



Triview Metropolitan District

Northern El Paso County Coalition of Community Organizations

NEPCO Meeting July 22, 2023

Jim McGrady, District Manager Triview Metropolitan District



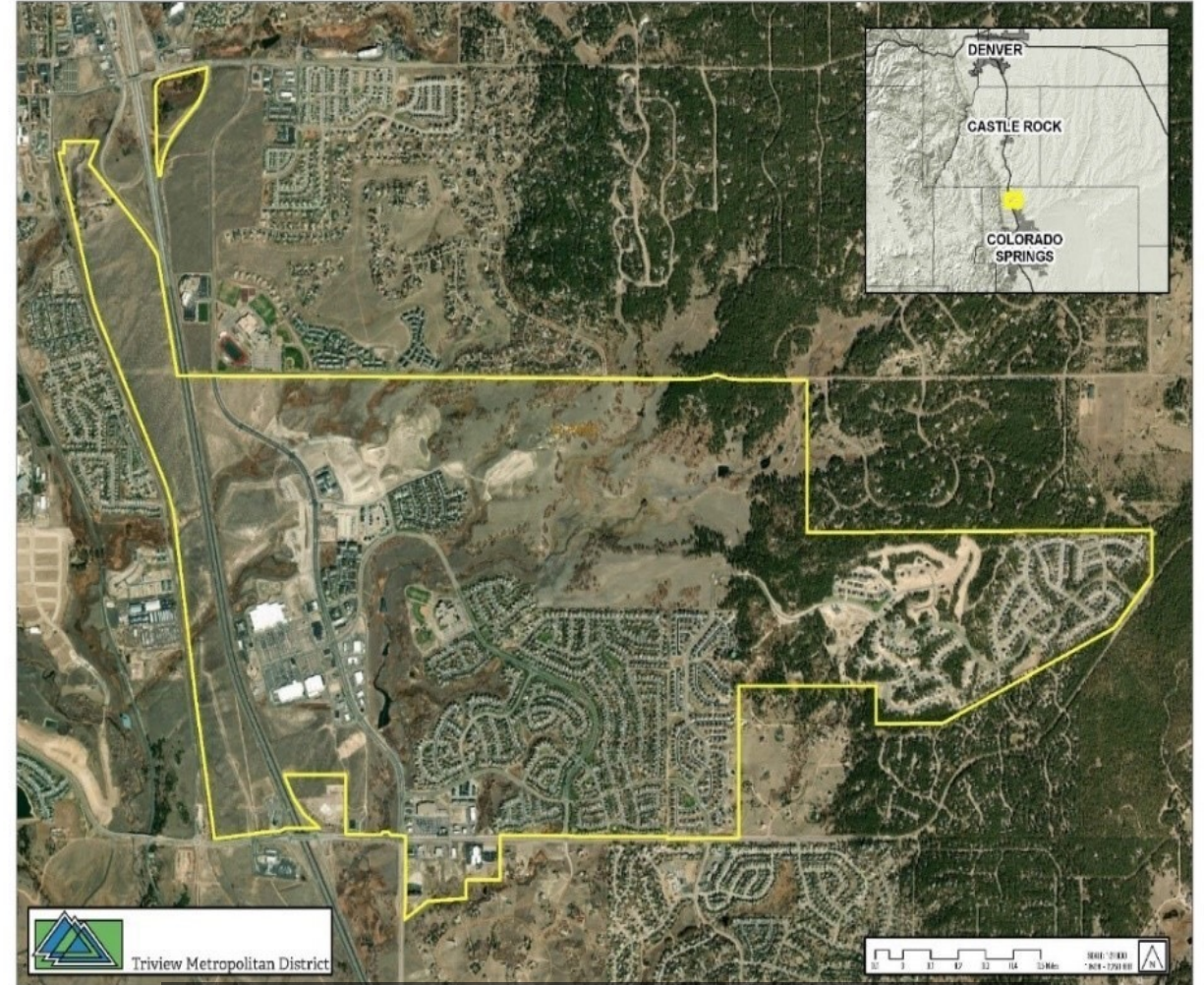
Overview

- What is Triview
- Renewable Water Project and Purpose
- Water Rights and Future Operations
- August 2022 – 1041 Permit (Phase I)
- July 13, 2022 - 1041 (Phase II)
- Benefits to Pueblo County
- Sustainability
- Northern Delivery System update



What is Triview Metropolitan District?

