

**Utilities Department Monthly Report
August 2011**

MONTHLY REPORTING

Utilities Administration Division

- Monitoring budgets for all divisions within the Utilities Department as well as assisting in monitoring of the expenditures, submissions of requisitions and payment requests for the numerous special projects within the divisions.
- Monitoring all daily deposits and training of cashiers.
- Checking all service material in stock and developing a safety equipment inventory listing and determining quantities we need to keep on hand.
- Preparing all contract renewal addendums and requests for proof of City business licenses and liability insurance from all contractors for all Utilities divisions.
- Preparing draw down request for special projects.

Utilities Services Division

Customer Service Section

- Making sure customer's catch up on winter bills.
- Verifying accounts for sanitation.

Meter Reader Section

- Re-reads 788
- Line Locates 157
- Work Orders 349
- Read in/out 45
- Cut out-non pay 94
- Stopped Meters 0
- Auto read all new meters, need to cut holes in meter lids only.
- Recovered tools at 610 Rio Arriba and Montezuma Rt.
- Unit 114 was involved in minor accident on state hospital property. Police and safety officer were notified.

Water Meter Size	Total Number of Meters	Total Meter Exchanges	Total Remaining Old Meters	Total Meters Changed This Month
5/8 inch	No Count			0
5/8 x 3/4 inch	5157	4664	493	0
1 inch	143	103	101	0
1 1/2 inch	No Count			0
2 inch	189	111	109	0
3 inch	6		0	0
4 inch	10		10	Meters on Order
6 inch	2		2	0

Gas Division

- Installed new gas service at 160 El Llano Road.
- Replaced gas meter for the village of Wagon Mound.
- Installed new gas service at 366 Luna Drive.
- Installed 200ft. of PE gas line on Lopez St. as part of PVC line replacement project.
- Layed 1600 ft. of hot mix on Palo Verde St. due to gas line relocation.
- Layed 50 ft. of hot mix at LCC due to line extension.
- Relocated gas services at 594 and 596 Mullins Dr.
- Layed 600 ft. of hot mix on Church St. due to gas line replacement.
- Fixed gas leak on Hwy. 65 due to a 2” PE gas line being hit.
- Back filled trench on Moreno St. with milling for bike run.

Solid Waste Division

Accomplishments

Challenges

Water Division

Water Conservation Section

Water Conservation Programs	Inventory	Distributed For month	Distributed Year to Date
Low Flow kits	312	332	1274
Rain Barrels	242	15	208
High Efficiency Toilets Rebates		0	77
High Efficiency Toilet	9	0	11
Home Audit Kits	500	16	484

- Changed to Stage IV Water Restrictions April 8, 2011.
- 22 water audits were conducted at all City facilities.
- 14 sink aerators distributed to the Police Department.
- Delivered PSA’s to radio stations.
- Met with customer at 3501 Seedman Dr. to advise that he had 48 hours to repair a water leak.
- Met with customer at 624 El Creston on high water usage.
- Attended safety training at City Hall on July 7, 2011
- Two letters of violation issued for Stage IV outdoor watering.
- Approved car wash for LV Christian Center using well water.
- Met with institutional water users to explain what was needed as far as water audits and conservation plans.
- Met with representative from Niagara water conservation on new products.

Distribution Section

- Water Distribution Construction Crew installed 300' of 2" water main on South Grand.
- Water Distribution Construction Crew installed 4 new water services.
- Water Distribution Construction Crew installed 6" fire protection water tap on 7th street for the new McDonalds .
- Installed 2 new ¾ inch water services.
- Installed - 6 inch fire hydrant tap.
- Water Distribution Maintenance Crew started to transfer services on alley on Railroad Ave. 31 services need to be transferred from old 2 inch line to the new 8 inch line. 10 have been transferred.
- Water Distribution Maintenance Crew raised valve boxes for new side walk on East side of 7th street.
- Water Distribution Maintenance installed 2 new ¾" double setters.
- Got pressure tests and maintenance 556 fire hydrants.
- Checked all Valves on Fire Hydrants to see if they are working and they are.
- Worked on 8" water main leak.
- Water distribution crews have start up bi weekly tail gate safety meetings and discuss the issues that can be a potential hazard.

