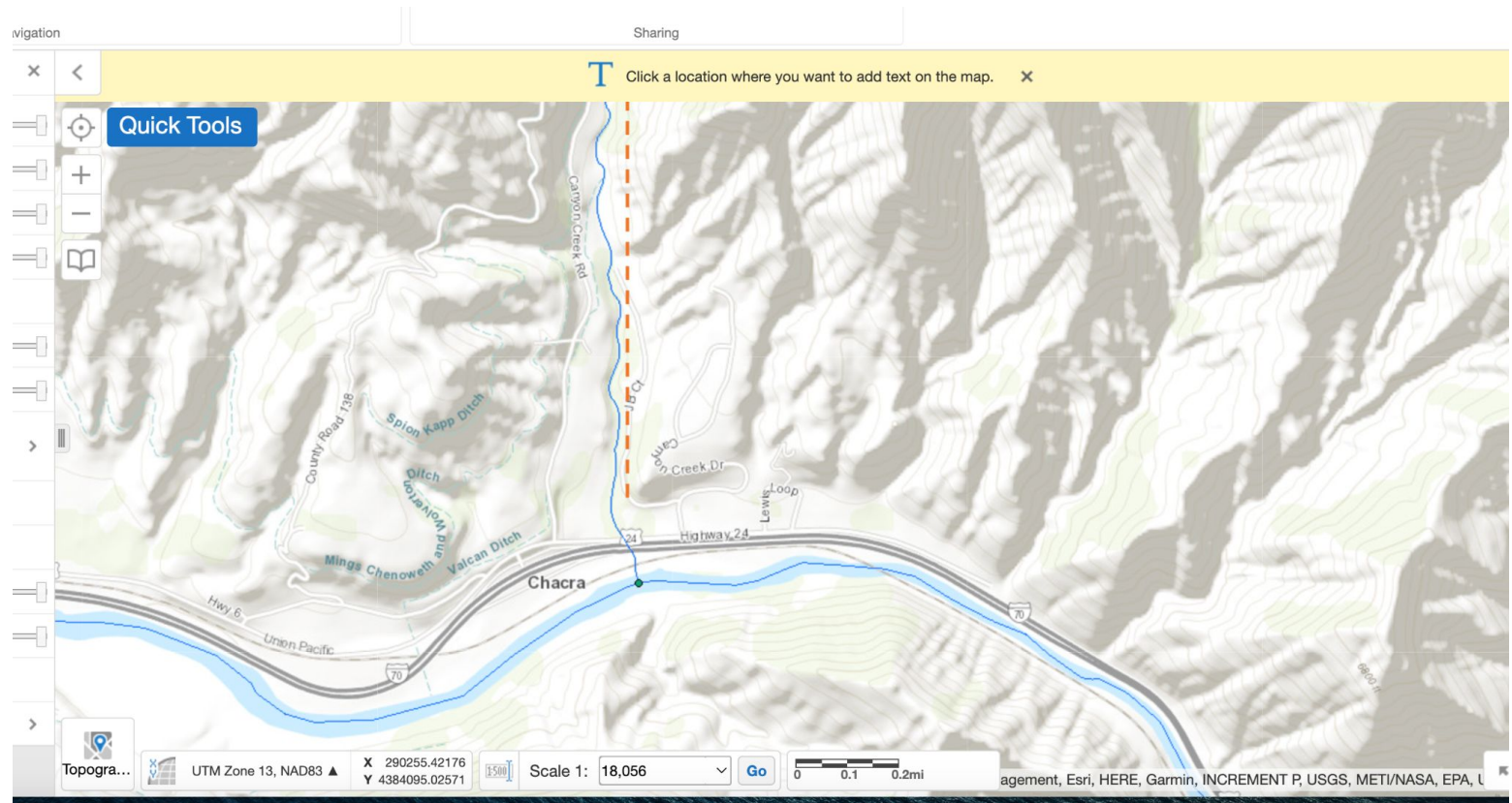
Dairy basement well	.055
Senoir well	.055
Gabossi well	.056
Bowles spring	1
Bowles well	.033
Den well	.286
Den well	.044
Tibbetts house well	.055
Tibbetts stock well	.055
Abbattoir well	.11
Den- orchard well	.11

What Provides Accurate Accounting?