- Title 32 metropolitan district, public entity with elected Board
- Owns and maintains facilities that provide water, wastewater, and stormwater services to a 2,590-acre service area within the Town of Monument, Colorado
- Currently: 2,697 SFE (approximately 2,147 SF homes and 78 commercial + 53 irrigation customers)
- At full build-out: approximately 3,226 single-family homes
- Triview's service area is located entirely within the Arkansas River Basin

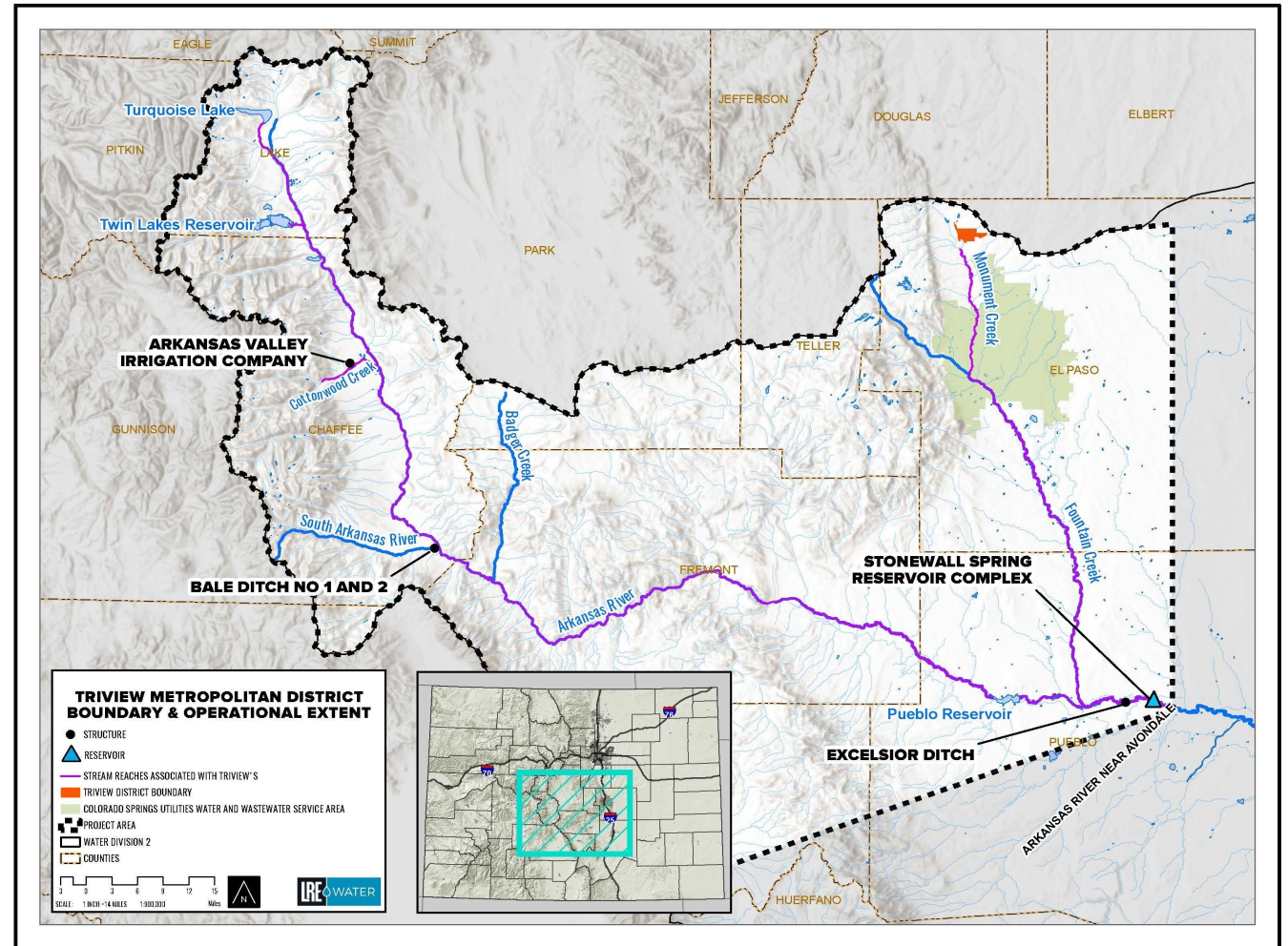


Triview Metropolitan District Boundaries Map (Triview, 2018)