Accomplishments

- 1) Carnegie Library on Effluent water irrigation
- 2) El Camino Mobile Home Park Individual water meters installation
- 3) New ¾ Water services

Challenges

- 1) May 9, 2011 start the cinder road 12" effluent water project
- 2) Install new 12" C900 Effluent Water main from 12th street up Moreno Street to Rodriguez Park on Grant Street.
- 3) North water loop from North Grand Ave. to Mills Ave.
- 4) Three owners from Mobile Home Parks requesting to individual meter their Parks
- 5) One 6 inch water tap for Fire Hydrants at New Mexico Behavioral health Institute
- 6) New 6 inch fire protection tap at Highlands University new student center on National Ave.
- 7) New 6 inch fire protection tap at LCC Community College.

Water Treatment Plant

- Construction for diversion rehabilitation is on schedule.
- Regular monitoring of water metering, water quality and equipment maintained and water sampling.
- Contractors visit at wells for rehabilitation of Taylor well #2 bids.
- Safety meeting on procedures for affixing appropriate lockout/tag out devices to energy isolating devices.

Operation Status as of 7/3/2011

Surface Water Diversion

Approved Diversion: 2754.270 AF

YTD Diversion: 1162.844 AF

Remaining Balance: 1591.426 AF

Ground Water Pumping

YTD Taylor Wells #4 259.815 AF

Storage

Total Storage: 1022.643 AF

Amount in Storage: 551.695 AF

Available Storage: 470.948 AF

Percent Full: 54%

Water at Storrie Lake

Amount in Storage: N/A AF

IMPROVEMENT PLANS

Utilities Administration Improvement Plan

PROJECT/CONCERN	IMPROVEMENT PLAN	PROGRESS
Develop Utility Rates based on cost of service Methodology	Hire a firm to perform rate study to ensure adequate funding for utility Operations and Capital improve.	Orientation Workshop 11/16-19 th , Financial Plan Workshop completed Rate Design Workshop Completed
Staffing/Cross- Training in Utility Department	Fill Vacant positions to have a full staff. Cross train staff in different areas to ensure coverage of all positions	Presently we are training a new inventory clerk
Some Service & Material Agreements not current.	Develop R. F. P.'s	On Going
Improve Critical Spare Parts Inventory	Work with Purchasing Officer to identify spare parts needed	The Purchasing Officer is currently working with supervisors to improve the critical spare parts inventory. This will be on going
Complete inventory of chemicals and MSDS Sheets	Work with Purchasing Officer to complete inventory MSDS Sheets	Work assignment given on 01/15/2010 deadline is 03/01/2010
Asset Management Plan	Work with the four Divisions to establish a committee to work with and implement the Asset Management Plan	Work assignment given Nov. 2010 Deadline 12/31/10

Customer Service Improvement Plan

PROJECT/CONCERN	IMPROVEMENT PLAN	PROGRESS
Customer service clerk	Hiring a customer service clerk & cashier.	Two have been hired and are doing well.
Invoicing for standpipe and effluent water	Invoice accounts instead of doing adjustment slips.	105 Customers on effluent and 78 on standpipe.

Cross training	Looking for ways to better serve our customers by having more staff be able to answer questions.	Cashiers will be training in customer service to better understand and answer questions.
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Meter Reader Improvement Plans

PROJECT/CONCERN	IMPROVEMENT PLAN	PROGRESS
Old Water Meters	Change out old outdated water meters	All 1989 or older meters are done. Now changing 1990 through 1995.

