

Colored Water Treatment Facility Improvements Project Update

April 2011 marked a major milestone for the Colored Water Treatment Facility (CWTF) improvements project, with the completion of demolition. The Mesa Consolidated Water District (Mesa Water) Board of Directors inaugurated the CWTF's construction with a ceremonial groundbreaking on April 19.

The demolition involved disassembling and removing above-ground tanks, filter vessels, and underground pipes at the CWTF. Crews also demolished concrete slabs, an exterior wall and portions of a building on the site; and, crews removed six feet of soil to provide a more solid foundation for one of the new structures.



With demolition over and construction underway, neighbors should immediately notice a reduction in truck traffic, as well as less dust and noise. A live webcam of the CWTF improvements project progress is online at www.MesaWater.org/cwtf_webcam.php. The building construction phase should be finished by Fall 2011. A project timeline is listed in this brochure, and more information is available by calling (949) 631-1201.

CWTF Improvements Team Spotlight – Project Design Manager



Smart planning and innovative design are critical to ensuring success for the improved CWTF. Mesa Water has assembled a team of industry-leading experts for this project, including project design manager Adam Zacheis and his associates at Carollo Engineers.






Mr. Zacheis oversees a team of civil, electrical, mechanical, and structural engineers who designed the CWTF improvements based on an extensive review of: 1) the region's hydrologic issues; 2) pilot testing the new membrane technology at the CWTF; and, 3) Mesa Water's goal of increasing groundwater pumping.

Zacheis has over 11 years of experience leading high-profile water engineering projects, including work on the initial CWTF improvements in 2005.

CWTF Improvements Integrate Sustainability

Mesa Water prides itself on being a good environmental steward, and some of the materials removed from the CWTF during demolition will be recycled and reused. For example, more than 1,800 cubic yards of soil and 800 cubic yards of concrete rubble were removed from the site. The soil was sent to a separate disposal site, where it was stockpiled for future use in nurseries or other construction projects; and, the concrete was sent to a local facility to be ground down for future use as base material for road construction. In fact, some of the concrete could be used to repave areas within the new CWTF!

Mesa Water Takes Steps to be a Good Neighbor During the CWTF Improvements Project

-  Site is sprayed regularly with water from on-site hydrant to **reduce dust**
-  Rumble strips **limit dirt** left by project trucks on local roads
-  Construction **parking prohibited** on local streets
-  Construction **hours limited** to between 7:30 a.m. and 5:00 p.m.
-  **Advance notification** provided for Saturday site work

For comments or questions about this project, email Info@MesaWater.org or call (949) 631-1201.

Mesa Water's Colored Water Treatment Facility (CWTF) Improvements Timeline



CWTF improvements will bring Mesa Water closer to 100% local reliability!

Benefits at a Glance - CWTF Improvements

- * Provides a drought-proof local water supply
- * Increases treatment capacity by 50 percent
- * Reduces the need for more expensive imported water
- * Protects our clear water basin from colored water migration
- * Better energy efficiency
- * Creates 20 local jobs
- * Lowers CWTF noise levels
- * Zero sum effect on water rates

CWTF webcam & time lapse video online



www.MesaWater.org/cwtf_webcam.php



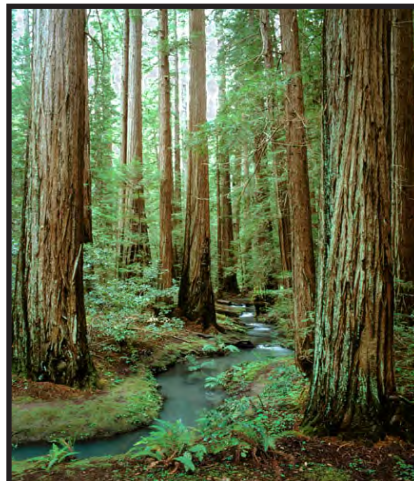
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Dedicated to Satisfying our Community's Water Needs



Model of improved CWTF on display at Mesa Water headquarters

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Mesa Consolidated Water District (Mesa Water)