

CITY OF RAPID CITY WATER RECLAMATION FACILITY SOUTH PLANT IMPROVEMENTS

APRIL 2025



The importance of the City's Water Reclamation Facility cannot be overstated. This is the City's largest infrastructure project to date and will provide needed services to our community today and in the future.

The current system is being improved and will be more efficient, require less maintenance, and be more reliable for years to come. The project is currently under construction, with an expected completion in 2028. As outlined below in the funding breakdown, the \$207.3 million project is fully funded through State Revolving Fund (SRF) loan funding, the City's enterprise fund, and American Rescue Plan Act (ARPA) grant funding of \$53.9 million.

Moving forward, you can expect to receive project newsletters every four months, along with presentations

at the Public Works and Finance/Legal committees twice a year. These project updates will include previous and upcoming project milestones, including a list of any upcoming City Council actions. Our most recent project updates were presented at the committee meetings on April 29 and 30, 2025.

We also will be showcasing the significance of this infrastructure project to our community through additional outreach and education. We are going to establish a project-specific website, and we will also use the City's social media accounts. Additionally, we will share content through digital displays at public areas including the Monument and the City administration building. More information about public outreach will be available in an upcoming newsletter.



November 2024: The first concrete pour is completed for Aeration Basin 3, which is used to biologically treat sewage. It is scheduled for completion in April 2027.



February 2025: The Dewatering Building mat slab concrete was poured. The Dewatering building processes sludge from the Solids Holding Tank and is scheduled for completion in 2027.

WRF PROJECT PROGRESS*

CONSTRUCTION COMPLETED \$40,845,431

CONSTRUCTION REMAINING \$163,454,569

20%

80%

TOTAL PROJECT \$204,114,555
TOTAL CONSTRUCTION \$183,176,694

*As of April 21, 2025

FUNDING PACKAGE

ENTERPRISE \$18,000,000

GRANT \$52,800,000

LOAN \$136,500,000

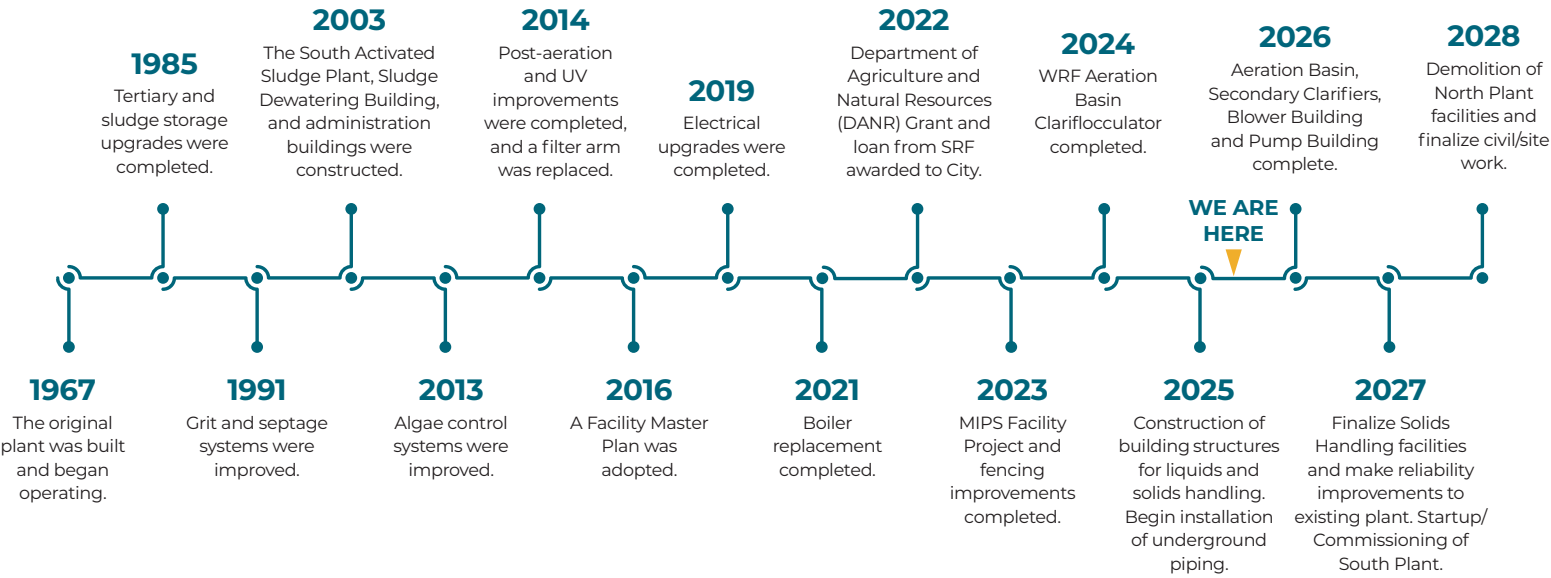
9%

25%

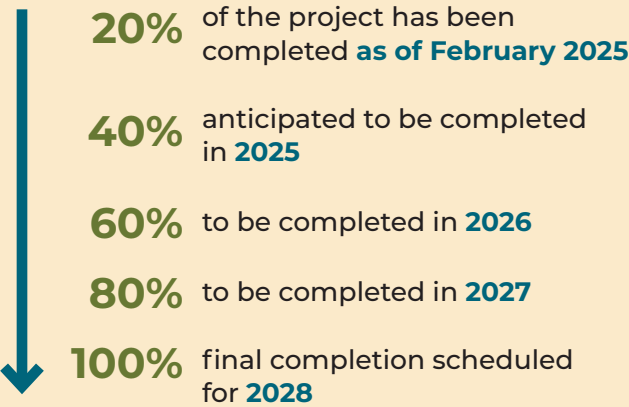
66%

FUNDING TOTAL \$207,300,000

PROJECT SCHEDULE



PROJECT COMPLETION



UPCOMING CITY COUNCIL ACTION ITEMS

TUESDAY MAY 13, 2025

Change order will be shared with Public Works Committee

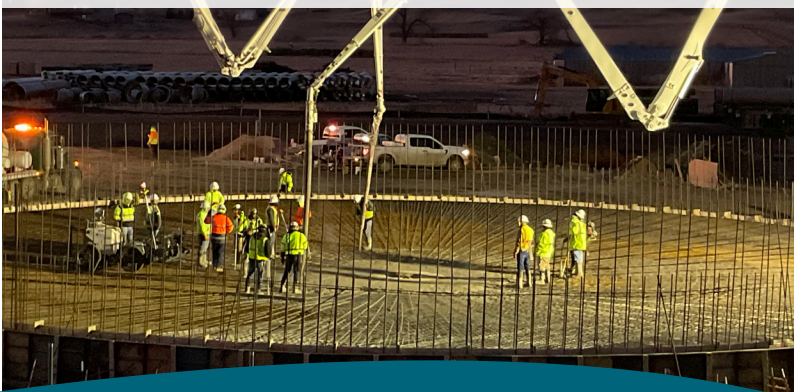
MONDAY, MAY 19, 2025

Change order will be presented at City Council meeting

The construction of the Dewatering Building for the City of Rapid City WRF South Plant Improvements has used 2,025 cubic yards of concrete, which is **over 202 concrete truck loads**. The concrete used for the drilled piers alone is enough to span more than **1.7 miles** if laid end to end.



January 2025: The mat slab is placed for the Solids Holding Tank, which holds sludge before processing. It is scheduled for completion in 2027.



PROJECT QUESTIONS

Any project questions can be sent to **Finance Director, Daniel Ainslie** at **Daniel.Ainslie@rcgov.org**