



● **Engineering Services Key Activities for the Month of May 2010**

Summary

- Recent Events:
 - Lake Skinner Outlet Conduit Repair
 - Allen McColloch Pipeline Repair
 - Service Connection for the City of Burbank
- Supply and Delivery Reliability:
 - Inland Feeder Program
 - Perris Valley Pipeline
- Infrastructure Reliability:
 - Capital Program for Projects Costing Less Than \$250,000
 - CRA Pumping Plant Reliability Program
 - Jensen Water Treatment Plant Improvements Program
 - Skinner Water Treatment Plant Improvements Program
- Water Quality:
 - Oxidation Retrofit Program
- Regulatory:
 - Chlorine Containment and Handling Facilities
- Stewardship:
 - CRA Property Recordation Program

Attachments

Monthly Progress Report of Construction and Procurement Contracts for April 2010

Detailed Report

This report details key engineering activities for the month of May 2010.

RECENT EVENTS:

Lake Skinner Outlet Conduit Shutdown: During a shutdown of the Lake Skinner Outlet Conduit from April 19 to May 12, 2010, three 150-inch diameter, distressed pre-stressed concrete cylinder pipe (PCCP) sections were removed and replaced with welded steel pipe (Figure 1). A contractor performed the majority of construction, while Metropolitan forces performed pipe fabrication and dewatering of the conduit.



Figure 1: Replacement of distressed PCCP sections

Allen McColloch Pipeline Urgent Repair Project: In January 2010, electromagnetic inspections identified that six PCCP pipe sections contain at least 15 to 100 prestressing wire breaks each. PCCP sections with these levels of distress warrant prompt repair. Based on the locations of the distressed sections and their condition, all six sections are planned to be replaced with welded steel pipe. Metropolitan staff has prepared plans and specifications for competitive bids, and will fabricate the steel pipe liner. Installation of the steel lining will be performed by a contractor. The electromagnetic inspection report also identified five pipe sections with possible “broken backs”. Metropolitan forces will excavate the five sections to verify their condition.

RECENT EVENTS (cont.):

Service Connection Completion for the City of Burbank: The city of Burbank takes raw water from Metropolitan’s San Fernando Tunnel through service connection B-06, and recharges the Lopez Spreading Grounds to augment its water supplies. The service connection delivers 75 acre-feet of water every six months. Construction of service connection B-06 was completed by Metropolitan forces in December 2008. An internal cleaning of the San Fernando Tunnel was completed in February 2010 and water was delivered to the Lopez Spreading Grounds in April 2010.



Figure 2: Left: Water delivery through service connection. Right: Spreading grounds

Board Report (Engineering Services Key Activities for the Month of May 2010)

Supply and Delivery Reliability:

Inland Feeder Program: This program consists of 44 miles of pipelines and tunnels that enable Metropolitan to convey State Water Project (SWP) flows from Devil Canyon Afterbay to Diamond Valley Lake (DVL). All construction contracts have been completed. Staff continues to conduct regular monitoring of ground and surface water conditions along the Arrowhead Tunnels alignment in accordance with the program’s environmental impact report. This work will continue until at least December 2011.

During April, the Arrowhead Tunnels portion of the Inland Feeder received the Project of the Year award from the Southern California Chapter of the Construction Management Association of America (SCCMA). The award was presented at the chapter’s annual awards ceremony on May 6 (Figure 2).



Figure 2: Metropolitan staff and consultant accepting Project of the Year award from the SCCMA

Supply and Delivery Reliability (cont.):

Perris Valley Pipeline: This 96-inch diameter pipeline will be approximately 6.5 miles long, extending east and south from the Mills plant to provide treated water to Eastern Municipal Water District and Western Municipal Water District of Riverside County. Recent activities include the following:

- **South Reach** – Approximately 15,500 feet of pipeline (out of a revised total of 17,931 feet) has been installed (Figure 3). South Reach construction is 57 percent complete and is scheduled to be completed by late 2010. The two remaining tunnels have been deleted from the contract and will be completed under a separate tunnels contract. Staff is negotiating a credit with the South Reach contractor.
- **Tunnels** – Field geotechnical investigations have been completed. The technical feasibility and comparative costs for various tunneling methods are now being evaluated. Design is 10 percent complete and is scheduled to be completed by October 2010.



Figure 3: Pipe installation in deep, shored section of Western Way

Board Report (Engineering Services Key Activities for the Month of May 2010)

Infrastructure Reliability:

Capital Program for Projects Costing Less Than \$250,000: This program supports essential repairs and upgrades for facilities located throughout Metropolitan’s conveyance/distribution system and treatment plants. Examples of infrastructure likely to be refurbished or replaced include pumps and valves, structural components, plumbing, electrical systems, and water treatment equipment. Many of these projects require fast response due to safety or regulatory concerns, unanticipated failures, construction crew availability, and shutdown opportunities. Each fiscal year, the Board is requested to authorize the General Manager to execute capital projects costing less than \$250,000. Recent activities include the following:

- **Intake Under-Frequency Protection Relay Upgrade** – This project involves replacement of deteriorated load-shedding relays to comply with federal regulations. Construction was completed during the April 2010 CRA shutdown.
- **Jensen Control Room UPS Upgrade** – This project will upgrade and repair the Jensen control room uninterruptible power supply (UPS) systems that were damaged from a local electrical fire. The UPS system powers the control room and telephone service. Construction is 95 percent complete and is scheduled to be completed by June 2010.
- **Meter Cabinet Relocation of Service Connection OC-26** – This project involves relocation of the meter cabinet for service connection OC-26 metering to accommodate a street widening project. Construction is 75 percent complete and is scheduled to be completed by June 2010.
- **Lake Mathews Emergency Generator Upgrade** – This project involves electrical and general safety upgrades to the Lake Mathews facility. Construction is 95 percent complete and is scheduled to be completed by June 2010.
- **Mills Bromate Control Improvements Project** – This project will install a new ammonia and chlorine diffuser at the Inlet Control Structure to reduce bromate formation in the downstream ozone contactors (Figure 4). Construction is 80 percent complete and is scheduled to be completed by June 2010.



