

Metropolitan Water District of Salt Lake & Sandy CAPITAL PROJECT REPORT

May 2011

Last Updated: April 28, 2011

Capacity Improvement Projects

Owner Controlled Insurance Program

Project Data:

Owner Controlled Insurance:	Liberty Mutual
Date Program Began:	October 2003
Final Obligation Date:	December 30, 2010
Budget (FY11):	\$75,000.00
Invoiced FY11:	\$73,646.13

Diane Richards (GL)

Routine Non-Capacity Improvement Projects

Terminal Reservoir Replacement Project – Final Design

Project Data:

Design Engineer:	Bowen, Collins & Associates
Contractor:	N/A
Notice to Proceed:	November 30, 2009
Substantial Completion Date:	N/A
Final Completion Date (Design):	June 30, 2011
Estimated Project Cost:	\$33,500,000.00
Engineering Contract Amount:	\$699,850.00
Engineering Change Orders:	\$35,430.00
Construction Contract Amount:	\$32,602,179.00 (begin FY2011)
Construction Change Orders:	N/A
Project Total:	\$33,311,929.00
Percent Change Orders:	0.05%

Engineer continues to make progress towards the 90% submittal. Staff to prequalify General Contractors for the project. Proposals due May 9th. Review and short listing of General Contractors to occur May 11th.

Little Cottonwood Water Treatment Plant – Site Support Heating, Ventilation, and Air Conditioning Lab Area Improvements Project

Project Data:

Design Engineer:	Staff, Heath Engineers
Contractor:	Chad Husband
Notice to Proceed:	April 27, 2011
Substantial Completion Date:	June 30, 2011
Final Completion Date:	July 15, 2011
Estimated Project Cost:	\$547,400.00
Engineering Contract Amount:	\$32,000.00
Engineering Change Orders:	\$3,000.00
Construction Contract Amount:	113,061.00
Construction Change Orders:	n/a
Project Total:	\$148,061.00
Percent Change Orders:	0.02%

The HVAC Lab Area Improvements project contract was awarded to Chad Husband. Construction to begin in May 4th and be complete by June 30, 2011.

Utah Lake Pump Station Replacement Project

Project Data:

Design Engineer:	Bowen, Collins & Associates
Contractor:	n/a
Notice to Proceed:	n/a
Substantial Completion Date:	n/a
Final Completion Date:	October 2012 - expected
Estimated Project Cost:	\$8.5 million (unconfirmed)
Engineering Contract Amount:	\$879,746.00
Engineering Change Orders:	\$6,958
Construction Contract Amount:	n/a
Construction Change Orders:	n/a
Project Total:	\$886,704.00
Percent Change Orders:	0.008%

Engineer has begun Final Design. A meeting was held on April 19th at the Natural resources building to further discuss the permitting requirements for the project and June Sucker and determine State land delineations. As a result of several meetings, it was determined that the ULPS Replacement Project would not require a sovereign lands permit. The Engineering is analyzing flow hydraulics using a Computerized Flow Dynamic (CFD) model.

Little Dell Dam – Capital Improvements

Salt Lake City Public Utilities continues to develop an asset management plan for this facility.

The following Capital Improvements were requested by Salt Lake City Department of Public Utilities for FY2011:

- **New Adit Ventilator** - \$10,000. The new adit ventilator has been installed.
- **Crack-seal and Seal the Access Roads** - \$21,000 Crack Repair, \$70,000 Slurry Seal. Work scheduled for spring 2011.
- **Upgrade Instrumentation System** - \$99,000. Salt Lake City Public works and MWDSLS have been working together to determine scope and approach to the Little Dell SCADA upgrades. In general, the scope includes 3 new PLC's, 2 RTU's and PLC software and HMI license. These items are planned to be procured this FY with the possibility of PLC programming extending into FY2012.

Total Budget FY2011: \$200,000

Other Capital Projects

Jordan Aqueduct System and 150th South Pipeline – Capital Projects

The following Capital Improvements were approved by Jordan Aqueduct System management committee for FY2011 for the Jordan Aqueduct System:

- Jordan Valley Water Treatment Plant Chlorine Dioxide Project – Project is on-going and will have a “testing” phase or a “Pre-Compliance Sampling period” around February 2012 to March 2012. Final completion anticipated by March 2012.
- Jordan Valley Water Treatment Plant Filter and Chemical Building Seismic Upgrade – Project is 99% complete.
- Jordan Aqueduct Chlorine Booster Station – Project was scheduled to go out for bid in April. We are waiting to hear of the revised Bid Date. Improvements expected to be complete by the following Spring (2012). The plan is to bring this project on-line on or before the Chlorine Dioxide Project.
- Jordan Aqueduct – Reach 2 pig launch modifications. – Design complete as part of the Southwest Aqueduct project. Construction contract awarded to Allied Construction. Work to be complete by June 2011.
- Jordan Valley Water Treatment Plant generator replacement. – Project was returned to this year's Capital Projects List.
- Normal Capital Improvements at Jordan Valley Water Treatment Plant, Jordan Aqueduct, and Jordan Aqueduct Terminal Reservoir. – Nothing to report
- A new capital expense has been identified for this fiscal year. As a betterment to the UDOT Mountain View Corridor (MVC) project, a new access into the JWTP from the MVC is requested. MWDSLS portion of cost is estimated at \$30,857.00.

Total Request FY2011: \$1,678,447

Revised Mid-Year Estimate FY2011: \$700,000

Provo River Project – Provo Reservoir Canal Enclosure

The Provo River Water Users Association (PRWUA) has contracted with Ames construction for the project. As of April 16, 2011 - Northwest pipe has successfully manufactured (rolled, hydro tested, and approved for surface prep) 43,420 feet of 126-inch diameter welded steel pipe (approximately 42.3% of the project total). Polyurethane lining and coating of the previously rolled pipe has begun with approximately 41,000 feet lined and coated (approximately 40%). Work has begun with installing the large diameter pipe with approximately 26,274 feet installed (25.7%) and 23,411 feet backfilled. Welding of joints has begun with approximately 17,646 ft of joints welded. Contract time elapsed to date (as of Dec. 10, 2010) is 30.3%. Recent communications with the project team indicate the contractor is behind schedule. Projected runoff in Battle Creek and Grove Creek may require the Contractor to demobilize so that runoff flows can be directed into the PRC out to the Point of the Mountain.