



THE CITY OF SAN DIEGO

M E M O R A N D U M

DATE: November 5, 2013

TO: Independent Rates Oversight Committee (IROC)

FROM: Darren Greenhalgh, Deputy Director, Public Works-Engineering Department
Guann Hwang, Deputy Director, Public Utilities Department

SUBJECT: FY2014 Capital Improvement Projects (CIP) – 1st Quarter

The Public Works-Engineering and Public Utilities Departments hereby submit the FY2014 CIP updates for the period of July 1 to September 30, 2013.

This quarterly report includes dashboard information, project highlights, CIP process improvement, project change orders, Forecast and Actual Expenditures Report, and crosswalk between FY12 IROC Report Baseline and FY14-15 COSS Baseline.

DASHBOARD INFORMATION

PROGRAM HIGHLIGHTS (Water and Wastewater)

✓ New Projects	14 Projects, \$63 Million
✓ Completed Preliminary Engineering	6 Projects, \$21 Million
✓ Completed 100% Design	9 Projects, \$15 Million
✓ Awarded Construction Contracts	7 Contracts, \$35 Million
✓ Completed Construction Contracts	13 Contracts, \$46 Million

Note: It is possible for project(s) to complete more than one phase listed above, and therefore be listed multiple times.

CIP PROJECT HIGHLIGHTS

Water Group Job 941

This project replaced portions of existing cast iron water main serving the community of City Heights. The existing main was originally installed in 1954 and was nearing the end of its service life. The project will reduce maintenance requirements, improved service reliability, and upgraded the system to modern standards.

Water Group Job 941 replaced approximately 0.46 miles of existing cast iron water mains with 12-inch polyvinyl chloride (PVC) pipes. The replacement was on Ridge View Drive between Laurel Street and Euclid Avenue.

Construction started in February 2011 and was completed at the end of August 2013.

The total project cost was approximately \$725,000.



Installation of 12-inch water mains on Ridge View Drive.

Palm Avenue Emergency Meter Cast Iron Replacement

This project replaced all the cast iron piping within the Palm Avenue pressure reducing station and upgraded it with new flow meters, telemetry capability, pressure reducer, valves and ductile iron piping.

The existing pressure regulating station serves as the feed for the immediate area and is the connection to California American Water, which purchases water from the City of San Diego. The cast iron connections to the pressure regulating station recently failed and required replacement to avoid another main break and roadway damage to Palm Avenue. In addition, the new flow meter will better serve the needs of both water operations and the billing office by having telemetry capability.

Construction began in March 2013 and was completed in October 2013.

The total project cost was approximately \$686,452.



Palm Avenue Pressure Regulating Vault

Water Group Job 907 Cast Iron

This project replaced 0.25 miles of existing cast iron water mains installed in the 1950s and brought the existing water mains up to current city standards, increased reliability, and minimized future water main breaks.

Construction started in December 2011 and was completed in July 2013.

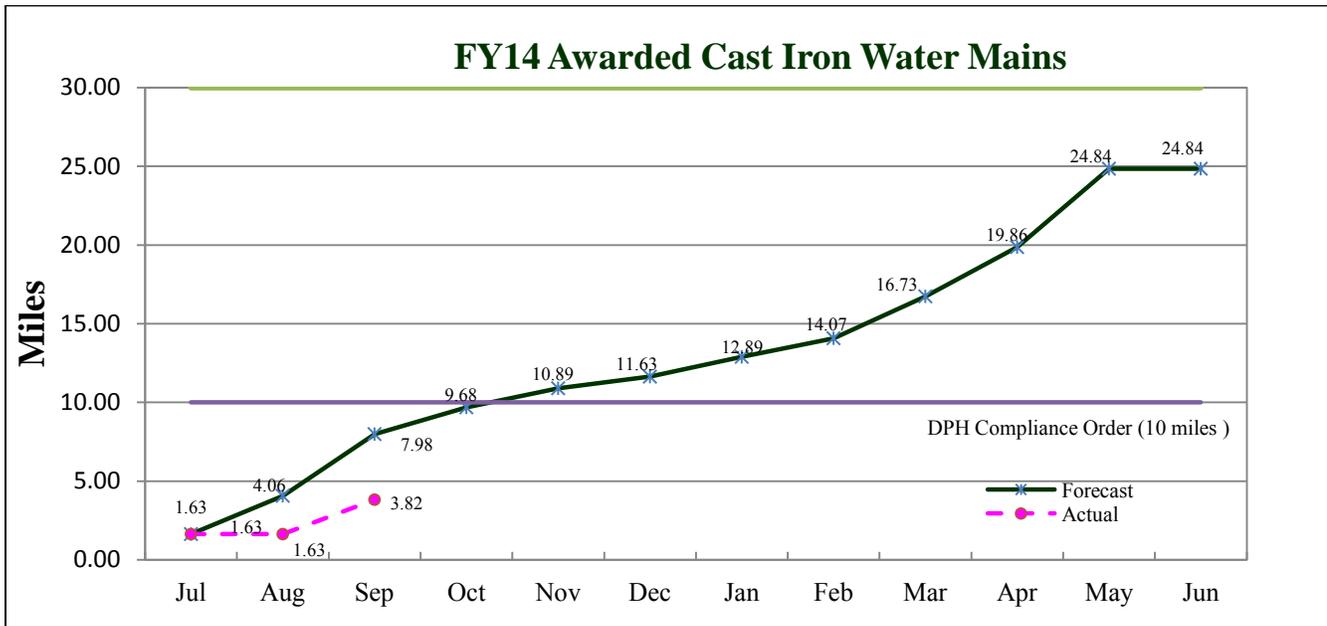
The total project cost was approximately \$612,610.