Project Area and Purpose: Sustainability

- Current water supply from nonrenewable deep aquifers in the Denver Basin Formations
- Triview has acquired renewable water sources for long-term sustainability
- Additional storage is needed to manage the variability and to recapture the reusable return flows

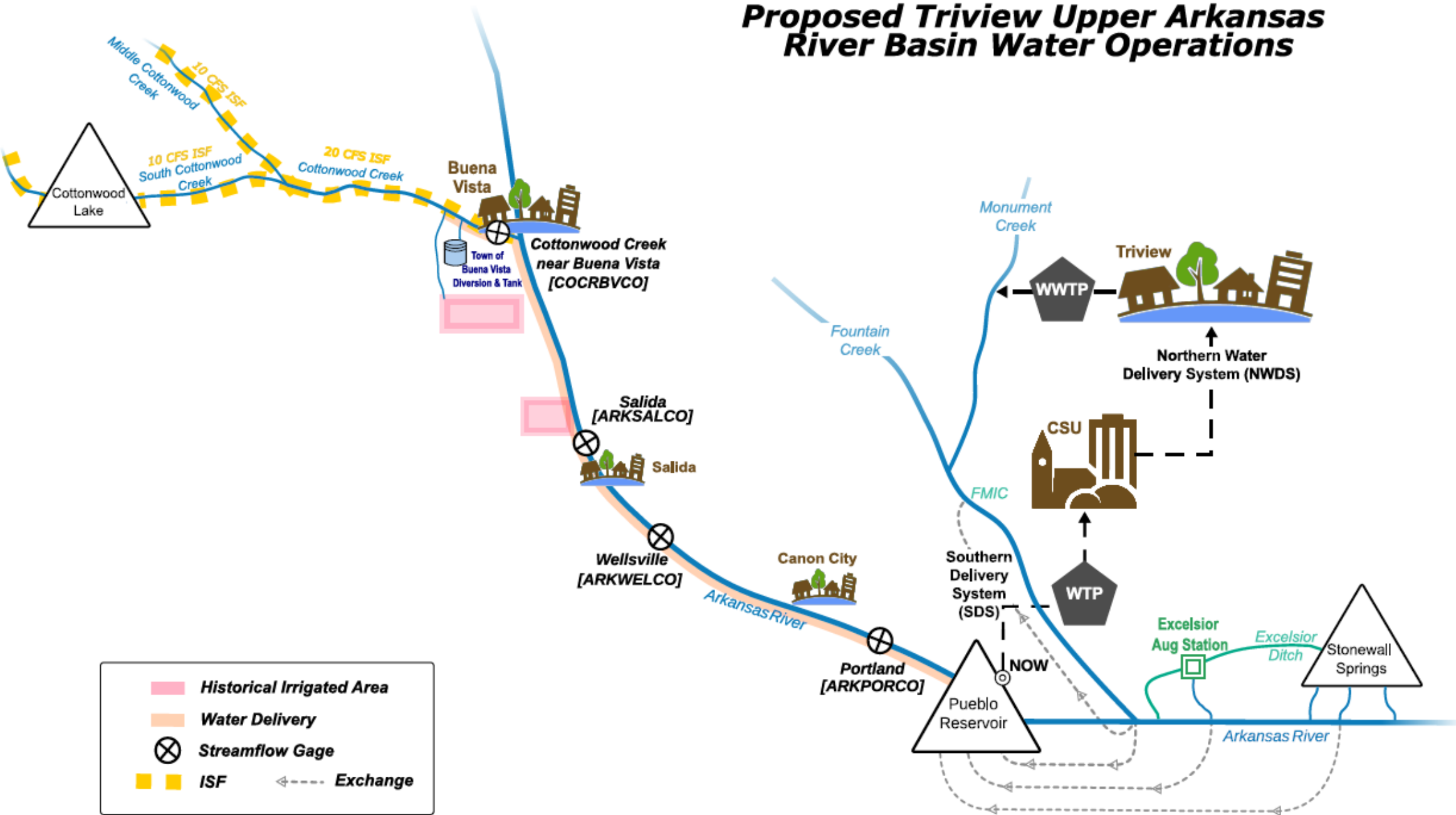


Description of Water Rights and Contracts

- US Bureau of Reclamation “Excess Capacity Contract”
 - Allows storage up to 999 AF in Pueblo Reservoir “if and when space” available for municipal purposes. Executed by USBR Dec. 29, 2021
 - Pueblo County 1041 Permit August 2022 – BOCC Res. No. P&D 22-030
 - Pueblo County 1041 permit July 2023 – BOCC Res. No. P&D 23-03
- Water Rights:
 - Senior irrigation rights above Pueblo Reservoir
 - Senior irrigation rights below Pueblo Reservoir
 - Stonewall Springs Reservoir Complex (SSRC)
 - Senior irrigation water rights on Fountain Creek
 - Reusable effluent accruing to Fountain Creek derived from all of the above sources as well as Denver Basin groundwater supplies
- April 12, 2023 – CTD Contract - Direct flow or exchange delivered to Colorado Springs Utilities (CS-U) Southern Delivery system (SDS) through the North Outlet Works (NOW)



Proposed Triview Upper Arkansas River Basin Water Operations



Triview 1041 Application Operations

- Triview's CU credits from the AVIC and Bale ditches will flow down the Arkansas River into Pueblo Reservoir, where the water will either be conveyed directly to Triview's service area via the SDS or stored using the Excess Capacity Contract. Such operations above Pueblo Reservoir are the subject of a separate 1041 Permit already approved by Pueblo County.
- Triview's reusable effluent in Fountain Creek, as well as Triview's FMIC shares, will flow to the Fountain Creek confluence with the Arkansas River. These flows will be exchanged up the Arkansas River into Pueblo Reservoir, either directly from the confluence or following storage in the SSRC, when exchange opportunity exists and in full compliance with the City of Pueblo's Flow Management Program and the Pueblo recreational in-channel diversion ("RICD").
