



As the new groundwater treatment plant is being built next to the Windsor Reservoir, construction activities also will be taking place at four closed municipal water production wells.





Aroyo Well



Well 52



When re-opened, four wells will be used to extract groundwater for treatment at the new Monk Hill Treatment Plant at Windsor Reservoir.

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Windsor Well

Construction at the Wells

Re-opening these wells requires upgrading their infrastructure:

Wells Rehabilitation

This process takes place once construction at the wells is complete. Rehabilitation includes well cleaning and relining where necessary, followed by performance testing.

Start Up Testing

Testing the entire system ensures it operates as it should and that groundwater is cleaned to appropriate state and federal drinking water standards.

- Installing pipes and new electrical components
- Installing new high-efficiency booster pumps near
 Ventura Well

New booster pumps are needed to push the extracted groundwater through the entire treatment system and on to the Windsor Reservoir.

Performance Testing

- conducting pump tests
 treating the extracted groundwater at the new plant and
- discharging the clean water to the Arroyo spreading basins in compliance with Regional Water Quality Control Board surface water discharge requirements.

Full Operation

PWP is required to obtain a permit from the State Department of Public Health prior to distributing the clean water to customers.

ANTICIPATED SCHEDULE

Construction at the wells Spring 2009 ► lasting roughly 4 months Wells rehabilitation Fall 2009 to Summer 2010 Start up testing Summer 2010 Full operation Fall 2010