Waste Water Improvement Plans

PROJECT/CONCERN	IMPROVEMENT PLAN	PROGRESS
Install effluent reuse lines	Expand reuse system to Rodriguez Park.	Water Distribution Dept. will complete this project by end of 2011.
Re-use system expansion	Expand system to increase availability of re-use water to additional city parks and irrigation users.	PER Fee and agreement under negotiation, state funding Frozen.
Air handling issues at WWTP for aeration basins	Work with engineers on constructive solutions to this issue.	Waiting for quotes to finalize review of their responses.
Cinder Road, sewer and effluent lines	Install new 15" sewer collection pipe to be able to lift moratorium. Engineering and Design is 100% complete. pipe and materials ordered utilizing \$200,000 WTB Grant and \$50,000 loan. Updated uniform funding application re-submitted to water trust board for the sewer main for the requested amount of \$750,000.	Will Commence installation of 15" sewer main and 12" reclaimed water line on 5/4/11 along with two sanitary sewer mains. County signed off on crossing permits.
Solids handling issues at WWTP for aerobic digestors	Work with engineers on constructive solutions to this problem.	waiting for quotes to finalize review of their responses.

Camp Luna sewer line replacements due certain undersized lines	Lines in certain areas are undersized and over capacitated.	Seeking Easement Access
West side sewer line replacements	Replace undersized and over capacitated sewer mains	I.C.I.P./ Updated uniform funding application re - submitted to Water Trust Board for sewer main upgrades in the requested amount of \$2,750,000 on February 24, 2011
State road 65 sewer replacement project North of medical center.	Replace 400feet of six inch VCP pipe with 8" PVC pipe and new ring and covers on existing manholes.	Completed.

Gas Improvement Plans

PROJECT/CONCERN	IMPROVEMENT PLAN	PROGRESS
Old PVC gas line that needs to be replaced.	Replace old line with new line and relocate gas services.	700 feet of 2" PVC and 5 service risers have been replaced on Romero St.
Residential meter replacement project	Replacing 1989 and older gas meters with new R275 gas meters.	280 Gas Meters have been replaced. 20 more needed to complete.
Gas employees must obtain CDL.	Send staff to training and testing for CDL.	Sent half of staff for testing and will send to take driving test.

Solid Waste Improvement Plans

PROJECT/CONCERN	IMPROVEMENT PLAN	PROGRESS
Vehicle Maintenance Improvement	Establish a 3 month Maintenance of Trucks	3 month plan has begun for each truck
Litter Control at Transfer Station	Daily walk through and pick up on the grounds	Showing significant progress along fence lines and front of property
Improve Recycling	Educate schools and involve public	Setting up meetings with staff for possible E-Waste weekend

Safety Meetings	Conduct bi-weekly meetings of safety issues pertaining to Solid Waste.	Have held two meetings and meetings will continue.
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Water Conservation Improvement Plans

PROJECT/CONCERN	IMPROVEMENT PLAN	PROGRESS
Conservation Ordinance Violators	Monitor watering, car washing, etc.	On-going
Fine Tuning of Water Conservation Ordinance	Solicit suggestions for improvements to Water Conservation ordinance	Met with committee and compiling suggestions for changes to ordinance.
Education of Public on Conservation.	Outreach to community.	Posting signs around town and providing community with materials on water conservation.

Water Distribution Improvement Plans

PROJECT/CONCERN	IMPROVEMENT PLAN	PROGRESS
Distribution System modeling & mapping	Hire engineering firm to perform modeling and mapping. Obtain information from Molzen	Lack of Internal Capacity
Reuse water (Effluent) line extension	Extend the effluent reuse water to Plaza Park. Phase 1 River walk 980ft. installed 380 ft. 25 percent Complete	Started on 2/24/2011 Estimated date Complete. Complete
Distribution System Line Replacement	Replace leaky, small diameter, aged or add lines to loop system	Engineering Analysis, Scheduling
Distribution System Leak Detection Program	Work with OSE under grant to develop program. Results used to prioritize replacements.	Have detected 5 leaks. Relocated leak detection loggers. Have all 100 loggers installed on water valves.
Reuse Water (Effluent) Line Extension	Extend the effluent reuse Water to Plaza Park. Phase 2 Moreno st. From Escuelas to South Gonzales. 680 ft. Installed 460 ft. 75 percent Complete.	Started On 1/10/2011 Estimated date complete 3/24/2011