Figure 4: Left: New ammonia injector. Right: New chlorine injector

Board Report (Engineering Services Key Activities for the Month of May 2010)

Infrastructure Reliability (cont.):

CRA Pumping Plant Reliability Program: This program was established to maintain reliability of the Colorado River Aqueduct (CRA) pumping plants and support facilities. The program currently contains 5 active projects, while 5 have been completed. Recent activities include the following:

- **Access Cover Replacement** – This project will replace deteriorated access covers along the CRA in order to protect the aqueduct from intrusion of soil and debris, and to prevent unauthorized access. The work involves replacement of 36 steel and concrete covers. Metropolitan’s Board awarded a construction contract in December 2009 and the Notice to Proceed was issued in January 2010. Construction is presently 6 percent complete and is scheduled to be completed by June 2011.
- **Desert Water Tank Access and Safety Improvements** – This project is required to improve access pathways to 15 water tanks at the CRA pumping plants, including fire, cooling and domestic water tanks which are located in steep terrain, high above each of the pumping plants. This construction work is being performed in conjunction with the Access Cover Replacement contract described above. Construction is presently 6 percent complete and is scheduled to be completed by June 2011.
- **Iron Mountain Expansion Joint Repair** – This project rehabilitated leaking joints on the three 10-foot diameter delivery lines at Iron Mountain Pumping Plant (Figure 5). Metropolitan’s Board awarded a construction contract in January 2010. Joint repair work was completed during the recent Colorado River Aqueduct shutdown from April 13 to May 1, 2010. All construction work was completed on May 21, 2010.

The program is on schedule to be completed in fiscal year 2013/14 and is within budget.



Figure 5: Left: Leaky expansion joint before repairs. Right: The same joint following completion of repairs.

Board Report (Engineering Services Key Activities for the Month of May 2010)

Infrastructure Reliability (cont.):

Jensen Water Treatment Plant Improvements Program: This program was initiated to maintain reliability and to improve operating efficiency of the Jensen plant through specific improvement projects. The program currently contains 23 active projects, while 9 have been completed. Recent activities include the following:

- Alum-to-Polymer Tank Conversion – Construction by Metropolitan forces is 2 percent complete and is scheduled to be completed by December 2010.
- Administration Building Seismic Upgrades – The project consists of installation of steel and concrete beams, steel cross bracing, seismic connections, electrical work, and asbestos abatement. Construction is 100 percent complete (Figure 6).
- Entrance Improvements – This project will improve access and security at the Jensen plant’s San Fernando Road and Balboa Street entrances. A value engineering (VE) study was completed which identified several cost saving opportunities to be incorporated into the project. Final design is now complete. However, construction of this project has been deferred in accordance with Metropolitan’s current Capital Investment Plan (CIP) prioritization criteria.
- Module No. 1 Filter Valve Replacement – The preliminary design report to replace 76 valves in Module No. 1 is complete. A VE study was completed which identified potential cost savings. As a result, a pilot project to refurbish one of the corroded valves is in progress and is scheduled to be completed in July 2010. The outcome of the pilot project will be used to develop a valve refurbishment specification applicable to valves at all of Metropolitan’s facilities including all five CRA pumping plants, all five treatment plants, and the conveyance and distribution system.
- Solids Handling Facility – This project will provide an on-site solids dewatering facility and lagoons. Preliminary design, preparation of environmental documentation, and geotechnical investigations are 60 percent complete and are scheduled to be completed by November 2010.
- Solids Thickener Capacity Increase – This project will construct two solids thickeners and a washwater recirculation pipeline, and will repair a leaking sedimentation basin. Construction is 100 percent complete.



Figure 6: Completed seismic upgrades at the Jensen Administration Building

Board Report (Engineering Services Key Activities for the Month of May 2010)

Infrastructure Reliability (cont.):

Skinner Water Treatment Plant Improvements Program: This program was initiated to maintain reliability and improve operating efficiency of the Skinner plant through specific improvement projects. The program currently contains 18 active projects, while 9 have been completed, one is being executed under the Skinner ORP construction contract, and two have been deferred. Recent activities include the following:

- **Electrical Buildings Upgrade** – Construction of this project will be divided into two phases:
 - Phase 1 – Replace deteriorated electrical equipment in twelve electrical buildings and upgrades the ground fault protection system in three electrical buildings to improve reliability
 - Phase 2 – Install air conditioning systems and insulation in twelve electrical buildings and seismically update two electrical buildings

The Phase 1 construction will be performed by Metropolitan forces; the work was authorized by the Board in December 2009. The bid opening for the Phase 1 electrical parts procurement contract is scheduled for late May 2010, while the bid opening for the Phase 2 construction contract is scheduled for early June 2010. Staff plans a July 2010 Board action to award the two contracts.
- **Ground Fault Protection Upgrade** – This project will upgrade the plant’s ground fault protection system to reduce the potential for plant shutdowns caused by electrical ground faults. The project is being executed in conjunction with the Electrical Buildings Upgrade Project.
- **Plant No. 2 Filter Surface Wash Valve and Actuator Replacement** – This project will replace the existing surface wash valves and actuators in Modules Nos. 4 through 6. The project will be executed in two phases. The initial phase, consisting of a performance evaluation, commenced in April 2009 and is scheduled to be completed in December 2010. Phase 2 will include the procurement of valves and actuators, based on the results of the performance evaluation, and their installation.
- **Modules Nos. 5 and 6 Filter Surface Wash Header Rehabilitation** – This project will recoat corroded filter surface wash water pipe headers, replace corroded pipe couplings, and install isolation valves at key locations in the filter surface wash systems. Construction by Metropolitan forces was authorized by Metropolitan’s Board in June 2009. The project is scheduled to be completed by December 2010.

Skinner Water Treatment Plant Improvements Program (cont.):

- Chemical Systems and Solids Collection Improvements - Two projects have been consolidated into one construction package to reduce costs and optimize project coordination.

Wastewater Reclamation Plant No. 2 Solids Removal Equipment – This project will replace worn-out chain and flight solids collection equipment and will add isolation valves on the solids removal pump manifolds at Wastewater Reclamation Plant No. 2 to enhance plant reliability and to reduce the frequency of repairs and basin shutdowns.

Chemical Systems Improvements – This project will: (1) replace damaged filter backwash sodium hypochlorite and polymer piping, and will add secondary containment for that piping at Plants Nos. 1 and 2; (2) add a concrete trench (secondary containment) at Modules Nos. 5 and 6, and relocate existing direct-buried sodium hypochlorite piping into the trench, to ensure compliance with environmental regulations; and (3) provide a new potable water pump with back-up power supply to supply chlorine solution water during a power outage, thereby improving the reliability of the chlorine disinfection system.

Construction is 50 percent complete and scheduled to be completed by November 2010.

The overall program is on schedule and within budget. The program is scheduled to be completed in fiscal year 2013/14.