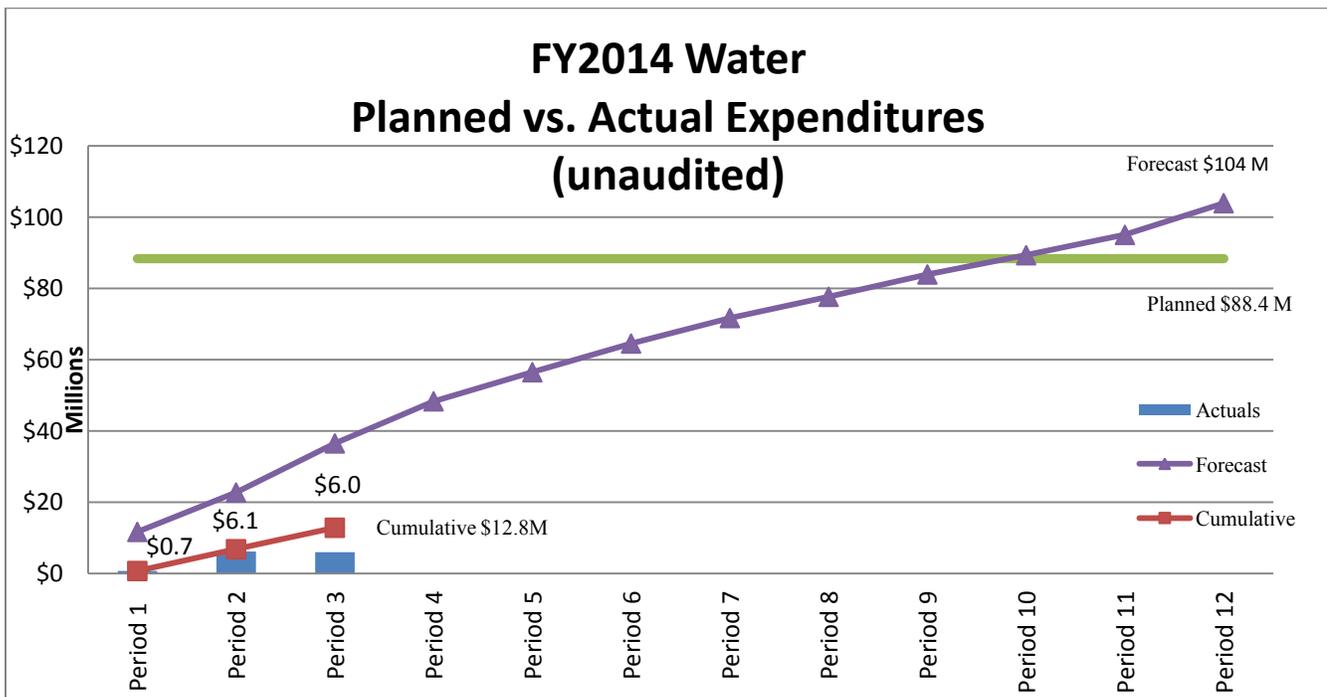
New PVC water mains replaced cast iron water mains which were put into service in the 1950s.

WATER REGULATORY PROJECT UPDATES

The Department of Public Health (DPH) compliance order requires awarding ten (10) miles of Cast Iron (CI) main replacement per fiscal year. As of September 30, 2013, a total of 3.93 water miles have been awarded and 5.75 miles are complete. Of the awarded miles, 3.82 miles are CI mains.