Water Supply Improvement Plans

PROJECT/CONCERN	IMPROVEMENT PLAN	PROGRESS
Replace PLC at RAW Water Building	For flow control at cabin site tank and chemical pump feed rate for treated water	Alpha Southwest is in the process of ordering and programming
Structural of repair of Filter Building on Northeast side	Under review consulting with Molson and Corbin	Doug from Molson at water treatment for reviewing

CAPITAL PROJECTS

Waste Water Capital Project

PROJECT	STATUS	START DATE	COMPLETION DATE
Working with Engineer and Community Development Staff for emergency CDBG Grant for sludge centrifuge.	Grant request submitted- ICIP and budget 2011. Awaiting approval from DFA.	July 26, 2010	Working with Engineer and Community Development Staff for emergency CDBG Grant for sludge centrifuge.
Camp Luna- replace under sized sewer mains.	Need to work with county and residents for access do to encroachment on easements.	September 30, 2010	Camp Luna- replace under sized sewer mains.
Installation of 330 feet of 8 inch PVC pipe and six new sewer service taps.	Has been scheduled for third week of March 2011.	March 14, 2011	Installation of 330 feet of 8 inch PVC pipe and six new sewer service taps.
Air handling issues at WWTP for aeration processes-sludge handling issues and covering of entrance works.	Going out for quotes from engineering firms	December 14, 2010	Air handling issues at WWTP for aeration processes-sludge handling issues and covering of entrance works.
NPDES NM0028827 renewal	Assigned task order to Souder Miller and Associates engineering for preparation and completion of this permit.	September 23, 2010	NPDES NM0028827 renewal
Reclaimed water pipe and material bid for Cinder Road Project	County public works signed off on crossing permits so that we could commence this project.	January 2011	Reclaimed water pipe and material bid for Cinder Road Project
Industrial Storm Water Pollution Prevention Plan for WWTP.	Assigned task order to Molzen-Corbin engineering for preparation and completion of this EPA mandated Plan.	SWPP completed and NOI sent to EPA for approval- received response	Industrial Storm Water Pollution Prevention Plan for WWTP.

		from EPA for more Info. on 12-29-10.	
State police building KFUN	Final cost from contractor in for review by Molzen Corbin to move forward with finalizing the needed extension agreements. Need final DOT easements .	City wants 12” sewer and water lines installed for this project for future expansion of city utilities. City to pay the difference in pipe costs from 8” to 12”.	State police building KFUN
Service truck For waste water department with utility bed and crane.	Waste water will budget vehicle in 2011/ 2012 budget.	Will be getting the final state contract costs for this truck	Service truck For waste water department with utility bed and crane.
Working with Engineer and Community Development Staff for emergency CDBG Grant for sludge centrifuge.	Grant request submitted- ICIP and budget 2011. Awaiting approval from DFA.	July 26, 2010	Working with Engineer and Community Development Staff for emergency CDBG Grant for sludge centrifuge.

