

PROGRESS REPORT ON OPEN PROJECTS

September 2009

GRANTEE	DATE APPROVED	TOTAL GRANT AMOUNT	ENGINEER	OWNER'S REPRESENTATIVE	LAST STAFF SITE VISIT	PROGRESS
Walker River Irrigation District	3/13/02 Additional grant funds approved on 1/22/07 increasing total grant amount	\$6,685,163.19	Farr West, Lumos, RO Anderson, Black Eagle	Ken Spooner	Jun-09	The diversion structure, spillway, and levee are complete. Remote control of the gates via the SCADA system is in progress. The outlet tunnel investigation is now complete with no significant deficiencies noted. Staff is reviewing the final project documents and the project is in the process of closing.
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	Sep-09	The final pipeline replacement (Palady Perkins) is now complete. Services and meters for Phase 1 are also complete. The final project element for Phase 1 is Tank 10B. The plans for Tank 10B called for the installation of a pre-stressed concrete tank on property adjacent to the existing Tank 10A. The tank project was bid in the spring 2009 with the project awarded to Aspen Developers Corp and tank sub NATGUN. Construction began in May 2009. The site excavation is complete and the tank foundation has been poured. The walls and dome are being poured off site. The schedule calls for the walls and dome to be placed starting September 8, 2009.
Wells	12/5/02 Additional grant funds approved on 1/27/05 increasing total grant amount	\$1,102,310.09	TRW Engineering	Jolene Supp	Jun-09	The installation of the well, well house, chlorination system, tank and SCADA are complete. The final project element – the transmission line – started construction in Aug 2009.
Washoe Co for Spanish Springs	1/27/05	\$4,000,000.00	Washoe County	Joe Stowell	May-07	The 1 st 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. The next project phase may begin in 2009 pending the resolution of funding issues.

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Virgin Valley Water District	1/27/05 Additional grant funds approved on 6/19/08 increasing total grant amount	\$3,284,177.16	Bowen, Collins & Associates	Mike Winters	Jul-09	The new coagulation-filtration arsenic treatment facilities for the 2 Bunkerville sites are complete. This project is in the process of closing.
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-09	Dyer Engineering delivered the design and bid documents for the dam in May 2009. Permitting by DWR is pending. ROW from BLM and/or FERC is still necessary to construct the dam.
Beatty Arsenic PER	5/3/06 Extended funding agreement by 1 year on 9/25/08 with no further increase in grant funds	\$51,850.00	Farr West	Ray Williams	Dec-08	Two technologies were pilot 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. Updates to the PER are pending. An arsenic treatment facility will be funded with federal stimulus money. Fluoride mitigation will continue to be achieved through a blending process.
Pershing Co 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 Dam and Diversion Structure is pending from DWR. This project is currently in the process of closing.
LVVWD for Searchlight	8/23/06	\$2,536,522.34	LVVWD	Jordan Bunker	Aug-07	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 was required by the BLM for construction of production wells, pipeline, and appurtenances. Issues with Areas of Critical Environmental Concern precluded construction of several of the originally planned monitoring wells but will not affect the new production wells. Bids were opened for the drilling project in June 2009 and drilling began in Aug 2009.

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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 upgraded/new mains, services, and meters at Echo View and Cathedral Rock were completed in November 2008. Replacement of mains and services and installation of meters is underway and will be completed in Upper Rainbow and Old Town in 2009.
Topaz Ranch Estates	3/14/07	\$1,471,452.01	TEC	Larry Offenstein	Jul-09	Construction began in November 2008 with the drilling of the new well. The pipeline, service connections and well were completed in April 2009. The well house and controls are nearing completion; however, running permanent power to the well is pending the resolution of NV Energy's easement issues in the GID. For project completion purposes, the new well will be tested with the new backup generator.
Lyon Co Utilities for Crystal Clear	9/20/07	\$2,663,635.00	Farr West	Mike Workman	May-09	<p>The project interties Crystal Clear to the Yerington water system. Construction began in November 2008. Issues with undisclosed Verizon phone lines in the right-of-way planned for the new transmission main required significant effort from the contractor and some redesign.</p> <p>The mains and services in the development are complete as are the new storage tank, booster pumps and transmission main from the Yerington water system. Issues with the design of the booster pump motors delayed charging of the system to the service areas and tank. Further delays have been experience due to failures in the water quality testing and pressure testing of the new lines. Project completion appears to be delayed by two months.</p>
Lovelock Meadows Phase II	12/13/07	\$3,000,000.00	Farr West	Tom Glab	Aug-09	<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 in Aug 17, 2009, and a new well was constructed with no unexpected problems.</p> <p>The pipeline replacement project began in Aug 2009.</p>
Moapa Valley	12/13/07	\$4,000,000.00	Bowen, Collins & Associates	Brad Huza	Apr-09	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 close out.

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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. 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.
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>It appears that Gabbs may continue to use their existing wells and pursue a small fluoride treatment facility to treat water from Well 8 (backup well) when necessary if another source cannot be located. Both Well 1 and Well 8 currently meet the arsenic MCL.</p>
McGill – Ruth PER	3/04/09	\$34,000.00	Day Engineering	Wayne Cameron	Jun-09	This PER amendment will investigate options to improve the reliability of the water supply to Ruth. In addition to the PER revision, the 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.
Austin Arsenic Mitigation PER	6/15/09	\$126,650.00	Day Engineering	Louis Lani		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.
Pershing County Water Conservation District - #2	6/15/09	\$3,810,000.00	Farr West Engineering	Bennie Hodges	Aug-09	The District received grant funding for construction of the new Pitt Taylor Dam and 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 assessment for SHPO in order to bid the Thacker Dam construction.
Jackpot	7/24/09	\$1,430,000.00	ECO:LOGIC	Lynn Forsberg		This project will combine SRF ARRA funds, grant funds, and USDA ARRA loan funds to drill a back-up well for the community. The project will also 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.