

# 2025 Annual Water Sustainability Fund Report for Project 5269

## South Platte Supply Canal Restoration and Rehabilitation

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### Project Progress

This is the fifth annual report. The project has been placed into service in 2022. The sediment basin that NPPD built with WSF dollars is working as expected. NPPD diverted ~58,000 acre-feet (AF) over 97 days in 2024.

In March 2024, NPPD completed the sediment basin slope erosion protection, which is working as expected.

During 2024, NPPD hired a dredge contractor to remove the sediment in the basin from previous diversions. Approximately 15,500 cubic yards was removed from the basin. This dredging has provided insights into the specifications of the permanent dredge we will be purchasing.

NPPD estimates that approximately **~8,350 AF was saved in Lake McConaughy in 2024** because of the operation of NPPD's South Platte Supply Canal.

The sediment basin will be available for 2025 operations.

Next steps include

- NPPD anticipates continued operation of the sediment basin and periodic evaluation of sediment conditions from the South Platte River water. This will determine when to begin dredging using a temporary dredge, as well as help to determine the specifications of the permanent dredge expected to be purchased in 2027.
- Project closeout is expected in 2027.

### Project Costs

The majority of the project construction costs were incurred in 2021-2022. The permanent dredge is expected to be purchased in 2027 based on the sediment studies. NPPD received an updated quote on the dredge in 2024 and we are happy to report that this quote was lower than our previous quote. We expect the project to be within the funding budget. The project completion and operation are not in jeopardy.

### Project Benefits

At this time, we anticipate that the benefits in the application will be realized.