Gas Capital Projects

PROJECT COMPLETION	STATUS	START DATE	

Solid Waste Capital Projects

PROJECT COMPLETION	STATUS	START DATE	
Transfer Station Renovations	Renovations have started and are going as scheduled	March 17, 2011	July 11, 2011
Landfill Closure	Preliminary Engineering report	April 2011	
Refuse Trucks Purchase	Council negated bid for rush and awarded bid to Pend Pac	March 16, 2011	
Transport Trailer	Council approved bid to MCT of Albuquerque for \$78,925	April 5, 2011	
Transport Truck	Council approved bid to Roberts Truck Center for \$111,808	May 18, 2011	

Water Distribution Capital Projects

PROJECT COMPLETION	STATUS	START DATE	
12 Inch Effluent Water Moreno project Phase 1	The new 12 in Effluent water Pipe phase one 980 feet. 25 per	2/24/2011	3/11/2011 complete
Meter Replacement	Started on 2" water meters from 1989 to 1990 38 meters have replaced seventeen 2" meters	12/1/2009	On going
12 inch Effluent Water Moreno phase 2	The new 12in Effluent water pipe Phase two 680. 75 percent complete		
Cinder Road Effluent water	Install 12 inch Effluent water main 8641 feet from Mills Ave. up Cinder Road.	5/9/2011	8/30/2011 Estimated
Moreno St. 12" Effluent Line to Rodriguez Park	Hook up Plaza Park and Rodriguez Park to effluent water	1/1/2011	

Water Supply Capital Projects

PROJECT COMPLETION	STATUS	START DATE	
Peterson Dam Leaks	Under Souder Miller Consulting		
Distribution System – High Trihalomethanes. Problem is system wide and is the result of elevated summer TOC, increased temperature, low demand, inadequate system looping, and lack of periodic flushing.	Completed map and profile. It has been determined that this is a system wide problem. Efforts are in progress to modify disinfection practices and optimize Alum feed rates to minimize the problem. Distribution is in the process of identifying broken valves and eliminating dead ends.		

	Operations will seek engineering solutions/recommendations for alternative disinfection/treatment at the water treatment facility pending PER completion.		
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Project Updates from Engineers

Molzen, Corbin & Associates

A. On-Going Task Orders

1. Taylor Well No. 2 (No. 3)

- The project was funded by the WTB June 1, 2011.
- The project was advertised on June 15, 2011 and the bid opening was on July 13, 2011.
- The apparent low bidder was RMCI, Inc. in the amount of \$1,599,822.09.
- The City Council approved the Notice of Award on July 21, 2011.
- Molzen Corbin received the NOA on July 27, 2011 and sent it to the Contractor on July 28, 2011.
- Molzen Corbin received the contractors bonds and insurance on August 1, 2011 and are currently reviewing them.
- The preconstruction conference is anticipated to be held the week of August 8, 2011.
- Construction is expected to start by September 1, 2011.

2. Water System Hydraulic Model (No. 4)

- The water model is 90% complete
- The draft model was submitted to the City for review on April 26, 2011.
- The following information from the City is pending:
 1. Pressure reading on inlet pipe to the Luna Tank.
 2. Verify the existence of the PRV on El Llano Road.
 3. Verify the closed valves on Rio Arriba.
 4. New static pressure readings since the major leak was repaired.

3. Finished Water PER (No. 5)

The Draft PER was submitted to the City for review on April 26, 2011.

A presentation to the City Council was made on July 27, 2011.

The Final PER is expected to be submittal to the City by August 15, 2011. We will need the information above regarding the model in order to complete the Final PER.

Water Treatment Plant

The existing water treatment plant has been evaluated for existing operational issues that need to be addressed as well as long-term improvements.

The existing operational issues are well known, but are being further defined and clarified in this PER so the City can obtain funding for the improvements. These improvements must be made in order for the City to continue to operate the treatment plant.

The recommendations regarding the WTP in the PER are as follows:

Priority 1 Improvements:

- Reduce TTHMs and HAA5 to safely meet drinking water standards and improve taste and odor problems:
 - Add an oxidation process upstream of the pretreatment facility such as ozone, ultraviolet light, and/or hydrogen peroxide to reduce the organic precursors of disinfection byproducts
 - Install a building cover over the pretreatment facility to minimize algae growth in the basin
- Improve operation and maintenance of plant:

- Install roof over the existing alum storage and containment tanks located adjacent to the Raw Water Pump Station to protect them from sun and rain.
- Reroof the filter building to protect the equipment inside the building from water damage.
- Repair cracks in masonry walls of the filter building to seal the building from outside drafts and protect the masonry from further damage.
- Add three additional outlet drains in the concrete sludge lagoon to reduce the amount of sediment that clings to the slope of the lagoon.
- Add raw water pipe to feed into the top of Bradner Reservoir to improve water quality by reducing stagnant zones in the reservoir that now exist with a single inlet/outlet pipe in the bottom.

