

# PROGRESS REPORT ON OPEN PROJECTS

March 2010

GRANTEE	DATE APPROVED	TOTAL GRANT AMOUNT	ENGINEER	OWNER'S REPRESENTATIVE	LAST STAFF SITE VISIT	PROGRESS
Kingsbury GID	6/26/02  Additional grant funds approved on 8/23/06 increasing total grant amount  Extended funding agreement by 2 years on 6/19/08 with no further increase in grant funds	\$9,505,311.39	Amec	Cameron McKay	Nov-09	The pipeline replacement, tank, and meters for Phase 1 are now complete. This project is in the process of closing.
Wells	12/5/02  Additional grant funds approved on 1/27/05 increasing total grant amount	\$1,102,310.09	TRW Engineering	Jolene Supp	Dec-09	The installation of the well, well house, chlorination system, tank and SCADA are complete. The final project element – the transmission line to the new tank was completed in February 2010. This project is in the process of closing.
Washoe Co for Spanish Springs	1/27/05  Extended funding agreement by 5 years on 12/08/09 with no further increase in grant funds	\$4,000,000.00	Washoe County	Joe Stowell	May-07	The 1 <sup>st</sup> of a 9-phase sewer project is complete. The entire project is expected to take 20 years.  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.
Metropolis Irrigation District	1/25/06  Extended funding agreement by 1 year on 9/25/08 with no further increase in grant funds	\$489,467.40	Dyer Engineering	Vernon Dalton	Jun-07	The design for the dam is complete and a construction permit was issued by DWR in January 2010. The District is working on permitting and NEPA (Sec 404, ROW, easements, & other) for construction of the dam and recreational facilities.

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Pershing County Water Conservation District	9/20/07	\$3,663,021.45	Farr West & Dyer Engineering	Bennie Hodges	Aug-09	Permitting of the Pitt Taylor (aka Thacker) Diversion Structure is pending from DWR. Cultural and environmental surveying must be completed prior to construction of this facility. This project is currently in the process of closing.
LVVWD for Searchlight	8/23/06	\$2,536,522.34	LVVWD	Jordan Bunker	Aug-07	<p>All four exploratory wells were completed in the fall of 2007. Two wells were to become production wells while the other two wells were to become monitoring wells. An approved EA was required by the BLM prior to exploratory drilling and another EA was required by the BLM for construction of production wells, pipeline, and appurtenances.</p> <p>Issues with Areas of Critical Environmental Concern precluded construction of several of the originally planned monitoring wells but did not affect the new production wells.</p> <p>WDC began drilling the production wells in Oct 2009. The AB-198 funded production well was drilled and constructed in the fall of 2009. The second, backup, production well, funded by the USACE, did not have the expected or necessary yield. Another backup well will be drilled. The District plans to complete the transmission pipeline and equipping of both new wells in the same construction contract and completion is now estimated by mid 2011.</p>
LVVWD for Kyle Canyon – Ph 2 & 3	11/09/06	\$3,202,511.74	LVVWD	Jordan Bunker	Sep-08	Due to the short construction seasons, this project will take 3 summers to complete. Installation of up-graded/new mains, services, and meters at Echo View and Cathedral Rock were completed in November 2008. Replacement of mains, system appurtenances, and services/meters was completed in Upper Rainbow and Old Town in November 2009. The Lower Rainbow pipeline replacement and services/meter installation will be completed in 2010.
Topaz Ranch Estates	3/14/07	\$1,471,452.01	TEC	Larry Offenstein	Dec-09	Construction began in November 2008 with the drilling of the new well. The pipeline, service connections and well were completed by April 2009. The well house and controls are schedule for completion in the Spring 2010.
Lyon Co Utilities for Crystal Clear	9/20/07	\$2,663,635.00	Farr West	Mike Workman	Oct-09	The project provided a new water supply from the City of Yerington water system. Construction began in November 2008 and substantial completion - with all residents on the new water service and the old water system components abandoned/removed - occurred in October 2009. This project is in the process of closing.