Figure 7: Concrete chemical trench construction under the Skinner Chemical System Improvements project

Board Report (Engineering Services Key Activities for the Month of May 2010)

Water Quality:

Oxidation Retrofit Program: This program was established to add preozonation to provide disinfection, control tastes and odors, and reduce the level of disinfection by-products in the finished water at all five of Metropolitan's treatment plants. This program will enable Metropolitan to meet state and federal drinking water regulations. Recent activities include the following:

- Mills Plant – Contactors Nos. 3 and 4 are in full operation. Fabrication of additional ozone equipment is complete. Installation and testing of the additional ozone equipment is scheduled to be completed by September 2011.
- Jensen Plant – The plant's ozone system became fully operational in July 2005.
- Skinner Plant – The ozone equipment vendor has completed performance testing of the ozone equipment. Completion of all start-up and testing activities is scheduled to occur in July 2010.
- Diemer Plant – Construction of ozone facilities is 46 percent complete and is scheduled for completion in mid-2012 (Figure 8). At this time, the contractor is preparing for the project's second full plant shutdown, which is scheduled for the first quarter of 2011. The second full plant shutdown consists of energizing the new S.C. Edison 66kV substation, which will provide power for the ozonation facilities & the plant, and will improve plant power reliability.
- Weymouth Plant – The Weymouth ORP consists of multiple, staged construction contracts. In September 2009, the Board authorized completion of final design for the Weymouth ORP. Final design of the Generator Building, ozone contactors and chemical tank farms is 40 percent complete and is scheduled to be completed in early 2011. Construction of the ORP Switchgear (under the Weymouth Electrical Upgrades project) is 5 percent complete and is scheduled to be completed in June 2011. Construction of the Weymouth Inlet Conduit Relocation project, which is required to support the Weymouth ORP, is 24 percent complete and is scheduled to be completed in April 2011.



Figure 8: Diemer plant –Northwest view of solids clarifiers, Generator Building and Switchgear Building

Board Report (Engineering Services Key Activities for the Month of May 2010)

Regulatory:

Chlorine Containment and Handling Facilities: This program includes construction of facilities that handle and contain chlorine to prevent a chlorine leak and to comply with security and safety regulations; and other related facilities that handle chlorine to meet water treatment process requirements. Recent activities include the following:

- Water Treatment Plants – Chlorine containment facilities are operational at each of Metropolitan’s five treatment plants.
- Chemical Unloading Facility (CUF) – Preliminary design for a chlorine containment facility is 38 percent complete and is scheduled to be completed by December 2010. Construction of the dechlorination system is 95 percent complete and is scheduled to be completed by July 2010. Figure 9 shows current construction progress for the dechlorination system.
- Filter Outlet Chlorine Capacity Increase Projects – Final design is complete for the Mills and Skinner facilities. Final design of the Jensen facility is 95 percent complete and is scheduled to be completed by June 2010. Construction of the Skinner, Mills, and Jensen facilities is scheduled to be completed by June 2010, July 2010, and December 2011, respectively. Preliminary design of the Diemer and Weymouth projects is 50 percent complete and is scheduled to be completed by August 2010.

The program is on schedule to be completed in fiscal year 2015/16 and is within budget.



Figure 9: Construction progress of CUF Dechlorination System

Board Report (Engineering Services Key Activities for the Month of May 2010)

Stewardship:

CRA Property Recordation Program: This program was established to perform land survey work to accurately locate Metropolitan's property and to set boundaries that had not been updated in 75 years by setting visible boundary markers, identifying encroachments, and recording detailed maps with the local counties. In October 2003, the Board directed staff to complete the work within eight years, and prioritize activities to address the more critical areas early in the schedule (e.g., areas with encroachments, illegal dumping, trespassing, etc.). The Board also authorized four-year professional services agreements to assist with the work. Accomplishments to date include:

- A total of 375 external and internal task orders have been completed covering 135,000 acres, including all critical boundary maps, control surveys, structure locations, encroachment documentation, and purchase of title reports and title insurance. There are 180 task orders remaining covering approximately 3767 acres.
- Approximately 11,840 of 12,840 boundary markers and 22,420 of 24,420 parcel corners have been set or established to identify Metropolitan property corners.
- All 1260 Metropolitan transmission towers that serve the CRA (Figure 10) have been located and photographed
- A total of 440 possible land use issues were identified and documented. These issues include encroachments, lack of legal access, prohibited construction, unrecorded easements, etc. and are being reviewed by staff.
- Data and graphics for 7330 parcels (74 percent) have been updated and are available to staff through Metropolitan's geographic information systems.

The program is on schedule to be completed in fiscal year 2011/12 and is within budget.



Figure 10: Metropolitan transmission tower



**MONTHLY PROGRESS REPORT
OF CONSTRUCTION AND PROCUREMENT CONTRACTS
APRIL 2010**
(Progress Through April 25, 2010)

Summary of Progress		
	Construction	Related Procurement
Number of Contracts	25	4
Total Bid Amount of Contracts in Progress	\$ 508,825,217	\$ 29,972,250
Number of Contracts Awarded This Month	0	0
Total Bid Amount of Contracts Awarded This Month	\$ -	\$ -
Contract Gross Earnings This Month*	\$ 11,734,621	\$ -
<p><i>*Note: Earnings reflected in this report represent the value of the work performed by the contractor through the 25th day of the month. Earnings include contract retention and other similar deductions from amounts earned by the contractor but otherwise required to be withheld by Metropolitan by law or by contract. Further, payments are made in the month following the performance of the work. For these reasons, contract payments reflected in Metropolitan's financial system will be less than the earnings shown in this report until the final payment has been made to the contractor.</i></p>		

Contracts Awarded This Month

No contracts were awarded this month.

Contracts Completed This Month

Contract No. 1672, Lake Skinner East Bypass Screening Structure Rehabilitation, was completed on April 23, 2010, and the notice of completion was recorded on April 28, 2010.

Contract No. 1681, Robert A. Skinner Water Treatment Plant Finished Water Reservoir Floating Cover Replacement, was completed on April 1, 2010, and the notice of completion was recorded on April 7, 2010.

Summaries/Status of Contracts

The summaries/status of current construction and construction-related procurement contracts are provided on the following pages.