Priority 2 Improvements:

- Facility modifications to increase capacity assuming current source water

Priority 3 Improvements:

- Facility modifications to address variations in surface water quality

Finished Water Distribution System

The finished water distribution system consists of the waterlines throughout the City of Las Vegas. Similar to the Water Treatment Plant, the improvements required to the distribution system have been presented as a prioritized list of what the City must do in order to address known issues with the existing distribution system.

The draft water model was submitted to the City for review and comment on April 26, 2011.

The improvements that have recommended are as follows:

- Upsize lines based on results of the water model.
- Loop dead end lines to improve water quality, water pressure and fire protection.
- Address lines that need to be replaced based on input from City staff.
- Leak detection (on-going implementation of existing program and possible recommendation for additional leak detection).

Finished Water Storage

The engineering analysis, which uses peak day demand and population projections for the planning period of the project, indicates that no additional storage will be required to meet 2050 storage requirements. A new water tank will be required at the Airport to supply the proposed booster pump building as presented in the Draft PER.

It has been recommended in the Draft PER that the three existing storage tanks be inspected and rehabilitated.

Effluent Reuse

The effluent reuse evaluation has included the evaluation of many concepts for usage of effluent. Essentially, in order for an effluent reuse option to be beneficial to the City, the reuse must either replace a current potable use or result in an exchange with a current user(s) of potable water who is willing to use effluent rather than existing potable water.

The final report regarding the quantity of effluent available for reuse throughout the study period was provided on January 19, 2011.

The evaluation matrix was created to help the City evaluate the effluent reuse options was presented at the public hearing and in the draft PER to outline the many effluent reuse options that were considered during the evaluation.

An additional option that could be considered is obtaining a second NPDES permit to discharge effluent upstream from the existing discharge location, but downstream of the City's diversion from the Gallinas River. The thought is this would possibly allow the City to divert more water from the Gallinas since the downstream users would have water to divert from the river that is currently not available with the City's existing diversion and discharge locations. It is

essentially a “water swap” with the acequias that would allow the acequias to continue to divert from the Gallinas.

Based on input from the City staff and others, the recommendations in the Draft PER include the following short term and long term improvements:

Short Term:

- Expand existing system to irrigate more City parks and ball fields.
- Construct facilities to get the effluent from Cinder Road up to and back down from Camp Luna.
 - Allows for expanded reuse to maximize what is available on a daily basis and minimizes the reliance on the pumping equipment at the WWTP.
 - Would result in discharge of entire 0.6 MGD in winter.

Long Term:

- Pump excess reuse to Storrie Lake (waiting for City-coordinated meeting with Storrie Lake Board of Directors to determine if it will be recommended). The cost for water quality analyses that would define characteristics, including basic pharmaceuticals, is very high and has not approved by the City.
- Discharge effluent upstream of existing discharge location to provide water in river for users downstream of City’s Gallinas diversion location (evaluation underway)

Groundwater Evaluation

The Draft PER focused on how to incorporate the new ground water recommendations from Daniel B. Stephen’s report into the existing water system, including physical improvements to get the water into town and treatment required for any of the new sources of water.