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Lovelock Meadows Phase II	12/13/07	\$3,000,000.00	Farr West	Tom Glab	Feb-10	<p>Drilling of the new backup well in Oreana began at the end of May 2009. The initial drilling was unsuccessful and the driller requested and was granted a variance to the drilling method specified. A second drilling attempt began Aug 17, 2009, and a new well was constructed with no significant problems.</p> <p>The pipeline replacement project (Phase 2) began in Aug 2009 and has proceeded smoothly. The project was substantially complete in February 2010.</p>
Moapa Valley	12/13/07	\$4,000,000.00	Bowen, Collins & Associates	Brad Huza	Apr-09	<p>The Arrow Canyon and Baldwin Springs arsenic treatment facilities are on-line. The District held an open house on April 15, 2009. The project is in the process of closing.</p>
Alamo Arsenic Mitigation PER	3/20/08	\$102,216.75	Farr West	James Poulsen	May-08	<p>This PER will include water quality sampling, well testing, and possible arsenic pilot testing. Packer testing and sampling of the industrial well was completed in October 2008. Alamo received SRF ARRA funding to drill two exploratory wells in an attempt to determine the depth to the carbonate aquifer and potentially encounter a source of drinking water that meets all MCLs. A final PER is expected by March 2009.</p> <p>The District is now under a BSDW Administrative Order to comply with the arsenic rule and has been given a timeline and milestones for completion by March 2011.</p>
Gabbs Phase II PER	6/19/08	\$63,920.00	Day Engineering	Oz Wichman	Oct-08	<p>The initial PER for the town of Gabbs was completed in April 2008. It was hoped that a new source of supply might be possible and exploratory drilling was recommended prior to pursuing a construction project.</p> <p>Two exploratory wells were drilled (airport - Dec 2008; Lodi Valley - July 2009). Water quantity met expectations; however, the water quality testing revealed both arsenic and fluoride exceeding the MCL.</p> <p>At this time, it is uncertain if other possible drilling locations can be found. If not, one possible solution to Gabbs' immediate fluoride issue with Well 8 would be to continue to use their existing Well 1 and pursue a small fluoride treatment facility to treat water from Well 8 (backup well) when necessary. Both Well 1 and Well 8 currently meet the arsenic MCL.</p>

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McGill – Ruth PER	3/04/09	\$34,000.00	Day Engineering	Wayne Cameron	Jun-09	<p>This PER amendment will investigate options to improve the reliability of the water supply to Ruth. In addition to the PER revision, CDBG granted White Pine County funds to do a regional study of water and wastewater in an attempt to better define the current and future needs in Ely, McGill and Ruth and to better pursue cost effective solutions for the area as a whole.</p> <p>Staff reviewed and commented on a draft of the PER in January 2010.</p>
Austin Arsenic Mitigation PER	6/15/09	\$126,650.00	Day Engineering	Louis Lani		<p>This PER will include exploratory drilling to attempt to find a new groundwater source that meets the arsenic MCL and can be used to blend with the existing well for arsenic mitigation.</p> <p>The match funding for the PER was secured late in 2009. Sampling of existing valley wells will commence in the early spring 2010 to determine the best location(s) for exploratory drilling.</p>
Pershing County Water Conservation District (#2)	6/15/09	\$3,810,000.00	Farr West Engineering	Bennie Hodges	Nov-09	<p>The District received grant funding for construction of the new Pitt Taylor (Thacker) Diversion Structure, Pitt Taylor Diversion Canal, the Pitt Taylor Reservoirs, and the plug. The District is pursuing final permitting from the Corps and environmental and cultural assessments for the Corps &amp; SHPO in order to bid/construct the Thacker Diversion structure.</p> <p>Construction was substantially complete on the Pitt Taylor Canal in the fall of 2009. PCWCD did the majority of the work on this 13-mile structure.</p>
Jackpot	7/24/09	\$1,430,000.00	ECO:LOGIC	Lynn Forsberg		<p>This project will combine SRF ARRA funds, grant funds, and USDA ARRA loan funds to drill a back-up well for the community, upgrade the electrical appurtenances for the existing Well 5, abandon Well 2 (high in uranium), install booster pumps at the new well to increase pressure in the northern part of town and install water meters.</p> <p>Bids were opened for the drilling of the new well in January 2010 with Humboldt Drilling being awarded the contract. Drilling is expected to begin by the beginning of March 2010.</p>