Summary of Construction Contracts (Page 1 of 2)

Cont. No.	Spec. No.	Feature	Contractor	Bid Amount	Earnings This Month	Earnings To Date	Net Extra Work To Date	Start Date	Contract Completion Date	Estimated Completion Date	Estimated Percent Complete
1609	1483	Robert A. Skinner Water Treatment Plant Oxidation Retrofit Program and Washwater Reclamation Plant No. 3	Shimmick Construction/Obayashi Corp., JV	\$ 184,650,000	\$ 26,488	\$ 205,850,658	\$ 14,318,758	7/28/05	9/8/09	6/10 ¹	99%
1660	1597	Air Release and Vacuum Valve Relocation for Treated Water Pipelines Construction Package No. 5	Zusser Company, Inc.	\$ 1,278,500	\$ -	\$ 1,235,819	\$ 23,041	6/20/08	7/30/09	5/10 ²	95%
1663	1608	Perris Valley Pipeline, South Reach	Oscar Renda Contracting, Inc.	\$ 22,300,000	\$ 240,335	\$ 12,551,676	\$ 61,475	9/4/08	4/10/10	10/10 ²	56%
1664	1574	F.E. Weymouth Water Treatment Plant Coagulant Tank Farm Modifications	Orion Construction Corp.	\$ 10,437,000	\$ 119,820	\$ 6,978,751	\$ 120,811	6/30/08	1/6/11	1/11	66%
1667	1500	Robert B. Diemer Water Treatment Plant Oxidation Retrofit Program	Shimmick Construction/Obayashi Corp. JV	\$ 188,080,588	\$ 4,900,060	\$ 92,695,870	\$ 46,005	8/15/08	6/13/12	6/12	49%
1672	1616	Lake Skinner East Bypass Screening Structure Rehabilitation	Gantry Constructors, Inc.	\$ 4,591,500	\$ 60,830	\$ 4,591,500	\$ -	9/17/08	4/23/10	4/10	100%
1673	1557	Joseph Jensen Water Treatment Plant Solids Thickeners 5 and 6	Brutoco Engineering & Construction, Inc.	\$ 5,499,000	\$ 9,400	\$ 5,924,262	\$ 426,062	10/28/08	4/28/10	5/10	99%
1677	1613	Joseph Jensen Water Treatment Plant Administration Building Seismic Upgrades	Brutoco Engineering & Construction, Inc.	\$ 1,535,000	\$ 47,600	\$ 1,728,700	\$ 216,000	5/7/09	4/6/10	5/10 ²	99%
1681	1594	Robert A. Skinner Water Treatment Plant Finished Water Reservoir Floating Cover Replacement	Layfield Environmental Systems Corporation	\$ 3,438,590	\$ 21,603	\$ 3,462,992	\$ 29,202	8/14/09	4/1/10	4/10	100%
1682	1633	F.E. Weymouth Water Treatment Plant Inlet Conduit Relocation and Rapid Mix Systems	J.R. Filanc Construction Company, Inc.	\$ 30,077,700	\$ 1,382,728	\$ 7,254,082	\$ -	9/14/09	5/25/11	5/11	24%
1683	1649	Robert A. Skinner Water Treatment Plant Chemical Systems and Solids Collection Improvements	Griffith Company	\$ 2,392,000	\$ 124,074	\$ 845,215	\$ -	9/11/09	11/23/10	11/10	35%
1687	1586B	Middle Feeder North Cathodic Protection	Corrpro Companies, Inc.	\$ 798,006	\$ 49,116	\$ 745,881	\$ 15,616	11/16/09	8/6/10	8/10	92%
1688	1629	Robert B. Diemer Water Treatment Plant North Access Road	Sukut Construction, Inc.	\$ 9,085,000	\$ 176,137	\$ 1,403,819	\$ 1,802	11/23/09	1/4/11	1/11	0%

¹ Contract substantially complete. Punch list work remains.

² Time extension pending.



Summary of Construction Contracts (Page 2 of 2)

Cont. No.	Spec. No.	Feature	Contractor	Bid Amount	Earnings This Month	Earnings To Date	Net Extra Work To Date	Start Date	Contract Completion Date	Estimated Completion Date	Estimated Percent Complete
1689	1628	F.E. Weymouth Water Treatment Plant Power System Upgrade	J.F. Shea Construction, Inc.	\$ 25,130,000	\$ 438,550	\$ 1,237,300	\$ -	12/24/09	6/19/12	6/12	5%
1690	1562	Colorado River Aqueduct Access Covers and Water Tank Improvements	PCL Construction, Inc.	\$ 4,792,162	\$ 8,292	\$ 270,542	\$ -	1/13/10	3/18/11	3/11	6%
1691	1657	Lake Skinner Outlet Conduit Repair	Hemet Mfg. Co., Inc. dba Genesis Const.	\$ 845,777	\$ 234,792	\$ 245,000	\$ -	1/15/10	7/2/10	7/10	29%
1692	1665	Iron Mountain Pumping Plant Delivery Pipe Expansion Joint Repair	Mehta Mechanical Company, Inc. dba MMC	\$ 177,000	\$ 130,818	\$ 142,818	\$ -	1/13/10	6/2/10	6/10	81%
1693	1652	F.E. Weymouth Water Treatment Plant Filter Rehabilitation Demonstration	ERS Industrial Services, Inc.	\$ 1,588,122	\$ 155,921	\$ 440,652	\$ -	2/4/10	7/23/10	7/10	28%
1694	1667A	Colorado River Aqueduct Pumping Plants 230 kV Line Reactors and 6.9 kV Switch Houses	Southern Contracting Company	\$ 5,181,000	\$ 2,583,842	\$ 3,242,600	\$ -	2/3/10	4/11/11	4/11	63%
1695	1599	Air Release and Vacuum Valve Relocation for Treated Water Pipelines Construction Package No. 7	Kaveh Engineering & Construction, Inc.	\$ 944,800	\$ 19,800	\$ 65,800	\$ -	3/4/10	2/15/11	2/11	7%
1696	1623	Air Release and Vacuum Valve Relocation for Treated Water Pipelines Construction Package No. 8	Abhe & Svoboda, Inc.	\$ 1,182,520	\$ 77,695	\$ 146,445	\$ -	3/3/10	2/14/11	2/11	12%
1697	1625	Air Release and Vacuum Valve Relocation for Treated Water Pipelines Construction Package No. 10	Mehta Mechanical Company, Inc. dba MMC	\$ 1,095,101	\$ 10,050	\$ 60,050	\$ -	3/5/10	2/16/11	2/11	5%
1698	1640	Weymouth Junction Structure Seismic Upgrades	J.F. Shea Construction, Inc.	\$ 2,429,481	\$ 150,000	\$ 150,000	\$ -	3/31/10	3/28/11	3/11	6%
1699	1668	Robert B. Diemer Water Treatment Plant East Washwater Tank Roof Refurbishment	Advanced Industrial Services, Inc.	\$ 485,500	\$ -	\$ -	\$ -	4/13/10	9/16/10	9/10	0%
1700	1676	Calabasas Feeder Carbon Fiber Lining Repair	Slater Waterproofing, Inc.	\$ 810,870	\$ 766,670	\$ 805,870	\$ -	3/19/10	7/12/10	7/10	99%
Total Value of Construction Contracts in Progress				\$ 508,825,217	\$ 11,734,621	\$ 352,076,302	\$ 15,258,772				




Summary of Construction and Procurement Contracts Completed This Month Pending Final Payment


Cont. No.	Spec. No.	Feature	Contractor	Bid Amount	Estimated Final Earnings	Estimated Total Net Value of Extra Work	Date Work Accepted	Date Notice of Completion Recorded	Date Final Payment Due
1672	1616	Lake Skinner East Bypass Screening Structure Rehabilitation	Gantry Constructors, Inc.	\$ 4,591,500	\$ 4,611,500	\$ 20,000	4/23/10	4/28/10	6/22/10
1681	1594	Robert A. Skinner Water Treatment Plant Finished Water Reservoir Floating Cover Replacement	Layfield Environmental Systems Corporation	\$ 3,438,590	\$ 3,462,992 *	\$ 29,202	4/1/10	4/7/10	5/31/10

*Combination of extra work and bid quantity variations caused the difference between bid amount and estimated final earnings.