WATER PLANNED vs. ACTUAL EXPENDITURES



WASTEWATER CIP PROJECT HIGHLIGHTS

MBC Biosolids Storage Silos

The Biosolids Storage Silos are located in a building within the Metro Biosolids Center (MBC), a regional biosolids processing facility located adjacent to the City's Miramar Landfill in Kearny Mesa. The mechanical equipment associated with the storage silos and truck loading operations is over 10 years old and has a typical useful life of 10-15 years.

This project is needed to provide adequate storage capacity while retrofitting the existing biosolids storage silos and all of the associated mechanical equipment and piping.

The notice to proceed for construction was issued on July 16, 2013 and the end of construction is estimated to be in January 2015.

The total project cost is approximately \$9,047,838.



Two Existing Biosolids Storage Silos and associated equipment in Area 86 at the MBC.

Sewer Pump Station 13 Improvements

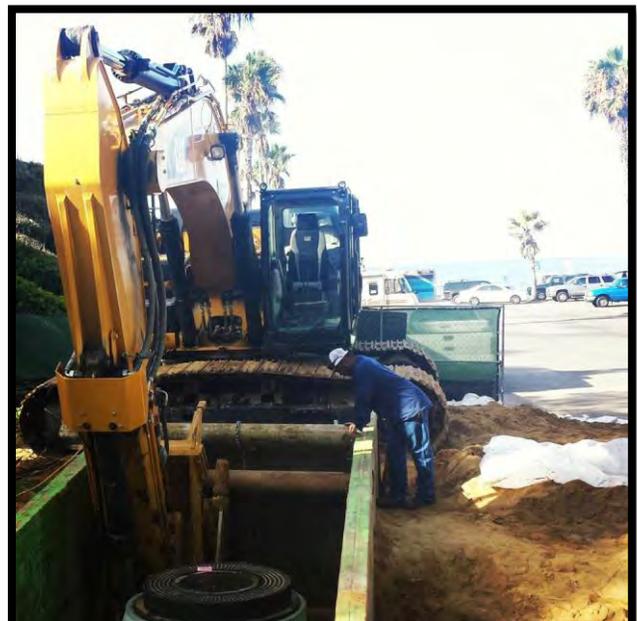
The pump station is located in the community of Pacific Beach and was originally built in the 1960's. This contract provides for wet well modifications, including extension of walls and relining work, and the demolition and replacement of existing pumps with new 10 horsepower dry pit solids handling pumps.

The work includes:

- The removal and replacement of existing suction and discharge piping and valves
- Partial demolition and redesign of the pump station roof
- Installation of a new access hatch, valve rod access boxes and new ventilation system
- New electrical instrument controls to make the systems complete and functional

Construction is anticipated to be completed by September 2014.

The total project cost is approximately \$975,500.



Construction workers replace a manhole as part of the Sewer Pump Station 13 Improvements.

Water & Sewer Group 929

This project is located within the Uptown and Southeastern Communities in Council District 2. It replaced approximately 1.62 miles of existing cast iron pipe by open trench construction, 0.07 miles of existing asbestos cement water mains, and 0.4 miles of vitrified clay sewer mains with polyvinyl chloride (PVC) pipes. All the pipes were replaced in place in the right-of-way. Also included was the construction of curb ramps and street resurfacing.

This project improved the system by bringing it to current standards, increasing the pipe diameters and implementing better design and quality of pipe materials. These improvements will help increase water services reliability, minimize future water main breaks and/or possible sewer leakage.

The construction started in June 2012 and was completed in June 2013.

