



San Juan-Chama
DRINKING WATER PROJECT

Securing Our Future Water Supply

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Nonpotable Surface Reclamation Project Helps Assure Sustainable Water Supply

The North I-25 Nonpotable Surface Water Reclamation Project is an important component of the Albuquerque Bernalillo County Water Utility Authority's Water Resources Management Strategy to move toward ensuring a safe and sustainable water supply.

North I-25 Reclamation Has Two Projects

The North I-25 Reclamation/Reuse System is comprised of two projects: the Industrial Recycling Project and the Nonpotable Surface Water Reclamation Project. These projects promote the sustainable use of lower-quality reclaimed water for appropriate uses.



Nonpotable pump station located near the Rio Grande.

The recycled water sources for the Industrial Recycling Project consist of high-quality wastewater from local semiconductor industries. The reclaimed water source for the Nonpotable Surface Water Reclamation Project consists of some of the Utility's allotment of San Juan-Chama water. This reclaimed surface water is blended with the high-quality industrial wastewater at the Honeywell reservoir and distributed to potential users for industrial reuse and turf irrigation. The reclaimed water is suitable for uses that do not require potable (drinking) water quality.

Pump Station Located Adjacent to Rio Grande

The project includes a subsurface diversion and pump station located adjacent to the Rio Grande. Water from the diversion is pumped through approximately six miles of transmission mains to four storage reservoirs and booster pump stations located throughout the water distribution system. A disinfection system utilizing on-site generation of sodium hypochlorite is located at the diversion and in each of the storage reservoirs. From the storage reservoirs water is distributed by gravity through approximately 16 miles of distribution mains to the system users.

The Nonpotable Surface Water Reclamation Project was completed under nine separate bid/construction contracts. This allowed smaller contractors (with lower bonding capacity) to bid on the contracts, providing more competitive pricing and potentially lower bids. Also, the project was constructed in phases to allow service to be provided to users sooner (before all components were completed). The first construction contract was completed in the spring of 2000. The final construction contract was completed and the entire system became fully operational in the summer of 2005.

Construction Impacts – What to Expect This Month

The following is a list of anticipated impacts on roads this month. For more information, visit www.sjcdrinkingwater.org and click on the **Construction Updates** or **Maps/Traffic Impacts** buttons.

NORTHEAST QUADRANT OF ALBUQUERQUE

► CAGUA DR. NE NORTH AND SOUTH OF MENAUL BLVD. NE

Crews are tunneling under Menaul Blvd. NE at Cagua Dr. NE as part of the Charles Wells Pipeline Project. Cagua Dr. NE is closed for approximately one block north and one block south of Menaul Blvd. NE. This closure is expected to last through November. Motorists can use San Mateo Blvd. NE or Louisiana Blvd. NE as alternate routes.

► CAGUA DR. NE TOWARD PHOENIX AVE. NE

As part of the Charles Wells Pipeline, crews are working on Cagua Dr. NE, heading north toward Phoenix Ave. NE. Work is taking place in three-block segments, with the area under construction closed to through traffic but open to local residences. Access will be maintained to all local businesses and residences. This phase of the project is expected to last through November.

► CANDELARIA RD. NE BETWEEN RAILROAD AND SECOND ST. NW

Crews are laying pipeline on Candelaria from the railroad heading west to Second St. NW through November. Then, they will tunnel under the intersection of Second St. NW and Candelaria, and continue on Second St. south to the Alameda Drain. Eastbound and westbound traffic is being maintained on Candelaria Rd. NE, with at least one lane of traffic open in each direction. This work is expected to last through late December 2006.

► CHAPPELL DR. NE BETWEEN SINGER AVE. NE AND RENAISSANCE BLVD. NE

Construction is continuing on Raw Water Pipeline #2. Chappell Dr. NE has two-way traffic between Singer Ave. NE and Renaissance Blvd. NE. There is a total closure of Chappell Dr. NE between the I-25 Frontage Road and Renaissance Blvd. NE through at least early to mid November. Motorists should expect delays and can use Jefferson Blvd. NE as an alternate route. Crews have installed a new bridge across the North Diversion Channel north of Singer Ave. NE to support the pipeline. This bridge will eventually include a pedestrian/bicycle pathway in its center.