- Water stored in Pueblo Reservoir is then delivered through SDS to Colorado Springs, treated, and ultimately delivered to Triview Service Area via Triview's own Northern Delivery System ("NDS").
- The SSRC allows Triview a location to store water and water rights that cannot be immediately exchanged into Pueblo Reservoir, whether due to limitations on storage under the Excess Capacity Contract, or other factors, and subsequently exchange such water when the opportunity arises to Pueblo Reservoir, or to release to the river.
- The SSRC will similarly allow other contract users of water to capture flows that might otherwise be lost to the river, facilitating beneficial uses throughout Pueblo County and Southern Colorado, including conservation purposes.

August 2022 – County granted 1041 Permit for Triview operations above and in Pueblo Reservoir

SCOPE:

- Water delivered from above Pueblo Reservoir into Triview's excess storage account for storage of up to 999 AF
- Water so stored then delivered through Southern Delivery System (SDS) and Triview's NDS for municipal use in the Triview service area
- Water discharged by the Pueblo Dam North Outlet Works and delivered through the SDS project to Triview District



PHASE ONE: Approved August 2022

1041 Permit BOCC Res. No. P&D 22-030

Permit Conditions:

- \$285,000 payment to County for Fountain Creek watershed projects for mitigation - DONE
- Annual payments to Fountain Creek District of \$11,500 with 3% increase / year for further mitigation of Fountain Creek impacts - DONE and ONGOING
- Comply with Pueblo Flow Management Program and Pueblo Recreational In-channel Diversion Decree - ONGOING
- Pro rata financial contribution in any regional water quality monitoring or studies undertaken pursuant to SDS Permit -ONGOING
- Pro rata financial contribution to any studies of a flood control dam or dams on Fountain Creek - ONGOING
- Include County requested conditions in SDS Pipeline Contract - DONE
- Demonstrate Stormwater Management program and funding to County - DONE
- Participation if SE Colorado Water Conservancy District, BLM or others develop a reservoir management program - ONGOING
- Annual report – First report for 2022 provided 2/28/23 and ONGOING

