



South Platte Reservoir

Reservoir Stores Surface Water

South Platte Reservoir, a project of Centennial Water & Sanitation District, which serves Highlands Ranch, has the capacity to hold more than 6,400 acre-feet of water, and serves as a significant raw water storage site. The reservoir is the newest facility in Centennial Water's conjunctive use system, which relies predominantly on surface water, but combines the use of both surface and ground water supplies.



South Platte Reservoir has the capacity to store 6,400 acre feet of surface water for use by Centennial Water's customers in Highlands Ranch. The reservoir is approximately half full as of early May.

Completed in 2007, South Platte Reservoir will store surface water from Centennial Water's water rights on the South Platte River. The reservoir became operational in February 2008. Spring runoff from this year's snowpack and other water rights will be diverted into the reservoir, which could nearly fill before summer.

Fact: 100 percent of the Highlands Ranch water supply came from surface water in 2007.

Project History & Cost

From the 1950s until 2006, the Kiewit Company used this site for a mining and gravel operation. The mining and gravel operation continued even as construction had begun on the reservoir as Kiewit removed materials from the reservoir site through an agreement with Centennial Water. The embankments for the reservoir's western boundary were built in 2001. In 2002, a transmission pipeline was completed to move water from the reservoir to Centennial's water treatment plant. In 2003, the South Platte Reservoir Pump Station was built. In 2004, construction was initiated on the core of the reservoir. Mining was completed in 2006, and the second phase expansion of the South Platte Reservoir Pump Station was initiated. The reservoir began storing water this spring, and is now approximately 50 percent full. South Platte Reservoir was built by Centennial Water & Sanitation District at a total construction cost of \$25 million.

Location, Location, Location

South Platte Reservoir is located north of C-470, west of Santa Fe Drive and east of Platte Canyon Road. The reservoir is conveniently located near Chatfield Reservoir, and is flanked by key irrigation ditches that serve the reservoir. McLellan Reservoir, and the Joseph B. Blake

Water Treatment Plant, which serves Highlands Ranch water customers, is close to South Platte Reservoir.

Partnerships

Centennial Water & Sanitation District, the City of Littleton, South Suburban Park & Recreation District and the Last Chance and Nevada Ditch Companies partnered to plan this project, which is located in the City of Littleton. The facility's project engineer, Deborah Gallegos, worked with fellow Centennial Water employee, Rick McCloud, as well as employees of Deere & Ault, Tetra Tech and Kiewit Western Company, to make this massive project a reality.



This trackhoe is placing rip rap on the interior of the dam face to help prevent erosion of the banks.

Fact: *The reservoir site was planned and built in concert with the surrounding natural areas. In addition to being a wildlife habitat, this reservoir is a significant addition to the popular South Platte Park system.*

More Information . . .

For more information about South Platte Reservoir or Centennial Water & Sanitation District, please visit www.highlandsranch.org, or call Sherry Eppers at 720-240-4908.

About Centennial Water & Sanitation District

Centennial Water & Sanitation District serves the 91,000 water and wastewater customers in Highlands Ranch. Founded in 1981, Centennial Water operates a number of water facilities throughout the community. In 2007, Centennial Water's supplies were derived fully -- 100 percent -- from surface water sources. Centennial Water is a leader in utilizing innovative water management techniques, including deep aquifer recharge in an Aquifer Storage and Recovery (ASR) operation.

Centennial Water was also the first Colorado water provider to implement a budget-based water billing system, instituted in 2003. The water district encourages water conservation through a comprehensive program promoted to customers, and also collaborates with water providers throughout the region to plan for the wise and efficient acquisition and use of water resources. For more information about Centennial Water, please call 303-791-0430, or visit the Water & Sanitation link at www.highlandsranch.org.

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