

Water for a DESERT CITY

THE LATEST NEWS ABOUT THE SECOND CLEARWATER RENEWABLE RESOURCE FACILITY

JUNE 2007

Next Major Step in making Our Region more "Drought-Resistant" Begins in June - Building Water Reliability

Construction of the second Phase of Tucson Water's Clearwater Renewable Resource Facility will begin in June as crews go to work on the pipeline connecting the Central Arizona Project canal to the new recharge site.

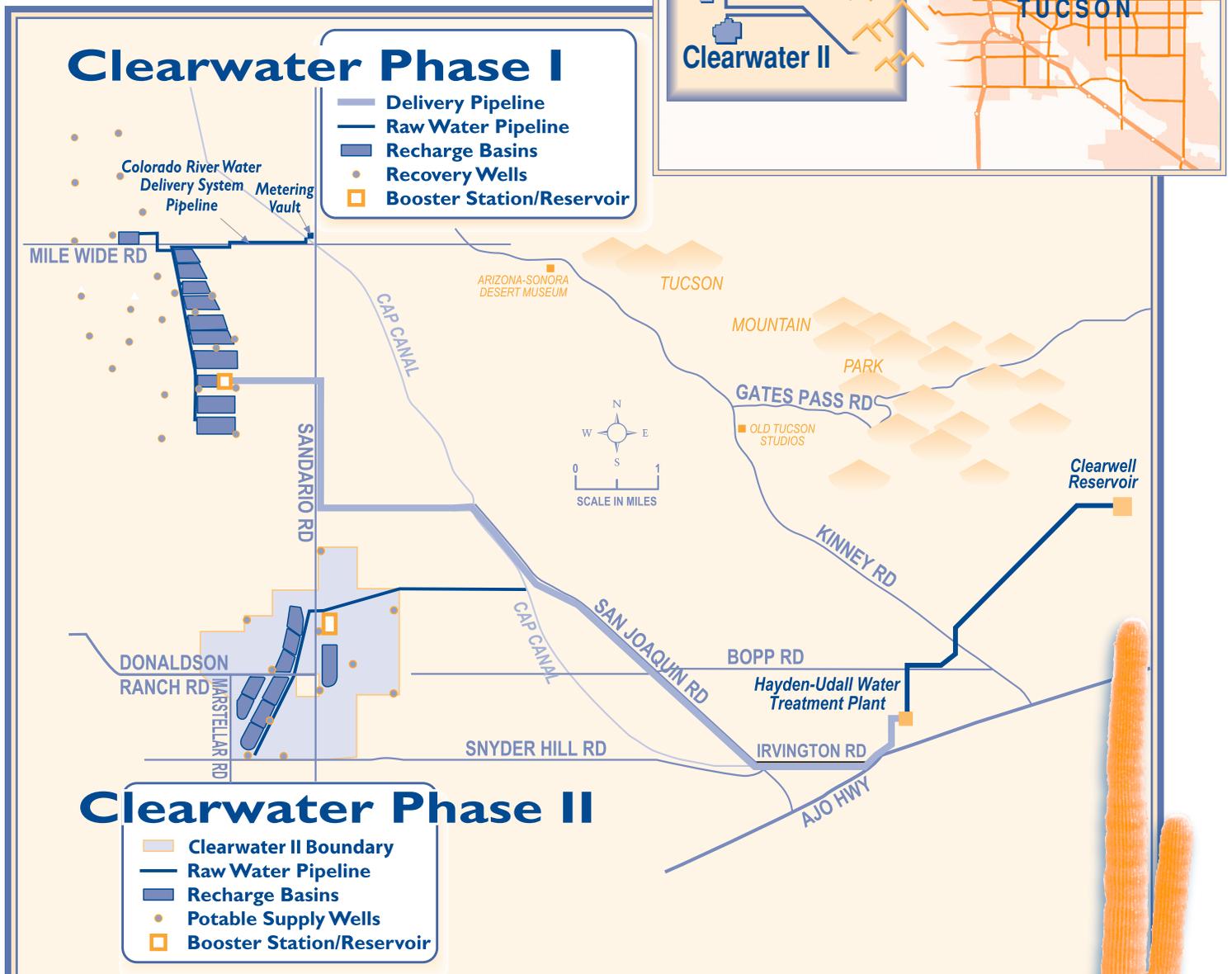
This pipeline, delivering water from the canal to the recharge facility, will be 5.5 miles in length and will carry about 54 million gallons of water a day. Clearwater Phase II will include nine recharge basins, 34 wells, and about 20 miles of pipeline connecting the basins to the water source. The additional infrastructure required for full-scale recovery of the blended water created at the facility, such as a reservoir and booster pumps, will be built in a later construction phase.

The project is being built on City-owned land in Avra Valley, south of Clearwater Phase I. The new recharge basins will work in the same way as those already in operation at the existing Facility. Colorado River water placed in the basins soaks

into the ground and blends naturally with the native groundwater in the water table. This blended water is then pumped out of the ground and delivered to Tucson Water customers. About half of all the water we use today comes from Clearwater Phase I.

Clearwater Phase II will eventually recharge about 60,000 acre-feet (about 20 billion gallons) of Colorado River water each year. That means nearly all the 144,000 acre-feet of Colorado River water allocated each year to Tucson will then be in use. This is an important step toward water reliability for our region.

Tucson Water's Clearwater Project Manager, Ed Lopez, says the entire facility should be complete by the end of 2008, although water will begin recharging in some of the basins earlier that year.





- CONSTRUCTION UPDATE -

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Project Manager Knows Tucson and Water

Ed Lopez, P.E., is an Engineering Manager at Tucson Water where he has worked for nearly 10 years. He will be managing the construction of Clearwater Phase II from its start through to the completion of the recharge basins in late 2008. Ed is a second-generation Tucsonan and was born and grew up in Tucson, so he fully understands how important water is here and that it's the most important natural resource in the desert. He's worked as a civil engineer for almost 20 years and has a long list of completed water projects on his resume including many water transmission main installation and main replacement projects.



In his spare time, Ed is an outdoorsman and a golf and racquetball enthusiast. He also has found time to raise three daughters and knows that the water from the Clearwater project helps provide the drinking water that they and their families and all Tucsonans will need in the future.

Working with Design Team Project Engineers Rogelio Gaxiola and Scott Schladweiler, Ed says that during the construction of Clearwater Phase II, Tucson Water will keep project neighbors up to date on progress of the work and will give you advance notice of any construction that might cause delays to travel on Sandario Road. Watch your mail for periodic updates. You can also use the additional contacts below for more information.

Get Up-to-Date Information about ~

Clearwater Phase II

As construction begins on Clearwater Phase II, Tucson Water is committed to keeping its neighbors and other interested parties informed about progress on the project and any temporary impacts the work may cause.

1. Construction Information Phone Line:
(520) 624-0247

The phone line is answered during regular business hours. You'll receive a recorded message after hours, but you can leave your questions or comments and we'll return your call the next business day.

2. Tucson Water website: www.tucsonaz.gov/water

On our website you'll find additional information about the entire Clearwater program, as well as updates about construction of Phase II.

3. Get on the mailing list

If you are not already receiving this newsletter in the mail, you can be added to the mailing list by emailing your name, email address, or postal address to clearwater@tucsonaz.gov. Let us know whether you would prefer to have the newsletter emailed to you or mailed via post.



Water for a Desert City is produced by Tucson Water to keep our customers informed about this important water resource project. The City of Tucson TTY number is 791-2639; Tucson Water's webpage address is www.tucsonaz.gov/water.

Para recibir esta información en español, sírvase llamar al 791-4331.