PHASE TWO: Approved July 13, 2023

1041 Permit BOCC Res. No. P&D 23-030

- Scope of Triview Activities below Pueblo Reservoir:
 - Exchange of Triview water rights in the Excelsior Irrigating Company, Fountain Mutual Irrigation Company, and other water rights delivered via Fountain Creek between SSRC and Pueblo Reservoir;
 - Storage of this water in Pueblo Reservoir;
 - Operation of appropriate rights of exchange on Fountain Creek;
 - Delivery through the Pueblo Reservoir North Outlet Works and SDS Pipeline and the NDS Project to Triview's municipal service area; and
 - Storage of water in Stonewall Springs Reservoir Complex for exchange and use by Triview and others

Partnership to Avoid Construction

No new diversion or delivery facilities are required in Pueblo County

Store excess capacity account in Pueblo Reservoir

Raw water conveyed through SDS infrastructure

Colorado Springs Utilities contract Apr 12, 2023

Repurposing aggregate mine to water storage



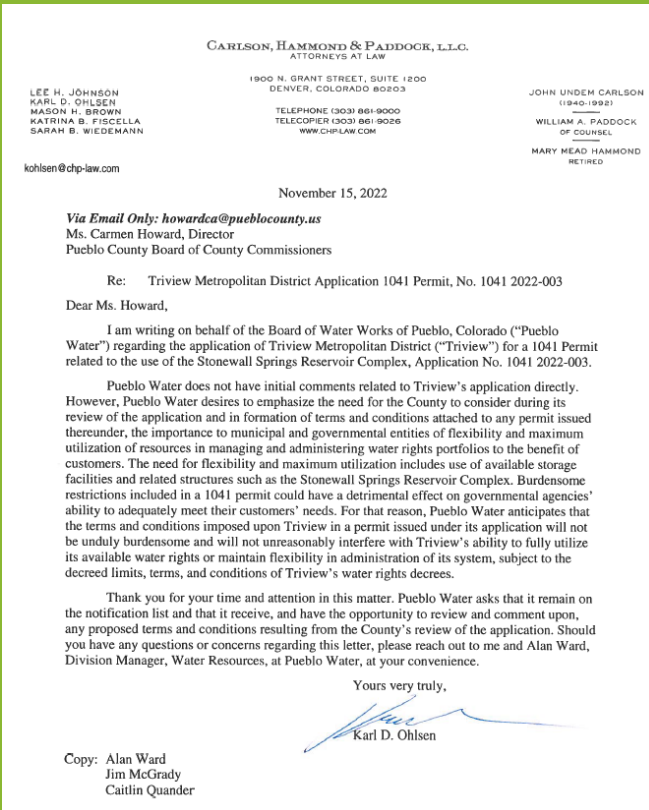
Gravel Pit to Water Storage

- Full Life Cycle of Property
 - Increase in construction and development needs for concrete, need for sand and gravel increases
 - Mining company digs the holes
 - Instead of reclaiming or filling it – can convert to water storage
 - Avoids costs of excavation and, instead, install slurry wall and lining
 - Northern Colorado has been more active in this approach – now bringing concept to Pueblo County
- Triview Stepped into Already-Initiated Water Storage Project
 - Construction of South Reservoir of SSRC started by Stonewall Springs Quarry, LLC in conjunction with Fremont Paving and Redi-Mix, as reclamation for completed mining operation being a lined water storage vessel for agricultural augmentation storage for Arkansas Groundwater Users Association (“AGUA”), predecessor to AGRA. Special Use Permit (SUP) 1999-007; DRMS Permit M-2000-041.
- Gravel Pit to Water Storage for development of Central Reservoir of SSRC. Fremont will remove gravel pursuant to County SUP, reclaim according to DRMS permits, and then Triview will use for municipal water storage when done.



Reclaimed gravel pits on St. Vrain River

Partnerships and Benefits of SSRC



- Agricultural Use – Arkansas Groundwater and Reservoir Company (AGRA) – Letter of Support – “Triview’s partnership aids AGRA in ensuring that agricultural water users in Pueblo County and downstream can secure replacement water necessary to sustain their farming operations.”
- Colorado Water Conservation Board funding for south reservoir because of support for project – Letter of Support – projects such as the applicant’s are “essential for implementation of the Colorado Water Plan, and Triview’s willingness to work with the CWCB, agricultural interests, and other municipal partners is noteworthy and deserving of support.”
- Pueblo Water letter “need for flexibility and maximum utilization includes the use of available storage facilities and related structures such as [SSRC].”
- Colorado Parks and Wildlife potential conservation purposes
- Regional water storage for other southern-Colorado municipal and quasi-municipal entities
- Recreational opportunities
- County water system improvements and stability
- Repurposes aggregate industrial site to water storage