Resources Are Inconsistent- USGS and CDSS/DWR



Note Discrepancies -



If Support Maps Are Incorrect, Decreed V Actual, How Do People Make Decisions?

Nutrient Farm

September 2020

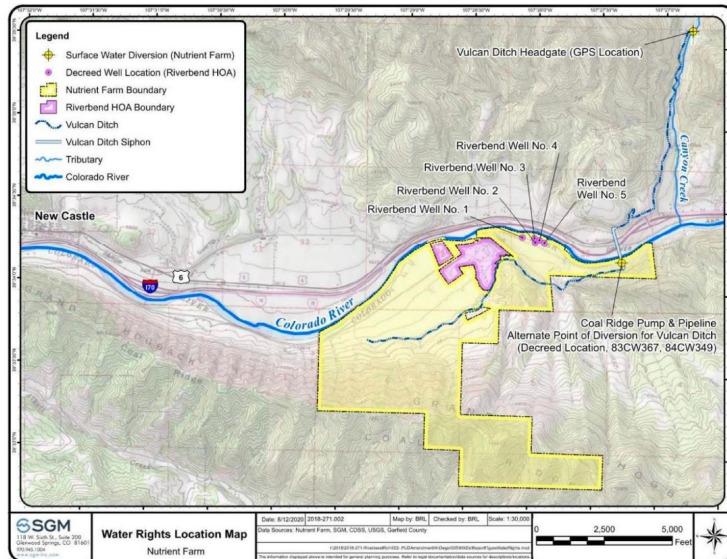


Figure 2-1: Nutrient Farm Water Rights Location Map



Private, Public Partnerships ?

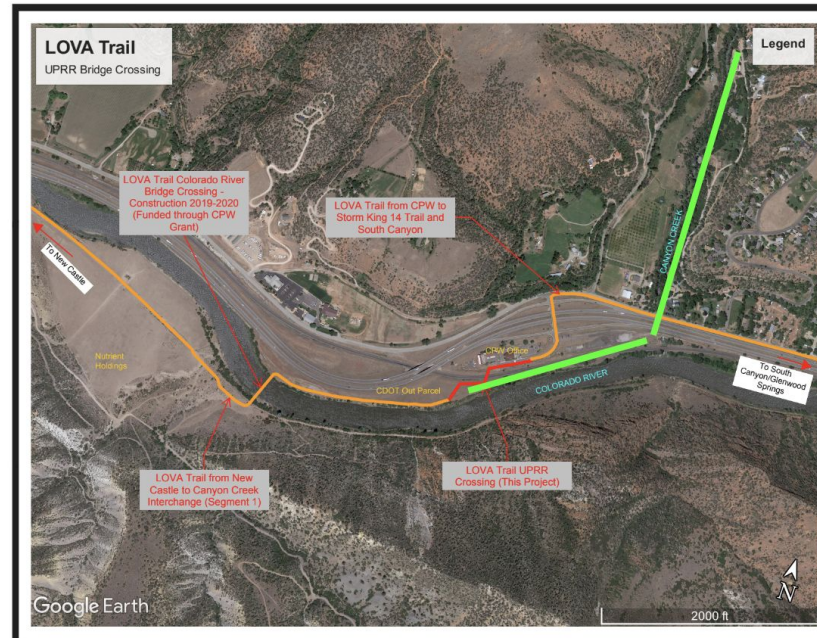
Friends of Canyon Creek Request to LOVA - April 2023

Presentation to
LOVA

Board Of Directors

May 8, 2023

Thank you for your
time.