Summary of Procurement Contracts

Cont. No.	Spec. No.	Feature	Contractor	Bid Amount	Earnings This Month	Earnings to Date	Starting Date	Delivery Date	
1582	1480	Oxygen/Ozone System Equipment for the Robert A. Skinner Water Treatment Plant Oxidation Retrofit Program	Ozonía North America	\$ 8,409,000	\$ -	\$ 8,457,252	6/22/04	6/26/10	Payments on this contract are made quarterly
1622	1515A	Oxygen/Ozone System Equipment for the Robert B. Diemer and F. E. Weymouth Water Treatment Plants Oxidation Retrofit Program	Ozonía North America	\$ 15,733,300	\$ -	\$ 11,618,600	2/2/06	6/3/10	Payments on this contract are made quarterly
1655	1604	Henry J. Mills Water Treatment Plant Ozone System Reliability Upgrade Equipment	Ozonía North America	\$ 3,403,950	\$ -	\$ 2,062,328	1/17/08	1/29/11	Payments on this contract are made quarterly
1680	1591	Furnishing Three Large-Diameter Butterfly Valves	Sojitz Corporation of America	\$ 2,426,000	\$ -	\$ -	8/17/09	8/8/11	
Total Value of Procurement Contracts In Progress				\$ 29,972,250	\$ -	\$ 22,138,180			

Contract No. 1609 Specifications No. 1483 Contractor: Shimmick Construction/Obayashi Corp., JV	Robert A. Skinner Water Treatment Plant Oxidation Retrofit Program and Washwater Reclamation Plant No. 3
Scope: The project consists of construction of buildings and water treatment structures, washwater reclamation plant, chemical and liquid oxygen facilities, cooling water pump station, power substation, switchgear building, and associated work.	
At a Glance: Estimated Percent Complete 99% Percent Extra Work 7.8% Estimated Completion Date June 2010	
Details: Bid Amount \$184,650,000 Earnings To Date \$205,850,658 Net Extra Work To Date \$14,318,758 Earnings This Month \$26,488 Net Extra Work This Month \$0 Contract Start 7/28/05 Duration in Working Days 865 Contract Completion 9/8/09 *	
Delivery of liquid oxygen at new LOX tank farm	

Contract No. 1660 Specifications No. 1597 Contractor: Zusser Company, Inc.	Air Release and Vacuum Valve Relocation for Treated Water Pipelines Construction Package No. 5
Scope: The project consists of removal of existing subsurface vacuum and air release valves; abatement of lead and asbestos-containing material inside subsurface vaults; and modification and extension of piping system for installation of new vacuum and air release valves at above-ground locations within the cities of Burbank, San Fernando, and the communities of Chatsworth, Granada Hills, Mission Hills, Pacoima, Sherman Oaks, Sun Valley, and Van Nuys within the City of Los Angeles.	
At a Glance: Estimated Percent Complete 95% Percent Extra Work 1.8% Estimated Completion Date May 2010	
Details: Bid Amount \$1,278,500 Earnings To Date \$1,235,819 Net Extra Work To Date \$23,041 Earnings This Month \$0 Net Extra Work This Month \$0 Contract Start 6/20/08 Duration in Working Days 240 Contract Completion 7/30/09 **	
Relocated air release and vacuum valve located in Granada Hills	

* Contract substantially complete. Punch list work remains.

** Time extension pending.

Contract No. 1663
 Specifications No. 1608
 Contractor: Oscar Renda Contracting, Inc.

Perris Valley Pipeline South Reach

Scope:
 The project consists of constructing approximately 4 miles of 97-inch diameter fabricated steel pipeline with Service Connections EM-24 and WR-35.



At a Glance:
 Estimated Percent Complete **56%**
 Percent Extra Work **0.28%**
 Estimated Completion Date **October 2010**

Details:
 Bid Amount **\$22,300,000**
 Earnings To Date **\$12,551,676**
 Net Extra Work To Date **\$61,475**
 Earnings This Month **\$240,335**
 Net Extra Work This Month (Credit) **\$0**
 Contract Start **9/4/08**
 Duration in Working Days **340**
 Contract Completion **4/10/10 ***

Concrete encasement of 97-inch pipe

Contract No. 1664
 Specifications No. 1574
 Contractor: Orion Construction Corp.

**F.E. Weymouth Water Treatment Plant
 Coagulant Tank Farm Modifications**

Scope:
 The project consists of retrofitting the existing alum/ferric storage and feed facilities, installation of a new roof canopy over the existing coagulant tank farm, construction of modifications to the alum/ferric tank farm, installation of a new polymer tank farm, demolition and removal of the existing storage building, carbon tank facility, and mechanical maintenance shop (Building No. 6), and an underground storage tank.





At a Glance:
 Estimated Percent Complete **66%**
 Percent Extra Work **1.2%**
 Estimated Completion Date **January 2011**

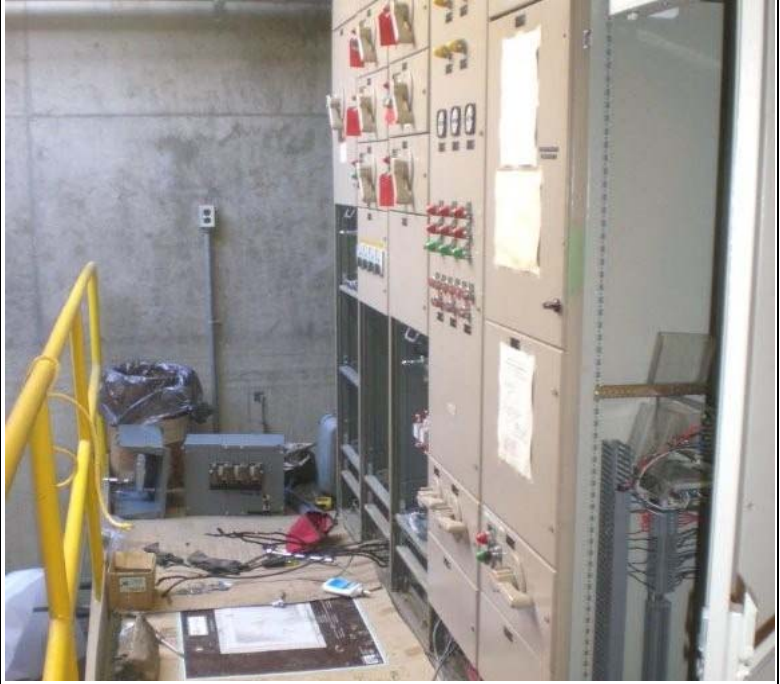
Details:
 Bid Amount **\$10,437,000**
 Earnings To Date **\$6,978,751**
 Net Extra Work To Date **\$120,811**
 Earnings This Month **\$119,820**
 Net Extra Work This Month **\$0**
 Contract Start **6/30/08**
 Duration in Working Days **595**
 Contract Completion **1/6/11**