4. Cinder Road Sewer System Improvements (No. 7)

- The scope of work is to extend a 15” sewer line along Cinder Road and through the memorial Middle School to Old National Road and extend a 12” effluent line from Mills Ave. to El Camino Road.
- The 15” sewer line is intended to eliminate the over load condition of the existing sewer line that was identified in Task Order No. 1.
- The 12” effluent line is intended to initially irrigate the middle school and baseball fields across the street and eventually be extended to Camp Luna and potentially Storrie Lake.
- The final design was submitted to the City and NMED on April 6, 2010.
- NMED approved the plans and specifications on April 21, 2010.
- The sewer portion of the project is on hold pending funding.
- The City received WTB funds to purchase the materials and install the effluent line portion of the project.
- The City requested that Molzen Corbin proceed with identifying the property needed for the booster pump building and tank on Cinder Road.
- We met with the City and two potential property owners to begin the discussion.
- The easement required for the 15” gravity sewer through the Memorial Middle School also needs to be secured.
- The City requested that Molzen Corbin assist with the Utility Permits for San Miguel County to install the utilities that cross the new bike path.
- Molzen Corbin submitted the permits to the City on February 22, 2011 and the City submitted them to the County for review and approval.
- On March 31, 2011 San Miguel County requested that additional language be included on all seven (7) permit application forms.

- The City received the approved permits from San Miguel County and that the City started installing the utilities that are affected by the new bike path.
- On May 19, 2011 the City requested that we assist with the procurement of a contractor to complete the remainder of work associated with in the area of the Palo Verde lift station.
- We met with the City and the Storrie Lake Contractor (H.O. Construction) on June 1, 2011 and the City requested a cost proposal for the work that will be a Change Order to the existing Storrie Lake project.
- H.O. Construction provided a cost proposal and schedule on June 3, 2011.
- H.O. Construction started construction on July 18, 2011 and completed the work on July 22, 2011.
- A Substantial Completion Inspection was held on July 26, 2011. The contractor needs to pressure test the new effluent line and seal coat the asphalt patch on Palo Verde.
- The Contractor for the bike path began the sub grade preparation in this area on the morning of July 26, 2011.
- The City performed a video survey on July 28, 2011 and has accepted the new 15" sewer line.
- The project will be considered Substantially Complete when the new effluent line is pressure tested.

5. KFUN/State Police Station Water and Sewer Extension (No. 8)

- The State is constructing a new State Police Building east of the Interstate and south of the University exit.
- We assisted the City with evaluating the proposed design of the extension of the City water and sewer lines to service the building and future development east of the interstate.
- We received a copy of the NMDOT permits May 15, 2011 for the utilities to include in the Draft Line Extension Agreement
- A draft of the agreement was submitted to the City on May 17, 2011.
- A draft of the agreement was submitted to the City on June 7, 2011.
- This Task Order will be removed from the Status Report in September.

6. Rodriguez Park Effluent Re-use (No. 9)

- The project was advertised on June 15, 2011 and the bid opening was on July 13, 2011.
- The apparent low bidder was Garcia Underground, Inc. in the amount of \$397,727.27.
- The City Council approved the Notice of Award on July 21, 2011.
- Molzen Corbin received the NOA on July 27, 2011 and sent it to the Contractor on July 28, 2011.
- The preconstruction conference is anticipated to be held the week of August 8, 2011.
- Construction is expected to start by September 1, 2011.

7. Gallinas River Effluent Line Crossing (No. 20)

- The scope of this project consists of the construction of new 12" DIP effluent line encased in concrete across the Gallinas River at Moreno Street.
- Construction began on March 21, 2011
- The Contract time expired on April 19, 2011.
- The Substantial Completion Inspection was held on July 13, 2011. There were no items identified that need to be completed or corrected.
- Molzen Corbin made a request to the NMED and COE on July 14, 2011 and on July 20, 2011 for their approval of the work.
- The project will be considered complete on August 5, 2011.

8. Entrance Works Enclosure (No. 23)

- The scope of this project consists of enclosing the entrance works with a series of panels, windows and roll up doors.
- The City approved the Task Order for the design on March 18, 2011.

