

PROGRESS REPORT ON OPEN PROJECTS

September 2008

GRANTEE	DATE APPROVED	GRANT AMOUNT	ENGINEER	OWNER'S REPRESENTATIVE	LAST STAFF SITE VISIT	PROGRESS
Walker Lake	12/10/97	\$1,143,447.00	Farr West	Mark Nixon	Jul-08	<p>One bid was received from Humboldt Drilling for the drilling of the new well. Drilling was completed in July 2008, however, an insignificant amount of water was found and the borehole was abandoned.</p> <p>This project is in the process of closing. The GID is reviewing options for alternative sources.</p>
City of Caliente	3/14/02	\$2,021,314.72	Amec & Sunrise Engineering	April Nelson	May-07	In February 2008, the City Council adopted and implemented a metered water rate. The City has apparently decided not to use funding from the AB198 program for the future well. The remaining funding may be considered for deobligation at the December 2008 Board meeting.
Walker River Irrigation District	3/13/02 1/22/07	\$6,685,163.19	Farr West Lumos RO Anderson Black Eagle	Ken Spooner	Feb-08	<p>The diversion structure, spillway, and levee are complete. Staff made a final walk-through of the new structures with NDWR and CA DSOD in February 2008.</p> <p>The diversion structure gates are currently manually operable. The generator still needs to be installed to run the compressor for automatic gate control.</p> <p>The outlet tunnel investigation is still scheduled for the fall 2008. No further updates have been received.</p>
Kingsbury GID	6/26/02 8/23/06	\$9,505,311.39	Amec	Cameron McKay	Aug-08	<p>All but one section of the pipeline project (Palady Perkins) is now complete. This last section started construction in September 2008.</p> <p>The final project element is Tank 10B. AMEC is redesigning this part of the project and using a concrete tank on the originally planned site above the existing Tank 10A. The District is also considering the possibility of a direct replacement of Tank 10A instead of building above the existing tank. Final design decisions are pending.</p> <p>The District delivered a Water Metering Plan at the Board's request in August 2008. Details for consideration of a letter of intent to proceed with a meter construction project are in reviewed with the District, the SRF, and the AB198 program.</p>
Wells	12/5/02 1/27/05	\$757,375.60 \$1,102,310.09	TRW Engineering	Jolene Supp	Mar-08	The installation of the well, well house, chlorination system, and SCADA are now complete. Design and bid documents are complete for the new tank and water line. The project is out for bid.
Hawthorne PER	12/16/04	\$42,500.00	Farr West	Steve Gustafson		The PER was received in April 2008.

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Washoe Co for Heppner Subdivision	3/31/04	\$1,280,300.00	Washoe County	Joe Stowell	Aug-08	<p>Heppner Waterline Extensions Phase 1-3 and 5a are complete. With the improvements to Lemmon Valley Well #8 are on hold indefinitely, funding from the grant was used to install a new waterline from the tank transmission line at Ohio St to Matterhorn Blvd along Oregon Blvd to allow efficient use of the imported water from Fish Springs Ranch.</p> <p>Construction of the tank and transmission line is nearing completion. These two elements will complete this project.</p>
Churchill County	7/20/04 4/05 8/23/06 11/9/06	\$3,667,667.54	Brown & Caldwell/ V-Point	Milorad Stojicevic	May-08	The Sand Creek treatment system was put on-line in the fall of 2007. Oasis MHP, West Star MHP, and Jetway Chevrolet were connected to the system in 2008. The project is in the process of closing.
Golconda GID	1/27/05	\$956,478.75	Farr West	Becky Trigg	Jun-08	The new storage tank, transmission main, PRV, and all pipeline in town are complete. A last minute design change, requested by the GID, tied the fire well into the system allowing Golconda to have a back-up source of supply. The project is in the process of closing.
Washoe Co for Spanish Springs	1/27/05	\$4,000,000.00	Washoe County	Joe Stowell	May-07	<p>The 1st of a 9-phase sewer project is complete. The entire project is expected to take 20 years.</p> <p>The Phase 1A sewer project is complete and approximately 171 homes have abandoned their septic systems and connected to the new sewer to date. The County is now waiting for federal grant funding to begin installation of the next sewer line phase. The next project phase may begin later this year or early in 2009 pending the resolution of funding issues.</p>
Virgin Valley Water District	1/27/05	\$2,000,137.00	Bowen, Collins & Associates	Mike Winters	Sep-08	<p>The Scenic reservoir construction is complete from Well No. 30 to the distribution system including the tank.</p> <p>The new coagulation-filtration arsenic treatment facilities for the 2 Bunkerville plants were redesigned to include concrete-lined drying beds to handle the sludge from the backwash, and backwash water will now be recycled to the plants. The project is more than 50% complete at both sites and the filtration systems are currently being installed in the new facilities.</p> <p>At the meeting in June 2008, the Board approved an increase in funding for the Bunkerville plants due to the increased project costs associated with the backwash sludge and water.</p>

