

CITY OF RAPID CITY WATER RECLAMATION FACILITY SOUTH PLANT IMPROVEMENTS

AUGUST 2025



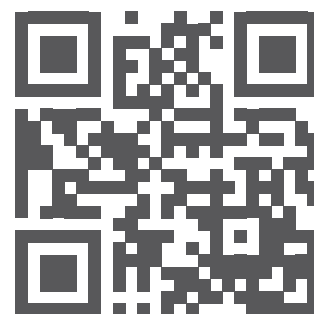
The Rapid City Water Reclamation Facility (WRF) is currently undergoing major upgrades to create a more efficient, lower-maintenance, and highly reliable water reclamation system that will serve our community for years to come. This vital \$204.2 million project is fully funded through an SRF loan, the City's enterprise fund, and \$52.8 million in American Rescue Plan Act (ARPA) grant funding. Since our last update, the project has made significant progress and we're on track for completion in winter 2028.

STAY INFORMED: VISIT OUR NEW PROJECT WEBSITE!

We're excited to announce the launch of our dedicated project website, wrf.rcgov.org! This new site will be your primary resource for comprehensive information and the latest updates on the Rapid City WRF project. You can easily access it by searching the website's URL directly or by scanning the QR code to the right of this paragraph. The website also serves as a central repository for all project newsletters and presentations that are released throughout construction. We hope you enjoy this issue, and we look forward to presenting the project's summer progress in our December newsletter and at the December Public Works and Legal & Finance Committee meetings.

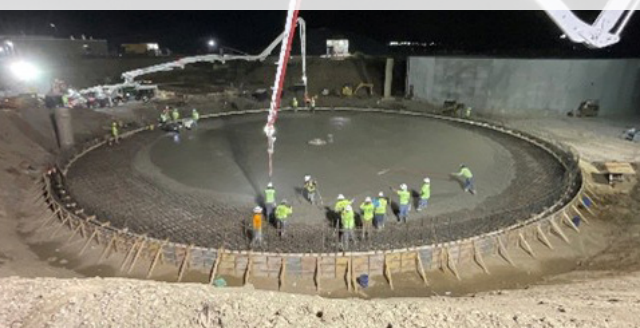
CHECK OUT OUR NEW WEBSITE

for more information and progress updates regarding the Rapid City WRF project!



wrf.rcgov.org

June 2025: The concrete crew placed approximately 880 cubic yards (or 88 trucks worth) of concrete for the floor of the Secondary Clarifier #4. The secondary clarifiers settle suspended solids in the wastewater treatment process and are part of the final step before disinfection of the water.



July 2025: The Dewatering Building precast panels have been erected. The Dewatering Building processes sludge from the Solids Holding Tank and is on track for completion in 2027.



WRF PROJECT PROGRESS*

CONSTRUCTION COMPLETED \$62,733,848

CONSTRUCTION REMAINING \$141,487,297

31%

69%

TOTAL PROJECT \$204,221,145

TOTAL CONSTRUCTION \$183,283,284 - Construction Change Order (CCO1)

*Encumbered as of July 15, 2025

FUNDING PACKAGE

ENTERPRISE \$18,000,000

GRANT \$52,800,000

LOAN \$136,500,000

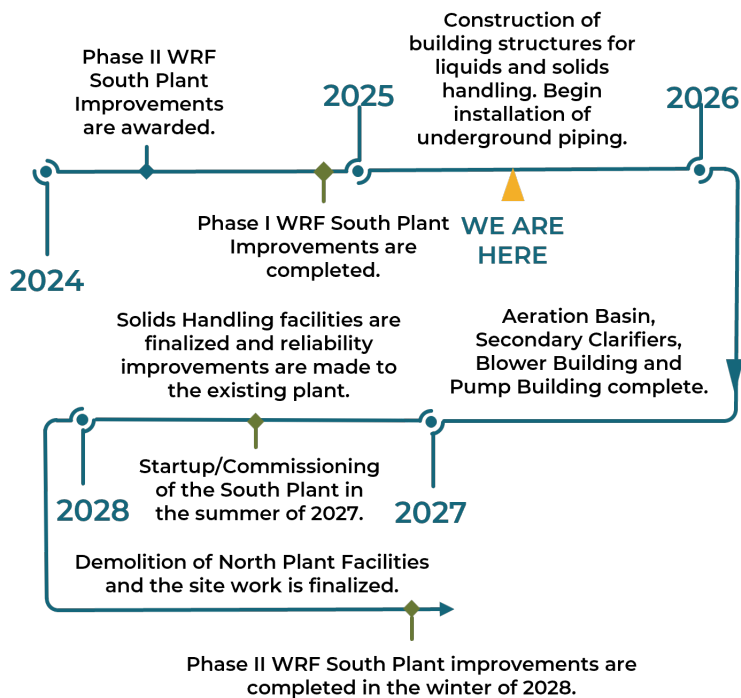
9%

25%

66%

FUNDING TOTAL \$207,300,000

PROJECT SCHEDULE



UPCOMING CITY COUNCIL ACTION ITEMS

SEPT. 9, 2025

Change order is shared with Public Works Committee

SEPT. 15, 2025

Change order is presented at City Council meeting

WRF CONSTRUCTION PROGRESS

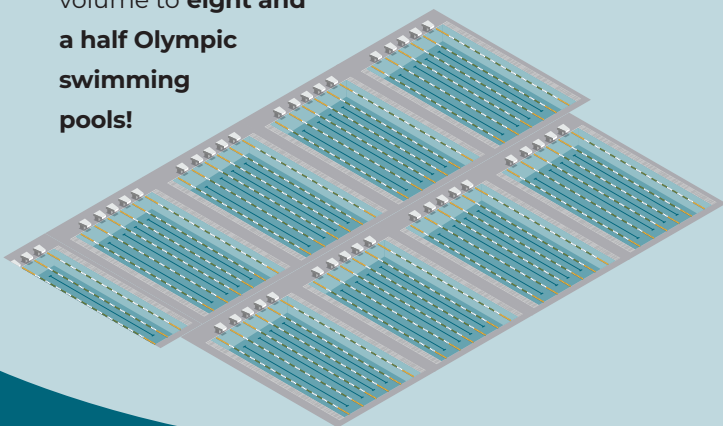
Each pie chart represent the percent complete of the structures under construction.

**Progress Aerial as of July 2025*



We are constructing **one new Aeration Basin** and **three new Clarifiers** capable of holding about **six million gallons** of wastewater.

To put that number into perspective, **six million gallons** is comparable in volume to **eight and a half Olympic swimming pools!**



June 2025: Four screw presses were installed into the Dewatering Building. Screw presses separate solids from the liquid that comes from the Solids Holding Tank for disposal. The remaining liquids are recycled back into the treatment process.

PROJECT QUESTIONS

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