

Water *for* a Desert City

The Latest News About Tucson Water's Clearwater Renewable Resource Facility

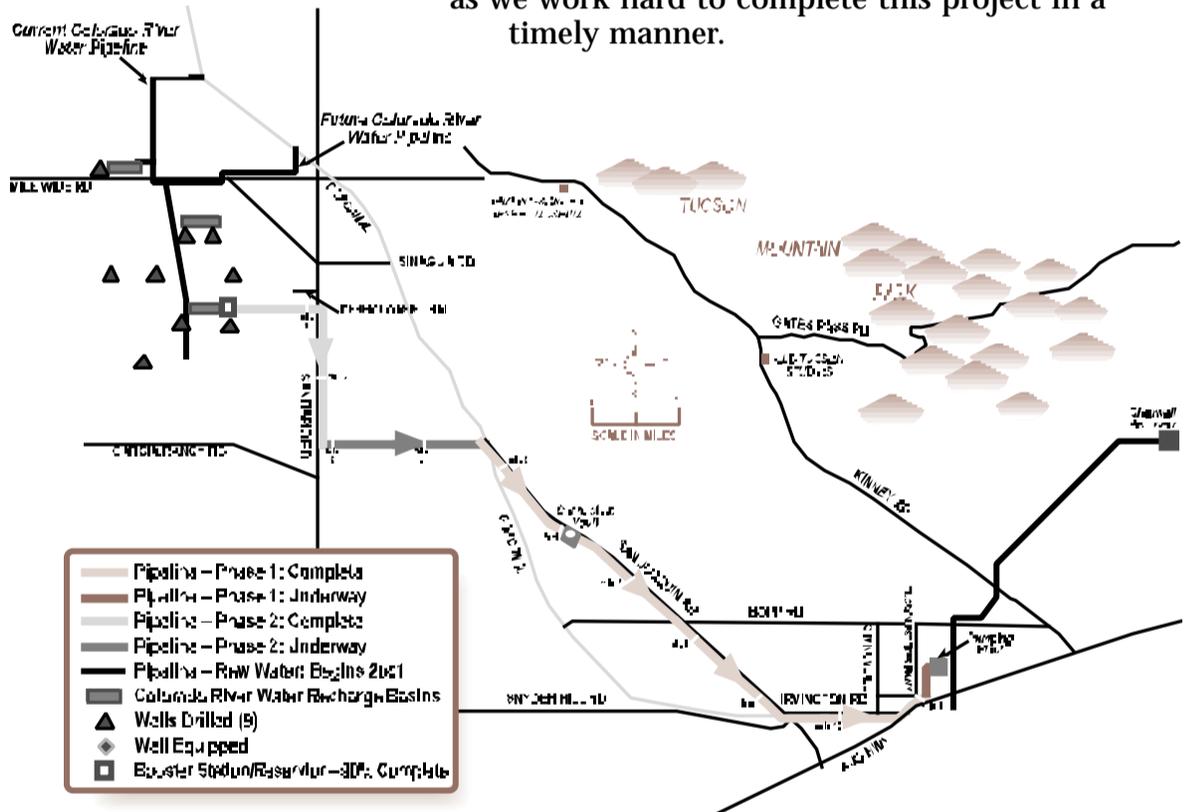
Nov/Dec 2000

Clearwater Pipeline - Phase I Pipeline Link to Hayden-Udall Plant Now Underway

The Clearwater Pipeline construction in Phase I of this project has reached Tucson Water's Hayden-Udall Plant located on the south end of Tucson Estates Parkway. This is the final destination for this section of the pipeline. Most of the remaining construction work will take place along Irvington Road and Tucson Estates Parkway.

However, there are still air release and valve vaults that are in the process of being installed at the pipeline site along San Joaquin Road between Ursa Way and Irvington Road.

Please continue to use caution driving in the area by complying with all traffic control devices and signage placed there for your safety. To avoid injury, children should not be allowed to walk through or play in the construction area. Once again, Tucson Water and Ames Construction sincerely appreciate your patience as we work hard to complete this project in a timely manner.



Clearwater Pipeline - Phase II Final Work in Desert Oasis Neighborhood in Progress

During the month of December and into early next year, construction crews will return to the Desert Oasis neighborhood to complete work on this portion of the pipeline project and restore disturbed areas. Areas affected by the construction will be reseeded with native grasses and landscaped with native trees and plants. Irrigation lines also will be installed.

As this phase of the construction proceeds east of Sandario Road to link with the north end of the Phase I pipeline, Borderland Construction will return portions of Sandario Road to two-way traffic. Some areas will continue to be worked on and experience traffic restrictions. Progress on this phase of the pipeline has been affected by heavy rains, but Borderland is working hard to make up for lost time due to the inclement weather.

Clearwater Information Desk

If you have questions about the construction of the Clearwater Renewable Resource Facility in Avra Valley, please call the Project Hotline - 885-8010.

If you have questions about the new Tucson Water - the blend that will be naturally created at Clearwater, or if you would like to have your name added to the mailing list for this newsletter, please call Tucson Water's Public Information Office - 791-4331.

It takes a team to Beat The Peak. For information about how you can conserve water, call Tucson Water's Water Conservation Office - 791-4556.

Happy Holidays!

Tucson Water Inspectors Oversee Construction of Pipeline

Since construction of the Clearwater Pipeline began earlier this year, a team of Tucson Water professionals and contractors have been working hard to bring quality drinking water to our community in 2001.

Inspectors Ray Lopez and Art Hernandez are two of those professionals in the field on a daily basis overseeing all aspects of construction of the Clearwater pipeline. They bring a combined 26 years of experience to this extremely important project.



Tucson Water Inspectors Ray Lopez (above) and Art Hernandez (left) check on the placement of pipe and equipment along the Clearwater Pipeline Project.



Ray has been working side by side with Ames Construction as they build the Phase I pipeline extending from the north end of San Joaquin Road south to the Hayden-Udall Plant. Art has been overseeing Phase II being built by Borderland Construction from the reservoir and booster station along Desert Oasis Trail, south on Sandario Road, and east to where it will join the Phase I pipeline at the CAP canal. They not only manage difficult situations on the construction job, but also work

with residents in the affected areas to resolve any difficulties that may arise. Both phases of construction have experienced conflicts with the unusually wet weather that nearly brought the job to a stand still earlier this fall, but Ray and Art have handled those situations professionally and efficiently, keeping the project on track.

Clearwater Q & A

How will Tucson Water ensure that the blended water from the Clearwater Facility will be acceptable to their customers?

A critical element of planning for the delivery of blended water was initiated in early 1997 with Tucson Water's Customer Focus on Water Quality Program or At the Tap Program. This program consisted of three elements:

- 1. scientific testing of customer preferences for taste and water quality,*
- 2. evaluation of the impacts of different water qualities on plumbing and home appliances, and*
- 3. corrosion testing on water mains removed from the Tucson Water delivery system.*

In 1999 and 2000, the Ambassador Neighborhoods Program demonstrated the blend of recharged Colorado River water and native groundwater which was found to be acceptable by a majority of customers. Most of the residents in the Ambassador Neighborhoods found the new blended water as good or better than the groundwater they normally receive. Citizens throughout the community also had an opportunity to sample the blended water through Tucson Water's bottled water program.

Because the colored water problems experienced in 1992-94 were made worse by the condition of deteriorating mains, an accelerated program to replace and mortar-line old water mains was initiated in 1994. Today approximately 164 miles of old galvanized steel mains have been replaced, and 43 miles of cast iron mains have been lined.