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Metropolis Irrigation District	1/25/06	\$489,467.40	Dyer Engineering	Vernon Dalton	Jun-07	<p>Engineering design and environmental and cultural assessment for BLM permitting is currently in progress. Soil boring/sampling was conducted in August 2008.</p> <p>The District will request a time extension for the funding agreement at the September 2008 meeting in order to complete design and permitting.</p>
Beatty Arsenic PER	5/3/06	\$51,850.00	Farr West	Ray Williams		<p>Well EW4 is back on line and pilot testing began in March 2008. Two technologies were tested: 1) coagulation/filtration with alum addition as the coagulant and 2) electrochemical flocculation (ARS). ARS involves replacing the alum with large, electrically charged aluminum plates. If it is determined that ARS successfully coagulates and thereby removes the arsenic and fluoride it would eliminate the need for any chemical usage for the treatment of the water.</p> <p>Issues with differing results from two contract labs and field measurements are presenting problems with the pilot testing that must be resolved. In addition, the processes pilot tested may not be completely effective with fluoride.</p> <p>The District will request a time extension to the funding agreement at the September 2008 meeting in order to complete the PER and pilot testing.</p>
Yerington Arsenic PER	5/3/06	\$47,600.00	Farr West	Dan Newell		<p>Pilot testing is complete. Staff sent comments on the draft PER in July 2008.</p> <p>It does not appear that Yerington will seek state grant funding for the construction of arsenic treatment facilities. No further updates have been received.</p>
Pershing Co Water Conservation District	5/3/06 9/20/07	\$3,956,282.50 \$3,663,021.45	Farr West & Dyer Engineering	Bennie Hodges	Aug-08	<p>The new Rogers Dam is complete.</p> <p>The District will continue with the engineering design and permitting of the Thacker Dam. This is the only other element currently approved for funding by the Board.</p>
Pershing Co for the Town of Imlay	8/23/06	\$563,993.96	Farr West	Celeste Hamilton	Aug-08	<p>The tank and transmission line are complete. A final project walk-through was conducted in August 2008. The project is in the process of closing.</p>

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LVVWD for Searchlight	8/23/06	\$2,536,522.34	LVVWD	Dianna Ballash	Aug-07	<p>All four exploratory wells are complete. Two wells were to become production wells while the other two exploratory wells were to become monitoring wells. An approved EA was required by the BLM prior to exploratory drilling and another EA is now required by the BLM for construction of production wells, pipeline, and appurtenances.</p> <p>Issues with ACEC (Areas of Critical Environmental Concern) will preclude well construction of several of the originally planned monitoring wells but should not affect the new production wells. Drilling of the new wells will begin as soon as BLM approval of the EA and ROW is received.</p>
LVVWD for Kyle Canyon – Ph 2 & 3	11/09/06	\$3,202,511.74	LVVWD	Kara Petersen	Sep-08	Construction of upgraded/new mains and services at Echo View and Cathedral Rock began in May 2008 (Harber Co). Due to the short construction seasons, this project will likely take 3 summers to complete.
Topaz Ranch Estates	3/14/07	\$1,471,452.01	TEC	Bill Maher	Aug-08	Engineering design for the new well and pipeline is complete and the project is out for bid.
Lyon Co Utilities for Crystal Clear	9/20/07	\$2,663,635.00	Farr West	Mike Workman	Aug-08	Engineering design is complete and the project was bid in August with Cambell Construction being the apparent low bidder. Construction should begin in September 2008.
Lovelock Meadows Phase II	12/13/07	\$3,000,000.00	Farr West	Kristy Berge	Apr-08	Pump testing of the existing wells in Oreana has shown less desirable results than previously expected. The original well site evaluation is on-going with the possibility of a new site being selected. Information received is currently under review. Project bidding will likely be delayed until late 2008 or Spring 2009.
Moapa Valley	12/13/07	\$4,000,000.00	Bowen Collins	Brad Huza	Sep-08	<p>Construction is well underway on the 2 treatment plants (Arrow Canyon & Baldwin Springs). The filtration system is currently being installed in the Arrow Canyon facility.</p> <p>The pipeline to/from Jones Springs is complete; however, final tie in must wait until later in the year when Jones Springs can be taken off-line.</p> <p>Initial treatment start-up is expected in December 2008.</p>

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Alamo Arsenic Mitigation PER	3/20/08	\$102,216.75	Farr West	James Poulsen	May-08	This PER will include water quality sampling, well testing, and possibly arsenic pilot testing.
Battle Mountain Arsenic Mitigation PER	3/20/08	\$117,000	Shaw Engineering	Hank Blair		The drilling of the exploratory wells was bid in August with only one bid received from Eklund Drilling. Eklund plans to drill in early October and estimates that the project will take approximately 10 days to complete.
Gabbs Phase II PER	6/19/08	\$63,920	Day Engineering	Oz Wichman		<p>The initial PER for the town of Gabbs was completed in April 2008. A new source of supply may be possible and exploratory drilling was recommended prior to pursuing a construction project.</p> <p>The County received a new grant for the proposed exploratory drilling at the June 2008 Board meeting. The project will go out to bid in September with drilling is expected to take place in late October or early November 2008.</p>