Placement of reinforcing steel

* Time extension pending.


Contract No. 1667 Specifications No. 1500 Contractor: Shimmick Construction/Obayashi Corp. JV	Robert B. Diemer Water Treatment Plant Oxidation Retrofit Program
Scope: The project consists of constructing an ozone generation building, ozone contactors, contactor inlet and outlet conduits, an underground contactor rejection tunnel, liquid oxygen (LOX) storage and feed system, chemical feed facilities, unit substation, switchgear building, emergency generator building, and large diameter yard conduits and piping.	
At a Glance: Estimated Percent Complete 49% Percent Extra Work 0.02% Estimated Completion Date June 2012	
Details: Bid Amount \$188,080,588 Earnings To Date \$92,695,870 Net Extra Work To Date \$46,005 Earnings This Month \$4,900,060 Net Extra Work This Month \$0 Contract Start 8/15/08 Duration in Working Days 950 Contract Completion 6/13/12	Ozone Generation Building


Contract No. 1672 Specifications No. 1616 Contractor: Gantry Constructors, Inc.	Lake Skinner East Bypass Screening Structure Rehabilitation
Scope: The project consists of removing and disposing of the existing two inoperative screens; designing, furnishing, and installing three new dual flow rotating screens, four trash racks, and one slide gate; refurbishing existing algae removal facilities; and removing and replacing the existing emergency generator and fuel tanks.	
At a Glance: Percent Complete 100% Percent Extra Work 0.00% Completion Date April 2010	
Details: Bid Amount \$4,591,500 Earnings To Date \$4,591,500 Net Extra Work To Date \$0 Earnings This Month \$60,830 Net Extra Work This Month \$0 Estimated Contract Start 9/17/08 Duration in Working Days 260 Actual Contract Completion 4/23/10	New emergency generator

Contract No.	1673	Joseph Jensen Water Treatment Plant Solids Thickeners 5 and 6
Specifications No.	1557	
Contractor:	Brutoco Engineering & Construction, Inc.	
Scope: The project consists of constructing two gravity solids thickeners and a sludge vault; replacing three centrifugal pumps, two rotary lobe pumps, and two sludge scraper rake gearboxes; adding one rotary lobe pump; installing four annular feed rings on four existing gravity solids thickeners; reconfiguring piping systems; and performing sitework. The work also includes removal of PCB-containing joint sealants and PCB-contaminated concrete, construction and expansion joint cleaning and preparation, sealant placement in construction and expansion joints, and replacement of wood boards in Sedimentation Basin No. 3.		
At a Glance:		
Estimated Percent Complete	99%	
Percent Extra Work	7.7%	
Estimated Completion Date	May 2010	
Details:		
Bid Amount	\$5,499,000	
Earnings To Date	\$5,924,262	
Net Extra Work To Date	\$426,062	
Earnings This Month	\$9,400	
Net Extra Work This Month	\$0	
Contract Start	10/28/08	
Duration in Working Days	340	
Contract Completion	4/28/10	
		Modifications to motor control center


Contract No.	1677	Joseph Jensen Water Treatment Plant Administration Building Seismic Upgrades
Specifications No.	1613	
Contractor:	Brutoco Engineering & Construction, Inc.	
Scope: The project consists of seismic upgrade of the Joseph Jensen Water Treatment Plant Administration Building including fabrication and installation of structural steel and concrete beams, cross bracing, connections, electrical work, asbestos abatement, and other related work.		
At a Glance:		
Estimated Percent Complete	99%	
Percent Extra Work	14.1%	
Estimated Completion Date	May 2010	
Details:		
Bid Amount	\$1,535,000	
Earnings To Date	\$1,728,700	
Net Extra Work To Date	\$216,000	
Earnings This Month	\$47,600	
Net Extra Work This Month	\$0	
Contract Start	5/7/09	
Duration in Working Days	210	
Contract Completion	4/6/10 *	
		Installation of ceramic tile at entrance court

* Time extension pending.


Contract No. 1681 Specifications No. 1594 Contractor: Layfield Environmental Systems Corporation	Robert A. Skinner Water Treatment Plant Finished Water Reservoir Floating Cover Replacement	
Scope: The project consists of removing and replacing existing Hypalon floating cover, adding rain water removal pumps, modifying existing electrical system, and installing drain pipes.		
At a Glance: Percent Complete 100% Percent Extra Work 0.85% Completion Date April 2010		
Details: Bid Amount \$3,438,590 Earnings To Date \$3,462,992 Net Extra Work To Date \$29,202 Earnings This Month \$21,603 Net Extra Work This Month \$19,599 Contract Start 8/14/09 Duration in Working Days 180 Actual Contract Completion 4/1/10		
		Completed reservoir cover


Contract No. 1682 Specifications No. 1633 Contractor: J.R. Filanc Construction Company, Inc.	F.E. Weymouth Water Treatment Plant Inlet Conduit Relocation and Rapid Mix Systems	
Scope: The project consists of construction of a concrete box conduit connection from the Upper Feeder to the existing basin inlet channel and new rapid mix facilities; relocation of return washwater piping and sulfuric acid feeds; modifications to existing chlorine injection facilities; installation of pumps; construction of yard piping, chemical trenches, electrical ductbanks, and piping connection; grading and fencing for an SCE switchyard.		
At a Glance: Estimated Percent Complete 24% Percent Extra Work 0.00% Estimated Completion Date May 2011		
Details: Bid Amount \$30,077,700 Earnings To Date \$7,254,082 Net Extra Work To Date \$0 Earnings This Month \$1,382,728 Net Extra Work This Month \$0 Contract Start 9/14/09 Duration in Working Days 400 Contract Completion 5/25/11		
		Installation of 24-inch storm drain