Permitting and Review

NEPA Process as directed by Bureau of Reclamation
resulting in Finding of No Significant Impacts
October 27, 2021 - COMPLETED

US Bureau of Reclamation Long-term Excess
Storage Capacity Contract Issued December 29,
2021 - COMPLETED

Water Court review of all change cases - ONGOING

Colorado Springs Utilities Contract (Convey, Treat,
and Deliver) to utilize the SDS and deliver water to
Northern Delivery System- COMPLETED

State and Division Engineer's Office. Oversight of all
operations. ONGOING

Expertise and Financial Capability

Chapter 17.172.130 (4): The applicant has the necessary expertise and financial capability to develop and operate the Project consistent with all requirements and conditions.

- Triview currently serves a large area of residential and commercial development and owns and operates:
 - 10 Denver Basin wells
 - 2 treated water storage tanks (1.5M gallon and 1.1M gallon)
 - 25 miles of water pipelines
 - 25 miles of sewer pipelines
 - Irrigation systems for 10 neighborhood parks with parkway medians and a trail system
- Triview is well-funded and that funding is protected
 - Sales tax revenue
 - Property tax mills
 - Tap fees

Summary of Triview's 2023 Budget			
Revenue			
General Fund	\$	8,545,452	
Utility Enterprise	\$	6,526,220	
Enterprise Capital Projects	\$	5,348,195	
Total Revenue	\$	20,419,867	
Expenses			
General Fund	\$	5,469,652	
Utility Enterprise	\$	6,218,291	
General Fund Capital Projects	\$	1,629,500	
Enterprise Capital Projects	\$	19,035,781	
Total Expenses	\$	32,353,224	
Ending Fund Balance General Fund 2023			\$ 5,474,916
Ending Fund Balance Utility Enterprise Fund 2023			\$ 6,684,907



Benefits to Pueblo County

Chapter 17.172.130 (24): The benefits accruing to the County and its citizens from the Project outweigh the losses of any natural, agricultural, recreational, grazing, commercial or industrial resources within the County or within areas which impact the County, or the losses of opportunities to develop such resources.

- Project does not cause any losses to County resources.
- Project benefits County by paying various mitigation and other fees:
 - Phase I - \$285,000 already paid to Pueblo County as required by August 2022 1041 Permit for Fountain Creek mitigation impacts
 - Phase II - \$367,000 to be paid to Pueblo County (\$342,000 for Fountain Creek mitigation impacts and \$25,000 for road and bridge projects or to fund resource protection on the Arkansas River)
 - \$11,500 one-time and \$11,500 (+ 3% increase) each year to Fountain Creek Watershed District for Fountain Creek
- Project shows partnership towards sustainability between jurisdictions.



Water Sustainability

- Entire purpose of the Project is to become more sustainable.
 - Reduce Triview's dependency on nonrenewable groundwater.
 - Facilitate conversion to renewable surface water.
 - Triview's transition will result in increased sustainability of Denver Basin groundwater supplies in El Paso County, Colorado.
 - Create additional water storage opportunities for public and private water providers in Pueblo County.
- Triview has implemented various water sustainability measures in its day to day operations and will continue to do so.
- Brings stability to Pueblo area water system and users (catch and restore peaks to hydrological)



Moving to Renewable Water Sources

Purposes and needs for the storage in the SSRC:

- Provide water storage and conveyance capacity to increase water management flexibility within Triview's water supply portfolio and service area
- Reduce Triview's dependency on nonrenewable groundwater
- Facilitate conversion to renewable surface water
- Maximize the use of existing infrastructure, including SDS, to serve Triview's municipal and industrial water supply demands where feasible.