Drinking Water Project Construction at a Glance

COMPLETED	COMPLETION DATE
Don Pipeline-South Segment	Nov. 2005
College Pipeline-Middle Segment	April 2006
Diversion Dam/Fish Intake Structure	April 2006
Westside Pipeline	May 2006
Eastside Pipeline	July 2006
Rio Grande Crossing Pipeline	July 2006
Leyendecker Pipeline	Aug. 2006
NEARLY COMPLETED	ANTICIPATED COMPLETION DATE
Raw Water Pipeline #1	Dec. 2006
Volcano Pipeline-North Segment	Dec. 2006
Coronado Pipeline	Jan. 2007
East Valley Pipeline	Jan. 2007
UNDER CONSTRUCTION NOW	ANTICIPATED COMPLETION
West Valley Pipeline	May 2007
Raw Water Pipeline #2	Aug. 2007
Raw Water Pump Station	Sept. 2007
Charles Wells Pipeline	Sept. 2007
Water Treatment Plant	Summer 2008
CONSTRUCTION TO BEGIN SOON	ANTICIPATED START DATE
Burton Pipeline	Jan. 2007

Construction Impacts (Continued from page 1)

► DEL REY AVE. NE FROM THE NORTHBOUND I-25 FRONTAGE RD. TO SAN PEDRO DR. NE

Crews are laying pipeline on Del Rey Ave. NE from the northbound I-25 Frontage Rd. on the east side of Del Rey, heading east toward San Pedro Dr. NE as part of the Coronado Pipeline. While work is taking place on Del Rey, only **one lane of westbound traffic** is allowed. Motorists should expect delays and can use San Antonio Dr. NE or San Francisco Rd. NE as alternate routes. This phase of construction is expected to last through December.

► EDITH BLVD. NE BETWEEN CARMONY LN. NE AND NIKANDA RD. NE

As part of the East Valley Pipeline, crews are laying pipeline on the east side of Edith Blvd. NE between Carmony Ln. NE and Nikanda Rd. NE. Traffic is shifted to the west side of the roadway, as needed, with one lane of traffic open in each direction. This phase of the project is expected to be completed by early December.

► MCKINNEY DR. NE BETWEEN FOREST HILLS DR. NE AND HARPER DR. NE

Early this month, crews are scheduled to lay pipeline on the east side of McKinney Dr. NE between Forest Hills Dr. NE and Harper Dr. NE as part of the Coronado Pipeline. Crews will work from north to south on the east side of the road and traffic will be shifted to the southbound lanes of McKinney Dr. NE with one lane of traffic open in each direction. When crews cross streets and driveways with the pipeline they will coordinate in advance. Anyone in this area who has special access issues should call **Shannon Harris** at **681-9134**. This work is expected to last through mid December.

► PHOENIX AVE. NE FROM SAN PEDRO DR. NE TO CHAMA ST. NE

As part of the Charles Wells Pipeline, crews are working on Phoenix Ave. NE, moving east from San Pedro Dr. NE toward Chama St. NE. While construction is going on in approximate three-block segments, the area of Phoenix Ave. NE under construction is completely closed to traffic. Motorists can use Claremont Ave. NE or Menaul Blvd. NE as alternate routes. This work is expected to last through late December 2006.

► PHOENIX AVE. NE AND CHAMA ST. NE

Also as part of the Charles Wells Pipeline, the intersection of Phoenix Ave. NE and Chama St. NE is closed. Phoenix Ave. NE is completely closed to Alcazar St. NE. In addition, Chama St. NE is closed for 200 feet north of Menaul Blvd. NE. Traffic on Menaul Blvd. NE is not affected. Motorists can use Claremont Ave. NE, Mesilla St. NE and Menaul Blvd. NE as alternate routes. This work is expected to last through late December 2006.

► SAN PEDRO DR. NE BETWEEN ARVILLA AVE. NE AND PHOENIX AVE. NE

Crews have begun repaving and are laying the last part of the pipeline on the east side of San Pedro Dr. NE, heading south from Arvilla Ave. NE toward Phoenix Ave. NE as part of the Charles Wells Pipeline. Only **one lane of southbound traffic** is allowed on San Pedro Dr. NE during construction, which is expected to last through mid to late November 2006. Northbound motorists can use Louisiana Blvd. NE or San Mateo Blvd. NE as alternate routes.