Contract No.	1683
Specifications No.	1649
Contractor:	Griffith Company
Scope:	
The project consists of removing and replacing the sodium hypochlorite and polymer feed piping to the filter backwash system and constructing secondary containment for the chemical feed piping at Modules 1 through 6, adding chemical piping trenches at Modules 5 and 6, furnishing and installing a new potable water pump, relocating a Metropolitan-furnished standby generator, constructing a concrete pad and canopy for the generator; and removing and replacing the chain-and-flight solids removal equipment and adding isolation valves on the solids manifold at Washwater Reclamation Plant No. 2.	
At a Glance:	
Estimated Percent Complete	35%
Percent Extra Work	0.00%
Estimated Completion Date	November 2010
Details:	
Bid Amount	\$2,392,000
Earnings To Date	\$845,215
Net Extra Work To Date	\$0
Earnings This Month	\$124,074
Net Extra Work This Month	\$0
Contract Start	9/11/09
Duration in Working Days	300
Contract Completion	11/23/10


<p>Robert A. Skinner Water Treatment Plant Chemical Systems and Solids Collection Improvements</p>

<p>Application of base paint coating to containment piping</p>


Contract No.	1687
Specifications No.	1586B
Contractor:	Corrpro Companies, Inc.
Scope:	
The project consists of installing cathodic protection systems at various locations on the 21-mile long, 72-inch-diameter mortar-coated welded-steel pipeline; including installation of test leads and bond wires at an existing buried insulating joint, installation of cathodic protection systems at eight locations, and four new electrical services per SCE plot plans.	
At a Glance:	
Estimated Percent Complete	92%
Percent Extra Work	2.0%
Estimated Completion Date	August 2010
Details:	
Bid Amount	\$798,006
Earnings To Date	\$745,881
Net Extra Work To Date	\$15,616
Earnings This Month	\$49,116
Net Extra Work This Month	\$15,616
Contract Start	11/16/09
Duration in Working Days	180
Contract Completion	8/6/10


<p>Middle Feeder North Cathodic Protection</p>

<p>Installation of AC conduit to SCE power vault located in San Dimas</p>


Contract No. 1688 Specifications No. 1629 Contractor: Sukut Construction, Inc.	Robert B. Diemer Water Treatment Plant North Access Road
Scope: The project consists of earthwork, retaining walls, storm drain system, bridge system, road construction, lighting, security, railings, and erosion control.	
At a Glance: Estimated Percent Complete 15% Percent Extra Work 0.02% Estimated Completion Date January 2011	
Details: Bid Amount \$9,085,000 Earnings To Date \$1,403,819 Net Extra Work To Date \$1,802 Earnings This Month \$176,137 Net Extra Work This Month \$1,802 Contract Start 11/23/09 Duration in Working Days 260 Contract Completion 1/4/11	Preparation of subgrade for cast-in-place concrete retaining wall


Contract No. 1689 Specifications No. 1628 Contractor: J.F. Shea Construction, Inc.	F.E. Weymouth Water Treatment Plant Power System Upgrade
Scope: The project consists of construction of two buildings containing electrical switchgear equipment, yard conduits and piping, several unit substations, several motor control centers, and modification of plant utilities.	
At a Glance: Estimated Percent Complete 5% Percent Extra Work 0.00% Estimated Completion Date June 2012	
Details: Bid Amount \$25,130,000 Earnings To Date \$1,237,300 Net Extra Work To Date \$0 Earnings This Month \$438,550 Net Extra Work This Month \$0 Contract Start 12/24/09 Duration in Working Days 625 Contract Completion 6/19/12	Concrete formwork for main switchgear building


Contract No. 1690 Specifications No. 1562 Contractor: PCL Construction, Inc.	Colorado River Aqueduct Access Covers and Water Tank Improvements
Scope: The project consists of removal and disposal of existing steel plate access covers and metal support beams; replacement of covers with new steel and concrete covers; repair of one manhole structure; improvement of access to the water tanks including new concrete pathways, stairways, platforms, hatch covers, lighting, ladders and safety cages, guardrail, and grading.	
At a Glance: Estimated Percent Complete 6% Percent Extra Work 0.00% Estimated Completion Date March 2011	
Details: Bid Amount \$4,792,162 Earnings To Date \$270,542 Net Extra Work To Date \$0 Earnings This Month \$8,292 Net Extra Work This Month \$0 Contract Start 1/13/10 Duration in Working Days 300 Contract Completion 3/18/11	Placement of sandbags for forming fire water tank stair footing at Eagle Mountain Pumping Plant


Contract No. 1691 Specifications No. 1657 Contractor: Hemet Mfg. Co., Inc. dba Genesis Const.	Lake Skinner Outlet Conduit Repair
Scope: The project consists of repairs on the existing 162-inch-diameter pre-stressed concrete cylinder pipe sections approximately 31' and 16' long. The distressed pipe segments will be repaired using a combination of steel lining and replacement of segments: this includes excavating, saw cutting and removing a portion of the existing pipeline, and inserting steel liners.	
At a Glance: Estimated Percent Complete 29% Percent Extra Work 0.00% Estimated Completion Date July 2010	
Details: Bid Amount \$845,777 Earnings To Date \$245,000 Net Extra Work To Date \$0 Earnings This Month \$234,792 Net Extra Work This Month \$0 Contract Start 1/15/10 Duration in Working Days 120 Contract Completion 7/2/10	Pipe repair section


Contract No.	1692	Iron Mountain Pumping Plant Delivery Pipe Expansion Joint Repair
Specifications No.	1665	
Contractor:	Mehta Mechanical Company, Inc. dba MMC	
Scope: The project consists of rehabilitation of five mechanical expansion joints in the 10-foot-diameter Delivery Lines 1, 2, and 3, which includes disassembly, unpacking, blast cleaning, recoating, repacking, and reassembly of the expansion joints.		
At a Glance:		
Estimated Percent Complete	81%	
Percent Extra Work	0.00%	
Estimated Completion Date	June 2010	
Details:		
Bid Amount	\$177,000	
Earnings To Date	\$142,818	
Net Extra Work To Date	\$0	
Earnings This Month	\$130,818	
Net Extra Work This Month	\$0	
Contract Start	1/13/10	
Duration in Working Days	100	
Contract Completion	6/2/10	
		Corrosion to be removed from expansion joint on Delivery Line 3


