

Grassland Area Farmers

Comprised of: Panoche Drainage District, Firebaugh Canal Water District, Pacheco Water District, Charleston Drainage District and Camp 13 Drainage District

NEWS

APRIL 2013

Selenium Pilot Treatment for the Westside

Work is in progress at the Bureau of Reclamation's demonstration treatment plant at Althea and Russell Avenues within the SJRIP reuse area. Contractors are currently setting forms and pouring concrete for the foundation. This work is part of a Bureau funded project to construct the demonstration treatment plant.

The Demo-Plant will occupy a rectangular area approximately four acres in size. Pipelines will be constructed to convey drainage water from the seven existing reuse sumps in the SJRIP reuse area to the Demo-Plant. Drainage water treatments will include reverse osmosis, microfiltration, or ultra filtration, and a proprietary biological treatment system for selenium removal.



Other pilot processes will also be tested adjacent to this site. These processes will include innovative ways to monitor membrane operation and energy saving selenium removal methods using solar condensation.

The progress for construction is on schedule.