- The preliminary plans were submitted to the City on April 26, 2011.
- We received the City comments on April 26, 2011.
- We would like to discuss this project with City prior to completing the design and preparing the project for bidding.

9. New Mexico Effluent Line Crossing (No. 24)

- The scope of this project consists of the construction of new 12” DIP effluent line along New Mexico Avenue from Moreno Street to Grant Street.
- The City received a permit from the NMDOT on March 10, 2011.
- The project was advertised on June 15, 2011 and the bid opening was on July 13, 2011.
- The apparent low bidder was Jeffrey’s Plumbing and Heating, Inc. in the amount of \$58,250.60.
- The City Council approved the Notice of Award on July 21, 2011.
- Molzen Corbin received the NOA on July 27, 2011 and sent it to the Contractor on July 28, 2011.
- The preconstruction conference is anticipated to be held the week of August 8, 2011.
- Construction is expected to start by September 1, 2011.

B. Pending Task Orders

1. Taylor Well No. 5 (No. 16)

- The City would like to place this well back into service
- Molzen Corbin performed site visit to prepare scope of work on November 2, 2010
- Molzen Corbin provided Task Order to City on December 7, 2010

2. North Grand Avenue Waterline Improvements (No. 17)

- City would like to loop seven dead end lines in the vicinity of City Hall and the Hospital
- These lines have been identified in the draft water model.
- Molzen Corbin provided Task Order to City on December 7, 2010

3. Luna Tank and Cabin Site Tanks (No. 18)

- The scope of this project consists of the draining, cleaning, repainting and possible structural improvements to the 2.5 million gallon Luna Tank and the 5.0 million gallon Cabin Site Tank. Modify yard piping at the Luna Tank to allow the existing booster pump building to be removed from service. The existing high service pump (red pump) needs to be repaired and will remain in service.

- We recommend the following tasks be performed by the City during the preliminary design phase:

1. Test for lead base paint on both tanks (inside and outside)
2. Inspect interior of both tanks to determine the following:
 - a. Quantity and type of debris.
 - b. The extent of structural improvements that may be needed
 - c. The condition of the cathodic protection system
3. Isolate the Cabin Site Tank and perform a trial water system operation using the clear well pumps at the Water Treatment Plant to simulate the daytime and nighttime operation for two days.
4. Perform pressure test the yard piping at the Luna Tank.
5. Molzen Corbin provided Task Order to City on December 7, 2010

4. Cover over the WTP Pretreatment Facility (No. 19)

- The scope of work consists of the construction of a metal structure cover over the existing pre-treatment facility at the Water Treatment Plant.
- The purpose of the project is to reduce the amount of sunlight to the water surface
- The cover will be a pre-manufactured cover mounted to the top of the existing walls
- The west and south walls will be screened to reduce evening sunlight and improve security.
- Molzen Corbin provided Task Order to City on December 7, 2010

5. Septage Management Technical Assistance (No. 12)

- A public meeting held on June 29, 2010.
- Molzen Corbin provided a Task Order on July 1, 2010.

6. WWTP Sludge Handling Modifications (No. 21)

- Molzen Corbin provided a Task Order on January 11, 2011.

7. WWTP Aeration System Modifications (No. 22)

- Molzen Corbin provided a Task Order on January 11, 2011.

8. Storrie Lake Floating Pump (No. 25)

- Molzen Corbin provided a Task Order on July 19, 2011.

C. Completed Task Orders

1. Old National Road Sewer Evaluation (No. 1)

2. West Las Vegas Middle School Sewer Evaluation (No. 2)

3. Taylor Well No. 2 Design (No. 3)

4. Storrie Lake Conveyance System PER and Aerial Photography (No. 6a and 6b)

5. Camp Luna Elevated Tank Painting (No. 10)

6. Storrie Lake Inlet Piping Crossing Repairs (No. 14)

7. SWPPP at WWTP (No. 15)