Contract No.	1693	F.E. Weymouth Water Treatment Plant Filter Rehabilitation Demonstration
Specifications No.	1652	
Contractor:	ERS Industrial Services, Inc.	
Scope: The project consists of demolition and removal of various components in 4 existing filters; repair of existing filter beds; reconstruction of the filter beds with different combination of new surface wash piping, underdrains, troughs, and filter media. Each of the 4 rehabilitated filters will have a unique configuration for demonstration testing purpose.		
At a Glance:		
Estimated Percent Complete	28%	
Percent Extra Work	0.00%	
Estimated Completion Date	July 2010	
Details:		
Bid Amount	\$1,588,122	
Earnings To Date	\$440,652	
Net Extra Work To Date	\$0	
Earnings This Month	\$155,921	
Net Extra Work This Month	\$0	
Contract Start	2/4/10	
Duration in Working Days	120	
Contract Completion	7/23/10	
		Media removal


Contract No. 1694 Specifications No. 1667A Contractor: Southern Contracting Company	Colorado River Aqueduct Pumping Plants 230 kV Line Reactors and 6.9 kV Switch Houses
Scope: The project consists of installation of Metropolitan-furnished 230 kV current-limiting line reactors and 230 kV transient recovery voltage capacitors, 6 each at Gene, Eagle Mountain, and Julian Hinds Pumping Plants; upgrades to the 6.9 kV switch houses at all 5 CRA pumping plants.	
At a Glance: Estimated Percent Complete 63% Percent Extra Work 0.00% Estimated Completion Date April 2011	
Details: Bid Amount \$5,181,000 Earnings To Date \$3,242,600 Net Extra Work To Date \$0 Earnings This Month \$2,583,842 Net Extra Work This Month \$0 Contract Start 2/3/10 Duration in Working Days 300 Contract Completion 4/11/11	
Installation of insulator on 230 kV line at Eagle Mountain Pumping Plant	


Contract No. 1695 Specifications No. 1599 Contractor: Kaveh Engineering & Construction, Inc.	Air Release and Vacuum Valve Relocation for Treated Water Pipelines Construction Package No. 7
Scope: The project consists of removal of existing subsurface vacuum and air release valves; abatement of asbestos-containing material inside subsurface vaults; and modification and extension of piping system for installation of new vacuum and air release valves at above-ground locations within Orange, Riverside, and San Diego Counties.	
At a Glance: Estimated Percent Complete 7% Percent Extra Work 0.00% Estimated Completion Date February 2011	
Details: Bid Amount \$944,800 Earnings To Date \$65,800 Net Extra Work To Date \$0 Earnings This Month \$19,800 Net Extra Work This Month \$0 Contract Start 3/4/10 Duration in Working Days 240 Contract Completion 2/15/11	
Existing site located in Santa Ana	

Contract No. 1696 Specifications No. 1623 Contractor: Abhe & Svoboda, Inc.	Air Release and Vacuum Valve Relocation for Treated Water Pipelines Construction Package No. 8
Scope: The project consists of removal of existing subsurface vacuum and air release valves; abatement of asbestos-containing material inside subsurface vaults; and modification and extension of piping system for installation of new vacuum and air release valves at above-ground locations within North Orange County.	
At a Glance: Estimated Percent Complete 12% Percent Extra Work 0.00% Estimated Completion Date February 2011	
Details: Bid Amount \$1,182,520 Earnings To Date \$146,445 Net Extra Work To Date \$0 Earnings This Month \$77,695 Net Extra Work This Month \$0 Contract Start 3/3/10 Duration in Working Days 240 Contract Completion 2/14/11	
Existing site located in Anaheim	

Contract No. 1697 Specifications No. 1625 Contractor: Mehta Mechanical Company, Inc. dba MMC	Air Release and Vacuum Valve Relocation for Treated Water Pipelines Construction Package No. 10
Scope: The project consists of removal of existing subsurface vacuum and air release valves; abatement of asbestos-containing material inside subsurface vaults; and modification and extension of piping system for installation of new vacuum and air release valves at above-ground locations within South Los Angeles and North Orange Counties.	
At a Glance: Estimated Percent Complete 5% Percent Extra Work 0.00% Estimated Completion Date February 2011	
Details: Bid Amount \$1,095,101 Earnings To Date \$60,050 Net Extra Work To Date \$0 Earnings This Month \$10,050 Net Extra Work This Month \$0 Contract Start 3/5/10 Duration in Working Days 240 Contract Completion 2/16/11	
Existing site located in Gardena	

Contract No. 1698 Specifications No. 1640 Contractor: J.F. Shea Construction, Inc.	Weymouth Junction Structure Seismic Upgrades
Scope: The project consists of increasing the thicknesses of the existing Junction Structure's inner and outer walls; extending the existing foundation footing; infilling two existing gates with concrete; removing two slide gates, actuators, motors, and shafts; removing and replacing the existing under drain system and the existing 108-inch and 120-inch butterfly valves; and relocating the existing electrical duct bank.	
At a Glance: Estimated Percent Complete 6% Percent Extra Work 0.00% Estimated Completion Date March 2011	
Details: Bid Amount \$2,429,481 Earnings To Date \$150,000 Net Extra Work To Date \$0 Earnings This Month \$150,000 Net Extra Work This Month \$0 Contract Start 3/31/10 Duration in Working Days 250 Contract Completion 3/28/11	
Existing Junction Structure	

Contract No. 1699 Specifications No. 1668 Contractor: Advanced Industrial Services, Inc.	Robert B. Diemer Water Treatment Plant East Washwater Tank Roof Refurbishment
Scope: The project consists of abrasive blasting and recoating of the exterior stairway to the top of the tank, exterior and interior roof, steel trusses, beams, hatch cover, vent structure, miscellaneous areas of the exterior tank wall, and the top 8 feet of the interior tank wall; and performing minor structural repairs to the roof plate.	
At a Glance: Estimated Percent Complete 0% Percent Extra Work 0.00% Estimated Completion Date September 2010	
Details: Bid Amount \$485,500 Earnings To Date \$0 Net Extra Work To Date \$0 Earnings This Month \$0 Net Extra Work This Month \$0 Contract Start 4/13/10 Duration in Working Days 110 Contract Completion 9/16/10	
Vent structure to be refurbished	

Contract No. 1700 Specifications No. 1676 Contractor: Slater Waterproofing, Inc.	Calabasas Feeder Carbon Fiber Lining Repair
Scope: The project consists of applying layers of carbon fiber reinforced polymer liner to the interior surface of the Calabasas Feeder on eight pipe sections, and performing maintenance on the nine sections of existing carbon fiber reinforced polymer liner by sealing the ends of the existing repairs and adding additional carbon fiber polymer liner.	
At a Glance: Estimated Percent Complete 99% Percent Extra Work 0.00% Estimated Completion Date July 2010	
Details: Bid Amount \$810,870 Earnings To Date \$805,870 Net Extra Work To Date \$0 Earnings This Month \$766,670 Net Extra Work This Month \$0 Contract Start 3/19/10 Duration in Working Days 80 Contract Completion 7/12/10	