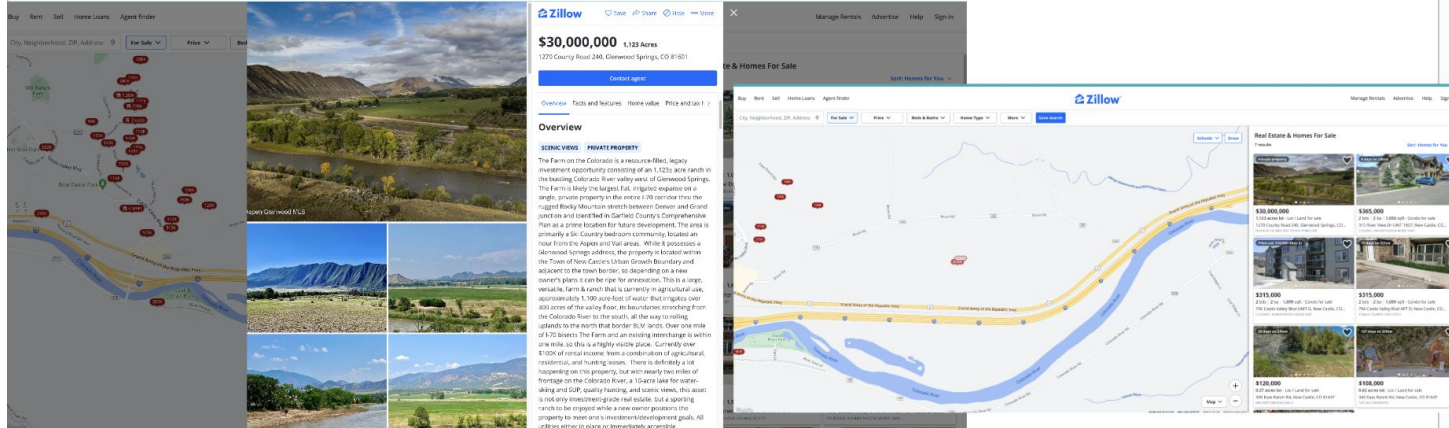
Future Efforts Should Be Slowed and Evaluated Clearly.

Development to Watch.

New Castle - Lakota and 300 proposed additional residential use PUD.

Properties connected to the Mings Chenoweth and Wolverton Ditch

Properties connected to the Spion Kapp Ditch



qPublic.net Garfield County, CO

Log In

Layers Map Search Results Advanced Search Advanced Results Property Record Card Sales Search Sales List Sales Result Home

Layer List Legend

Quick Links:

- Property Search
- View Map

Layers:

- ☒ Parcels
- ☒ Roads
- ☒ Parcel/Account Numbers
- ☒ Highways
- ☒ Owner Name
- ☐ County Subdivisions
- ☐ Address
- ☐ Tax Districts
- ☐ County Zoning
- ☒ Lakes & Rivers
- ☐ Cities
- ☒ County Boundary Line
- ☒ 2019 Aerial Imagery

Restore Layer Defaults

10,000 Foot / Eagle View?

Colorado Compact- 1922 - 2026

Federal and International Interests

Multi-State

Regional

State

County

Municipalities

Private /Public and...

10 Tribe “The Ten Tribes Partnership is a coalition of Upper and Lower Basin Tribes that have come together to claim their seat at the table and raise their voices in the management of the Colorado River as water challenges persist.” UTE /Nuche Included

Efforts Underway Including Mindful Planning and Partnerships

Wildlife and Riparian

Fish Passage

AVLT

IN-Stream Flow

GarCO Land Use Fire Mitigation

Existing Senior Water Rights to the Confluence

It's The Right Thing To Do.

Meetings and Presentations

Friends of Canyon Creek Wellness - Land Owners

Colorado Water Resources- Commissioners

Johnson Wolverton Ditch Company

AVLT

LOVA

Garfield County - Submission Provided for NF PUD

Attorney/Client

Final Words- It's Easy to Forget During Times of Abundance, How Things Are When We are at Risk.



High Water 2017



Algae Bloom- Low Water Summer 2018

Thank you for serving with Wisdom and Deliberate Intention
as you look to the future. Our Children will depend on it.

Q&A