Photo courtesy ASCG

Crews are digging deep to place underground pipeline as part of the Charles Wells project.

NORTHWEST QUADRANT OF ALBUQUERQUE

► ATRISCO DR. NW AND WESTERN TR. NW

Through late November, crews will be working in this intersection as part of the Volcano Pipeline. There will be a total closure of the southbound lanes of Atrisco with traffic shifted into the northbound lanes and one lane of traffic open in each direction. Motorists should expect delays.

► CAMPBELL RD. NW EAST OF RIO GRANDE BLVD. NW

Crews will wrap up work in this area by early 2007, completing paving and landscape installation as part of the West Valley Pipeline. During working and non-working hours, crews will maintain one driving lane for both directions of traffic.

► CAMPBELL RD. NW BETWEEN RIO GRANDE BLVD. NW AND TRELIS DR. NW

Crews continue to replace an existing sanitary sewer line which was in poor condition. Following replacement of the sewer line, they will continue installation of the 60" pipeline on the north side of Campbell Rd. NW as soon as possible. During working and non-working hours, one lane will be maintained for **eastbound traffic only**. Westbound traffic will be detoured north on Rio Grande Blvd. NW, west on Candelaria Rd. NW, and south on Glenwood Rd. NW. Flaggers will be on hand to control eastbound traffic along Campbell Rd. near the construction zone as needed. Residents should expect delays.

► CAMPBELL RD. NW WEST OF TRELIS DR. NW

Crews continue to replace an existing sanitary sewer line which was in poor condition. Following replacement of the sewer line, they will continue installation of the 60" pipeline on the north side of Campbell Rd. NW as soon as possible. Crews will maintain at least one lane of traffic in each direction west of Trellis Dr. NW or will have flaggers on-site during working hours to direct traffic in one direction at a time. Residents should expect delays.

► RAW WATER PUMP STATION (NORTHWEST CORNER OF ALAMEDA OPEN SPACE)

Construction is continuing on the Raw Water Pump Station. Traffic on Rio Grande Blvd. NW may be occasionally delayed for short amounts of time to allow concrete trucks to enter and exit the construction area. While no other traffic impacts are expected, area residents and visitors to the Alameda Open Space may notice ongoing construction activity.

► UNSER BLVD. NW BETWEEN WESTERN TR. NW AND VULCAN RD. NW

As part of the Volcano Pipeline, crews will continue laying pipeline heading north on Unser Blvd. NW. The northbound left lane will be closed, with traffic shifted to the other lane. This work is expected to last through late November.

► UNSER BLVD. NW BETWEEN DELLYNE AVE. NW AND MONTAÑO RD. NW

Also as part of the Coronado Pipeline, crews will lay pipeline heading north on Unser Blvd. NW between Dellyne Ave. NW and Montañó Rd. NW. This work requires the closure of both northbound lanes, with traffic shifted to the southbound lanes and one lane of traffic open in each direction. Motorists should expect delays and can use Coors Blvd. NW as an alternate route. This portion of the work is expected to last through mid to late November.

Would You Like More Information? Or a Presentation?

If you would like to schedule a presentation on the San Juan-Chama Drinking Water Project for your neighborhood or homeowners association or other organization, please call Patti Watson or Shannon Zamarrón at 293-2000. For more information about the project, visit our website at www.sjcdrikingwater.org. If you would like to be added to our drinking water project information list, call 242-ROAD (242-7623) or e-mail pattiw@cooneywatson.com.

Project Spotlight:

College Pipeline—Middle Segment

The College Pipeline-Middle Segment was constructed from April 2005 through April 2006 and was routed along busy roadways, residential areas and through the Ladera Golf Course. The project included 2.5 miles of 54" and 60" pipeline that began on 98th St., extended east on Old Ouray Rd. and wound through the southern edge of the golf course. This pipeline connects to the Westside Pipeline at Atrisco Rd. It was constructed by RMCI and HDR was the consultant.

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Questions? Call 505.293.2000 or e-mail us at pattiw@cooneywatson.com



THANKSGIVING HOLIDAY

Most or all of the contractors will not be working during the long Thanksgiving weekend, from Nov. 23-26, 2006. We wish you and your family a safe, happy holiday.