

North System Renewal Project

Downtown Denver skyline seen from Ralston Reservoir.
Photo credit: Denver Water.

ABOUT THE PROJECT

The water we provide to 1.4 million people helps maintain a vibrant city and many of its surrounding suburbs. We are passionate and dedicated to the people we serve and those who live and work near our facilities.

Denver Water's North System brings snowmelt from the mountains through reservoirs, pipelines and a treatment plant to produce clean, great-tasting drinking water. Denver Water is upgrading and modernizing the northern portion of our water system.

Critical updates to our aging water system

Denver Water's North System was constructed in the 1930s, when most of the surrounding area was rural farmland. Now, 80 years later, the North System is reaching the end of its lifespan. The North System's pipelines and valves need to be replaced. The new treatment plant will feature updated technology, and the existing Moffat Treatment Plant will be repurposed into a distribution site.

MAJOR COMPONENTS OF SYSTEM



Northwater Treatment Plant: We are building a new, state-of-the-art water treatment plant next to Ralston Reservoir, north of Golden in Jefferson County. The Northwater Treatment Plant will be capable of treating up to 75 million gallons of water a day and will be equipped with disinfection technology that will provide more flexibility to react to changes in water quality.



Northwater Pipeline: We are installing a 66-inch diameter pipeline, replacing one of the two existing pipelines, running 8.5 miles between Ralston Reservoir and the Moffat Treatment Plant. The new pipeline will transport treated water from the new Northwater Treatment Plant to the Moffat Facility for distribution.



Moffat Facility: This facility will continue to treat water although at a reduced capacity. Water treated at the Northwater Treatment Plant will be sent to the Moffat Facility, via the Northwater Pipeline, where it will be stored and distributed to customers.



Our future system will be more adaptable and resilient

When we have completed building the new water treatment plant, redeveloping our Moffat Treatment Plant, and installing a new pipeline, the system will be more resilient and adaptable to changing demands for water now and into the future.

PROJECT COSTS

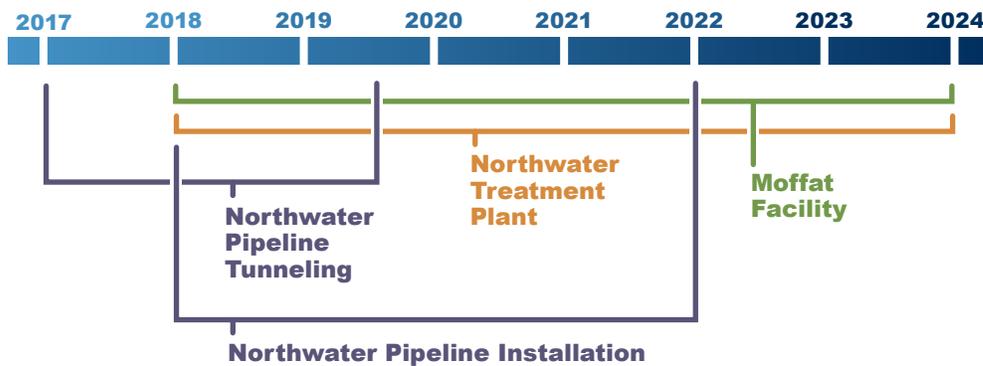


Northwater Treatment Plant + Moffat Facility Upgrades
\$520 million



Northwater Pipeline
\$80 million

TIMELINE



OUR GOOD NEIGHBOR COMMITMENT

Denver Water is committed to maintaining safe worksites, and mitigating noise, dust, traffic and other construction impacts on our neighbors. We aim to reduce delays and inconvenience and communicate well in advance so commuters, residents and neighbors can plan accordingly.

NORTH SYSTEM RENEWAL PROJECT AREA