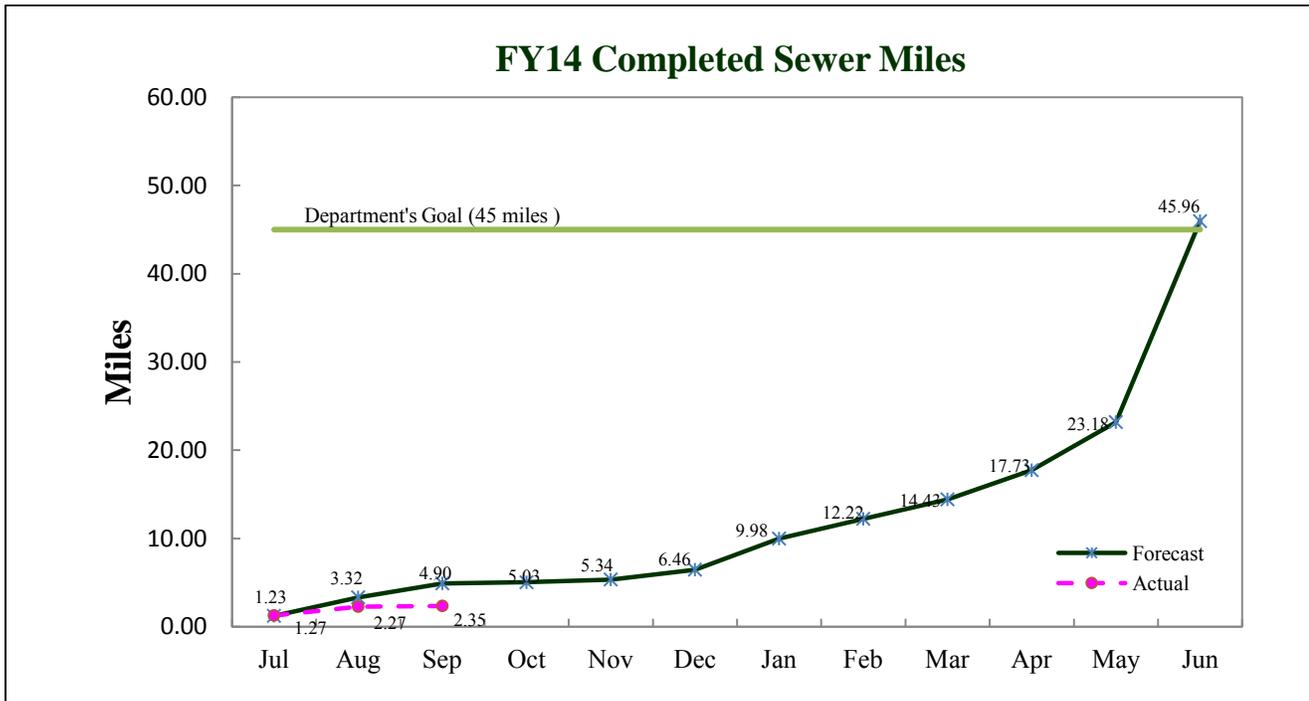
The total project cost is approximately \$4.4 million.



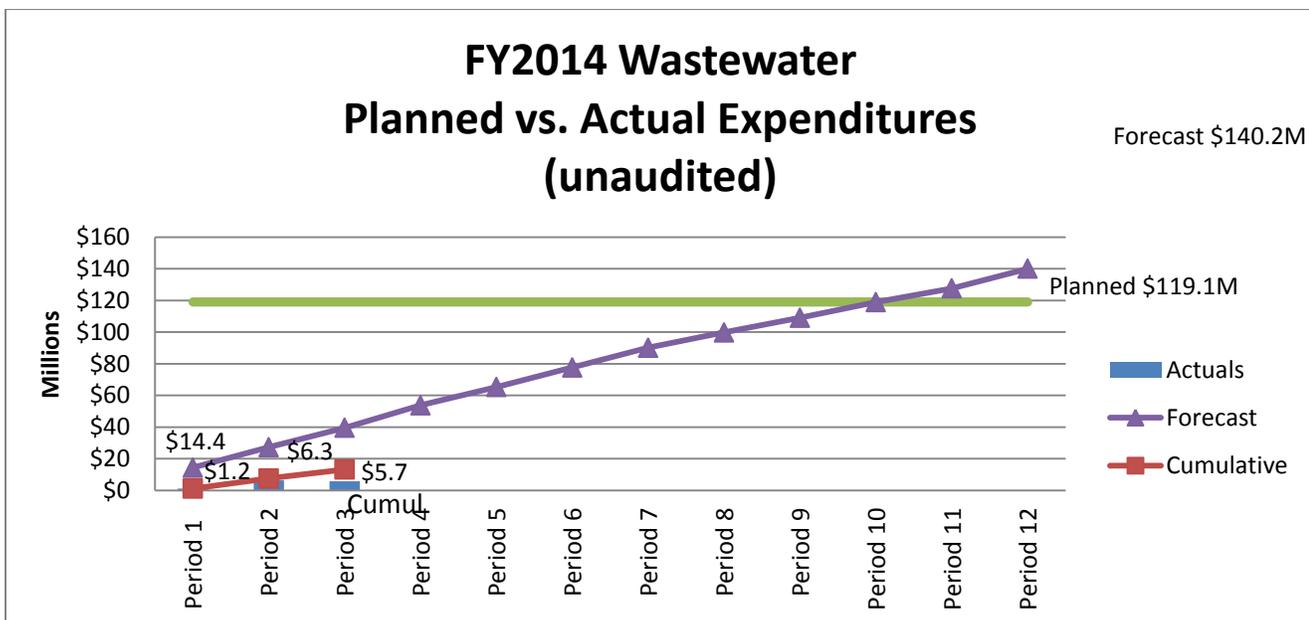
Construction workers excavate the trench for sewer main installation on Hilltop Ave.

