



Southeastern Colorado Water Conservancy District

Report to the Arkansas River Compact Administration

Wednesday, December 6, 2023



Reclamation building Trunk Line, Pueblo to Lamar.
Federal construction began in March 2023.

District's Enterprise building spur and delivery lines.
Enterprise construction began in October 2023.

Boone and Avondale will be first to connect, by 2026.

Three-party contract completed in March 2022. Pueblo Water will convey filtered water.

Additional \$100 million from federal government, \$221 million to date. Of the total, infrastructure funding is \$160 million. Total cost is \$600 million in 2020 dollars.

Enterprise Funding: \$30 million grant, \$90 million loan from CWCB.

Current plan is to complete the AVC by 2031, rather than 2035, as contemplated in the 2020 Project Management Plan.



AVC Groundbreaking with state, federal officials April 2023



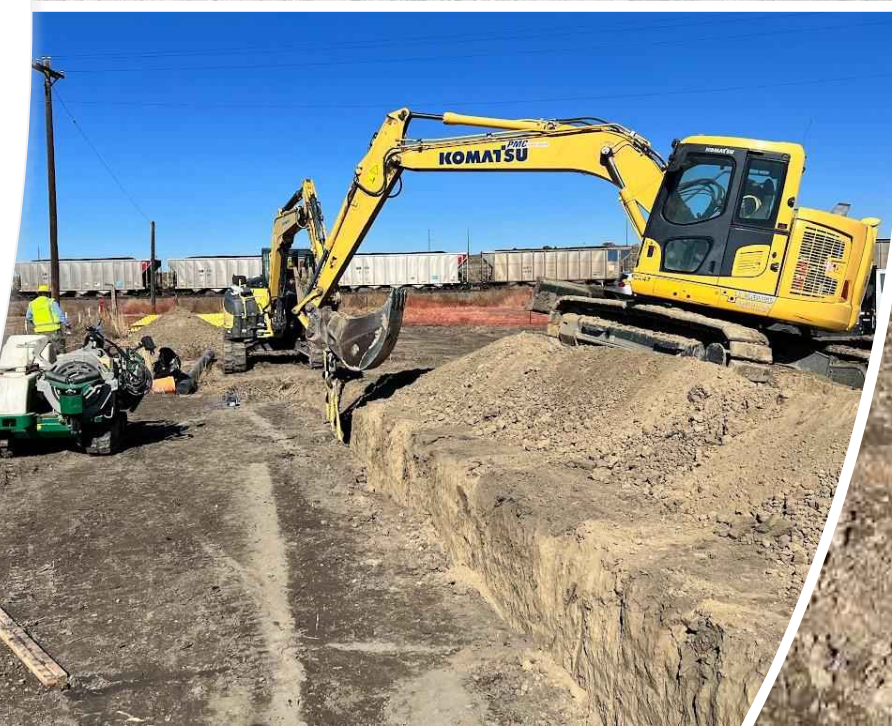
Pipe arriving in March 2023, beginning of Reclamation Trunk Line



Federal Trunk Line
Construction
begins July 2023



District's Enterprise
construction
begins, October
2023



2023 Fry-Ark Imports

A yellow CAT tracked loader is the central focus, positioned in a snowy, wooded area. The machine's tracks are partially covered in snow. In the background, another similar machine is visible, and the surrounding landscape is heavily snowed. The CAT logo is prominently displayed on the side of the machine.

May 1 Projection:
55,400 AF

Actual Imports
63,149 AF

Available for
Allocation
42,282 AF

Return Flows
7,095 AF

Winter Water



Water Stored
November 15, 2022-
March 15, 2023

System Total
85,916 AF
(74%)

Pueblo Reservoir
34,992 AF

John Martin Reservoir
8,341 AF

Slightly less than 2022

Asset Management

A large dam with a spillway, a rocky structure, and a barge on the water. The dam is made of concrete and has a large spillway on the left. A rocky structure is in the middle of the water. A barge is on the water in the foreground. The background shows a grassy hillside under a blue sky with clouds.

Asset Valuation Study:

To determine the value of Fryingpan-Arkansas Project features and District assets.

Completed in 2021.

Condition Assessment:

Initial investigation for Condition Assessment study completed in 2021

Began developing replacement guidelines for District and Enterprise features in 2022 (in house)

Began investigation of Fryingpan-Arkansas Project features.

A white boat is shown from a side-rear perspective, moving across a large body of water. The boat's deck is white, and a black surveying instrument is mounted on a vertical pole. The water is a mix of green and blue, with white foam from the boat's wake. In the background, there are low mountains under a cloudy sky.

Recovery of Storage

Pueblo Reservoir lost about 25,000 AF storage 1975-2023 from sediment.

Rate is accelerating to nearly 1 million cubic yards per year.

In 2022, Reclamation received \$1 million in funding.

Did bathymetric survey, LIDAR survey in 2023.

Studying upstream options.

James W. Broderick Hydropower Plant

The image shows the interior of a hydropower plant. In the foreground, there is a large, blue-painted cylindrical piece of machinery, likely a turbine or generator. To the left, a metal walkway with a railing runs diagonally across the frame. In the background, another similar blue machine is visible, along with various pipes, valves, and red-handled equipment. The lighting is warm and focused on the machinery.

Production rates down in 2023 because of reduced flows throughout the year

Will meet 80% of income projections in 2022

Begin paying back CWCB loan in 2024 (20 years)

Later, revenues will help defray AVC OM&R costs in future years



Excess Capacity Master Contract

Sixth year of operation in 2022; 40-year contract

Allows participants to store water in Pueblo Reservoir

7,585 AF maximum storage in 2023; average storage 3,472 AF

2024 storage will be 7,585 AF maximum

A large concrete dam with a series of diagonal buttresses. In the foreground, a powerhouse structure is visible, with a large turbine discharging a powerful jet of water into a pool. The dam is situated in a rocky, hilly landscape under a clear sky.

Questions?