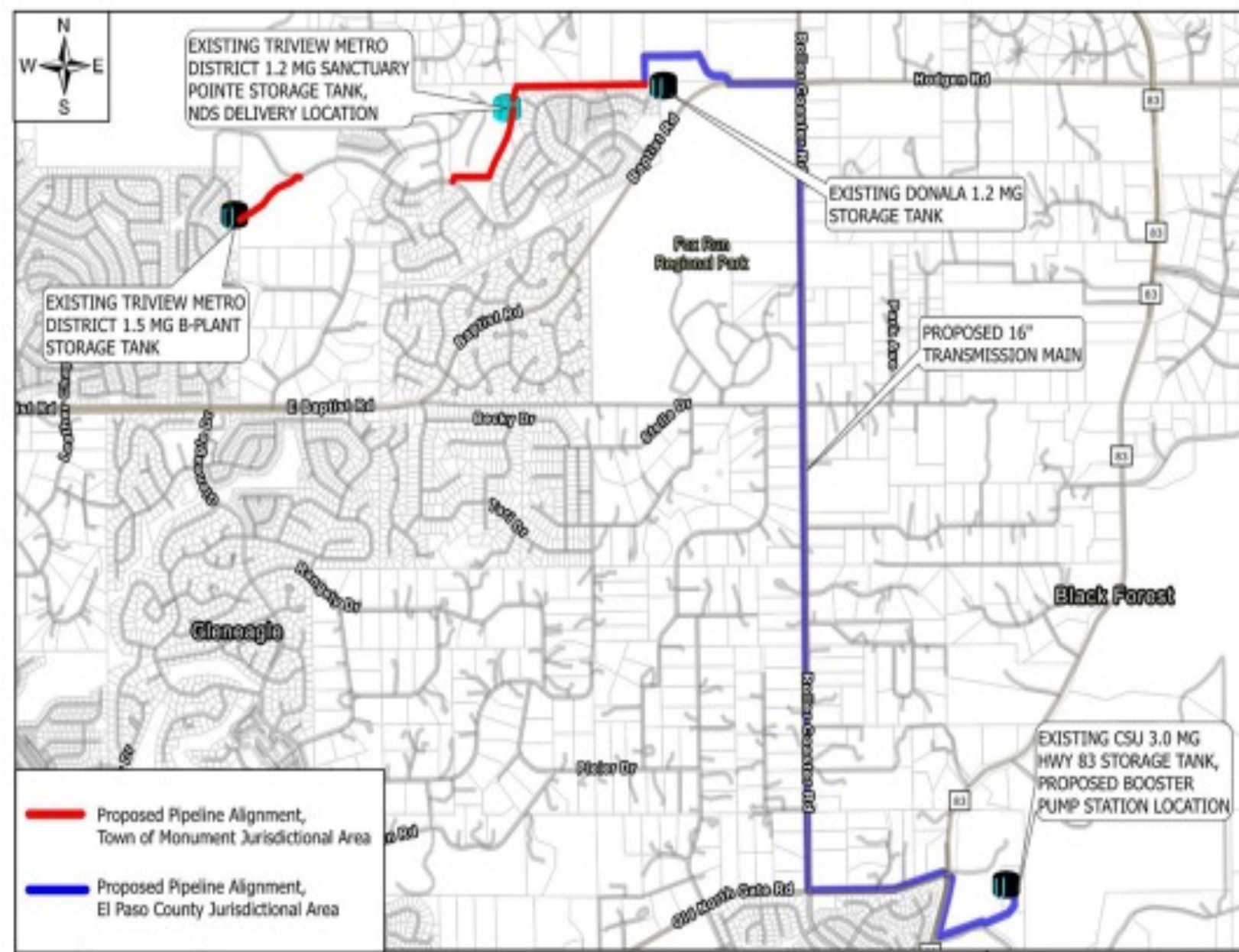
Triview anticipates that it will be substantially built out by 2030.

The Project will only replace currently utilized non-renewable Denver Basin Groundwater with renewable surface water supplies.

Stonewall Springs South Reservoir



PROJECT ROUTING – FINAL ROUTE



Northern Delivery System Construction Status

- Pipeline Construction is complete within the Triview Metropolitan District
- Tie in into Triview's Existing System is Complete
- Work in Baptist Road to begin August 4th - August 16th. Will be a nighttime construction project.
- Work Continues on Roller Coaster. Should be near Stagecoach on July 24, 2023.
- Begin pipeline installation on Dean Stocker Property July 24, 2023.
- Patch back Roller Coaster Road Late July
- Begin Construction South of Stagecoach on August 10th, 2023.
- Complete Pipeline Installation Mid September
- Begin Mill and Final Overlay Of Roller Coaster and Northgate Road Mid September.
- Pump Station Construction August 2023 – July 2024.

Questions/Discussion???