WASTEWATER REGULATORY PROJECT UPDATES

The Environmental Protection Agency (EPA) Consent Decree mandates the repair, replacement, and rehabilitation of 450 miles of aged sewer mains. The Department met the Consent Decree mileage by completing a total of 451.5 miles by the end of fiscal year 2012. The Department is continuing with the replacement or rehabilitation of 45 sewer miles in fiscal year 2014. As of September 30, 2014, 7.21 miles have been awarded and 2.35 miles were completed.



WASTEWATER PLANNED vs. ACTUAL EXPENDITURES



CIP PROCESS IMPROVEMENT

Additional Streamlining measures include changes to the Municipal Code to allow Job Order Contracts related to pipeline construction and asphalt paving to be issued with a contract limit of \$30 million and individual tasks order limits of \$5 million. Increasing the contract limit from \$10 million to \$30 million and the task limit from \$1 million to \$5 million will allow the use of these type contracts for much larger projects. Currently most Group Jobs for water and sewer replacement have construction budgets less than \$5 million, making this procurement process another alternative to quickly and efficiently deliver pipeline projects.

In addition to changes in Job Order contracting, the Mayoral limits for consultant contract awards for non architects and engineers is being raised from \$250 thousand to \$1 million, to speed the award process for consultants being used for the Capital Improvement Program.

Both Municipal Code changes will speed the delivery of projects and reduce costs related to the approval of these contracts.

FY14 Change Order Log							
WBS	PROJECT TITLE	PREVIOUSLY AUTHORIZED PROJECT COST (ORIGINAL CONTRACT AMOUNT)	TOTAL CHANGE ORDER (CCO) AMOUNT TO DATE	ENGINEERING RELATED COSTS	REVISED TOTAL COST	CCO/ ORIGINAL TOTAL PROJECT COST %	DESCRIPTION
1st QTR FY14 (07/01/-2013 - 9/30/2013)							
S-00336	Harbor Drive Trunk Sewer	\$8,970,000.00	\$980,977.13		\$9,950,977.13	10.9%	Additional work for ventilation stainless steel pipe of siphon system, additional AC resurfacing and additional sewer bypass capacity as well as bypass the emergency sewer repairs for an adjacent project along Harbor Drive.
B-00326	Sewer Group 665	\$1,386,556.46	\$477,946.36		\$1,864,502.82	34.5%	Extensive point repairs were required prior to rehabilitating the existing sewer mains located in canyon areas of Old Town, Presido Park and Heritage Park
B-00370 / B-13185	Sewer Group 767 / AC Water Group Job Meade Avenue	\$2,896,247.45	\$544,698.54		\$3,440,945.99	18.8%	AC Water Group Job Meade Avenue is the result of the poor soil conditions that affected the construction of Sewer 767. The work for the project was agreed to be paid via change order. The work includes replace-in-place installation of 953 LF of 8-inch PVC water main on Meade Avenue from 32 nd Street and 33 rd Street, including all water services, fire services, and fire hydrants
B-13196	"F" Street Emergency Water Main Replacement	\$750,000.00	\$479,998.29		\$1,229,998.29	64.0%	Change order was needed to complete the original contract's scope of work which includes the replacement of 1,500 LF of 16" water main.
B-00499 / B-00503	Sewer Pump Station 27	\$3,587,134.75	\$3,369,209.91	\$18,486.77	\$6,956,344.66	93.9%	The original PS 27 project was substantially completed in 2006. Shortly thereafter, the pumps began to operate outside the range of acceptance and then began to completely fail. Additional consultants were contracted to analyze the problem and propose a solution. As the consultant began reviewing the issues, additional concerns were raised as well as the introduction of new flows and the need to meet new standards. The additional work was staged in two parts. The first part was to stop the roof top from leaking onto the instrumentation within the station. The second involved the repair/replacement of the pumps, roof slab, wet well and emergency storage tank. The time and cost to complete all this work added to the additional change order amount.

FY14 IROC REPORT - FIRST QUARTER - WATER PROJECTS

SCHEDULE OF COST OF SERVICE STUDY (COSS) vs ACTUALS

As of September 30, 2013

NOTES:
 - Projects are listed from highest to lowest revised project cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replaced with Cost of Service Study (COSS) amount
 Projects with \$1 mil or more in estimated project cost change (increase or decrease)
 Projects six or more months behind schedule in design/construction phases
 Projects on the radar

COSS = Cost of Service Study
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
 Variance = difference between COSS BO/BU and ECP BO/BU in working days
 A = Actual Milestone

CH = Project Charter in place
 CA = Charter Amendment
 P = New Charter. Project was in planning/scope was being defined.

WATER PROJECTS										Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY13, Period 12)	Encumbrances as of FY13 Period 12	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)	Start Date	COSS Final Design Approval - End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU	BO/BU Variance		
S11024	* Miramar Clearwell Improvements	\$79,000,000	\$79,000,000	\$366,617	-\$179,186	\$78,812,568	0.5%	7/1/11 A	4/16/2014	6/5/2015	304	11/19/2018	10/17/2019	243		
S12015	* Pacific Beach Pipeline	\$21,073,000	\$20,718,000	\$20,448	\$21	\$20,697,531	0.1%	3/28/12 A	5/14/2015	6/22/2015	29	5/15/2018	6/15/2018	23		
S11022	* Upas Street Pipeline Replacement	\$20,196,326	\$20,196,326	\$67,499	\$0	\$20,128,827	0.3%	10/1/10 A	4/10/2014	1/24/2014	-56	11/1/2017	3/14/2017	-170		
S12011	69th & Mohawk Pump Station	TBD	\$18,800,000	\$27,445	\$0	\$18,772,555	0.1%		TBD	1/29/2016	-	TBD	4/27/2018	-		
S11025	* Chollas Building	\$17,700,000	\$17,700,000	\$6,941	-\$5,622	\$17,698,681	0.0%	2/1/10 A	6/1/2011	6/1/2011	0	11/8/2016	5/5/2017	131		
S11021	* University Ave Pipeline Replacement	\$15,300,000	\$17,300,000	\$87,313	-\$31,690	\$17,244,377	0.5%	10/1/10 A	10/18/2013	3/13/2014	107	8/2/2016	10/27/2016	63		
S11026	Mid-City Pipeline - Ph 2 / Montezuma PPL	\$17,200,000	\$17,200,000	\$57,493	\$9,380	\$17,133,127	0.3%	10/22/12 A	1/20/2016	2/18/2016	21	5/3/2018	12/21/2017	-98		
S10123	* Water Group Job 915 (3012)	\$16,012,271	\$16,012,271	\$85,146	\$248,394	\$15,678,731	0.5%	5/1/07 A	4/7/2010	4/7/2010	0	5/15/2013	6/3/2013	14		
S00050	* Water Department Security Upgrades	\$16,510,465	\$14,260,465	\$0	\$0	\$14,260,465	0.0%	11/29/00 A	7/28/2011	7/28/2011	0	7/7/2014	7/7/2014	0		
S12019	Scripps Ranch Pump Station (formerly B10070)	\$13,079,000	\$13,079,000	\$532,275	-\$405,660	\$12,952,385	4.1%	10/5/09 A	8/16/2010	8/16/2010	0	2/18/2014	9/15/2014	153		
S12040	Tierrasanta (Via Dominique) Pump Station (formerly B10006)	\$11,228,000	\$11,208,000	\$97,196	-\$62,477	\$11,173,281	0.9%	5/3/10 A	10/24/2013	5/23/2014	155	5/11/2015	11/13/2015	136		
S12028	* Harbor Drive Pipelines Replacement	\$10,171,000	\$10,171,000	\$1,259,000	-\$338,912	\$9,250,912	12.4%	3/19/09 A	9/30/2011	9/30/2011	0	9/26/2013	11/26/2013	45		
S13015	Water & Sewer Group Job 816 (W)	\$9,747,920	\$9,747,920	\$43,132	\$0	\$9,704,788	0.4%	9/1/2008	TBD	7/14/2014	-	TBD	12/1/2017	-		
B11070	* La Jolla View Reservoir	\$9,670,000	\$9,667,800	\$41,110	\$0	\$9,626,690	0.4%	8/1/11 A	2/10/2014	11/17/2014	205	1/22/2016	9/12/2016	172		
S11108	* Water Group 787	\$9,174,252	\$9,174,252	\$33,154	\$0	\$9,141,098	0.4%	6/30/03 A	3/1/2011	3/1/2011	0	7/1/2013	7/1/2013	0		
B11023	* College Ranch Hydro Pump Station	\$7,429,510	\$7,429,510	\$106,948	-\$73,543	\$7,396,105	1.4%	10/1/10 A	11/13/2013	4/2/2014	103	2/8/2016	7/27/2015	-144		
S11027	* Otay 1st/2nd Pipeline Abandonment East of Highland	\$7,221,721	\$7,300,000	\$38,997	\$0	\$7,261,003	0.5%	3/1/11 A	7/25/2013	10/31/2013	72	12/3/2014	12/3/2014	0		
B00018	* Sewer and Water Group 616	\$7,129,949	\$7,129,949	\$37,245	\$0	\$7,092,704	0.5%	12/1/09 A	2/19/2013	4/9/2013	36	6/20/2014	7/6/2015	279		
B00125	* Water Group 914 CI (PB)	\$6,021,478	\$6,305,880	\$507,361	-\$38,291	\$5,836,810	8.0%	5/1/07 A	2/23/2012	2/23/2012	0	12/13/2013	12/13/2013	0		
B11024	* La Jolla Country Club Reservoir	\$6,025,000	\$6,025,000	\$89,304	\$0	\$5,935,696	1.5%	11/1/10 A	10/2/2013	9/25/2014	263	9/10/2015	8/31/2016	261		
B14028	Otay 1st PL University Heights (PUD)	\$6,000,000	\$6,000,000	\$7,437	\$0	\$5,992,563	0.1%		9/4/2013	9/4/2013	0	11/21/2016	11/21/2016	0		
S10013	Barrett Flume Cover (PUD)	\$5,992,340	\$5,992,340	\$78,611	-\$26,508	\$5,940,237	1.3%	TBD	8/4/2016	8/4/2016	0	5/25/2022	5/25/2022	0		
B11045	* Water Group Job 949	\$6,496,010	\$5,846,735	\$122,711	-\$9,250	\$5,733,274	2.1%	1/14/11 A	5/16/2012	5/16/2012	0	2/10/2015	9/24/2014	-102		
B00105	* Sewer & Water Group 799	\$5,731,492	\$5,731,492	\$555,619	-\$89,819	\$5,265,692	9.7%	5/15/03 A	10/5/2011	10/5/2011	0	4/4/2013	10/4/2013	134		
B10176	* Water Group Job 926	\$7,120,331	\$5,692,999	\$1,132,779	-\$523,088	\$5,083,308	19.9%	1/13/10 A	7/28/2011	7/28/2011	0	7/15/2014	7/15/2014	0		
S00041	* Morena Reservoir Outlet Tower Upgrade	\$5,680,000	\$5,680,000	\$5,740	\$0	\$5,674,260	0.1%	5/2/11 A	3/28/2013	1/27/2014	224	12/16/2014	9/30/2015	211		
B00032	* Water Group Job 525C	\$4,889,744	\$4,889,744	\$292	\$0	\$4,889,452	0.0%	6/24/99 A	2/18/2014	8/22/2014	136	11/5/2015	5/16/2016	142		
B11006	* Water Group Job 936	\$4,848,050	\$4,816,850	\$22,182	\$0	\$4,794,668	0.5%	9/1/10 A	7/17/2013	11/8/2013	84	6/30/2015	6/30/2015	0		
B11038	* Water Group Job 942	\$4,418,000	\$4,699,000	\$51,230	\$0	\$4,647,770	1.1%	11/1/11 A	5/23/2014	5/23/2014	0	11/5/2015	11/5/2015	0		
S11105	* WDSU - Enclosed Pumps - PH. II	\$4,590,000	\$4,590,000	\$715,159	-\$794,556	\$4,669,397	15.6%	6/10/10 A	9/20/2011	9/20/2011	0	8/21/2013	3/17/2014	153		
B11036	* Water Group Job 940	\$4,586,431	\$4,586,431	\$50,862	\$0	\$4,535,569	1.1%	8/10/11 A	1/28/2014	1/28/2014	0	4/29/2016	4/29/2016	0		
B00108	* Water & Sewer Group 814	\$3,328,500	\$4,542,398	\$28,084	\$0	\$4,514,314	0.6%	9/1/2008	12/2/2014	5/27/2013	-406	9/5/2017	2/23/2016	-411		
B11137	* Water Group Job 958	\$5,156,200	\$4,478,262	\$26,575	\$3,324,000	\$1,127,687	0.6%	4/1/11 A	12/14/2012	1/2/2013	14	4/1/2014	9/10/2014	119		
B11042	* Water Group Job 946	\$4,351,853	\$4,132,709	\$31,199	-\$14,705	\$4,116,215	0.8%	7/25/11 A	10/10/2012	10/10/2012	0	3/5/2015	10/24/2014	-97		
B10175	* Water Group Job 925	\$3,938,135	\$3,938,135	\$227,044	-\$18,740	\$3,729,831	5.8%	2/1/10 A	1/5/2011	1/5/2011	0	2/28/2013	7/31/2013	112		
B13230	AC Water & Sewer Group 1001 (W)	TBD	\$3,841,100	\$19,549	\$0	\$3,821,551	0.5%		TBD	11/25/2013	-	3/16/2015	3/16/2015	0		
B00102	* Sewer & Water Group 809	\$2,836,439	\$3,836,439	\$20,588	-\$1,568	\$3,817,419	0.5%	6/2/03 A	2/26/2013	6/17/2013	81	10/10/2014	12/11/2014	45		
S10008	El Monte Raw Water (PUD)	\$3,748,000	\$3,748,000	\$644	\$0	\$3,747,356	0.0%	10/14/11 A	N/A	N/A	-	N/A	N/A	-		
B11154	* Water and Sewer Group Job 957 (W)	\$3,058,228	\$3,663,289	\$8,834	\$0	\$3,654,455	0.2%	6/1/11 A	12/4/2012	1/9/2013	26	2/27/2014	8/18/2014	126		
S10055	* Lindbergh Field 16" Cast Iron Main Replacement	\$6,297,662	\$3,583,531	\$12,385	\$46,130	\$3,525,015	0.3%	3/19/09 A	11/30/2011	11/30/2011	0	7/18/2013	7/18/2013	0		
B00155	* Catalina Standpipe Renovation	\$3,425,600	\$3,425,600	\$237,216	\$111,606	\$3,076,778	6.9%	3/1/10 A	10/1/2010	10/1/2010	0	9/25/2013	7/15/2014	215		

FY14 IROC REPORT - FIRST QUARTER - WATER PROJECTS

SCHEDULE OF COST OF SERVICE STUDY (COSS) vs ACTUALS

As of September 30, 2013

NOTES:
 - Projects are listed from highest to lowest revised project cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replaced with Cost of Service Study (COSS) amount
 Projects with \$1 mil or more in estimated project cost change (increase or decrease)
 Projects six or more months behind schedule in design/construction phases
 Projects on the radar

COSS = Cost of Service Study
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
 Variance = difference between COSS BO/BU and ECP BO/BU in working days
 A = Actual Milestone

CH = Project Charter in place
 CA = Charter Amendment
 P = New Charter. Project was in planning/scope was being defined.

WATER PROJECTS															
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY13, Period 12)	Encumbrances as of FY13 Period 12	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)	Start Date	Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment
									COSS Final Design Approval - End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU	BO/BU Variance	
B10190	* Water and Sewer Group Job 930 (W)	\$3,988,025	\$3,373,640	\$598,655	-\$326,110	\$3,101,095	17.7%	4/1/10 A	12/5/2012	11/19/2012	-12	3/18/2014	7/17/2014	89	
B10172	* Water Group Job 922	\$3,759,350	\$3,318,165	\$224,056	-\$55,599	\$3,149,708	6.8%	2/1/10 A	5/13/2011	5/13/2011	0	12/24/2013	9/11/2013	-76	
B11044	* Water Group Job 948	\$2,890,500	\$3,300,000	\$588	\$0	\$3,299,412	0.0%	11/1/11 A	2/6/2015	2/27/2015	15	6/23/2016	8/15/2016	39	CH
S11106	* WDSU - Reservoirs & Dams - PH. II	\$1,000,000	\$3,000,000	\$17,695	\$0	\$2,982,305	0.6%	6/10/10 A	11/21/2011	10/31/2013	521	7/24/2014	6/9/2015	235	
B13158	Lake Hodges Dam Modification	\$3,000,000	\$3,000,000	\$23,837	\$0	\$2,976,163	0.8%	3/1/2009	TBD	9/10/2015	-	TBD	1/5/2018	-	CH
B10188	* Water Group Job 928	\$2,896,826	\$2,988,252	\$282,416	-\$33,485	\$2,739,321	9.5%	4/1/10 A	9/19/2011	9/19/2011	0	6/25/2013	11/20/2013	109	
B12057	Water & Sewer Group 965 (W)	\$2,031,992	\$2,934,600	\$10,292	\$0	\$2,924,308	0.4%	9/5/12 A	6/4/2014	10/7/2014	92	12/16/2015	4/27/2016	98	CH
B12072	Water Group Job 963	\$2,572,400	\$2,865,800	\$39,150	\$0	\$2,826,650	1.4%	9/1/2008	1/8/2015	4/11/2014	-199	8/25/2016	12/28/2015	-177	CH
B11040	* Water Group Job 944	\$2,860,000	\$2,860,000	\$29,475	\$0	\$2,830,525	1.0%	11/1/11 A	12/9/2014	2/18/2015	52	6/27/2016	9/1/2016	48	
B11138	* Water Group Job 959	\$2,807,645	\$2,807,645	\$26,530	\$0	\$2,781,115	0.9%	4/1/11 A	1/10/2013	7/29/2013	147	12/6/2013	5/27/2014	126	
B13174	Sodium Hypochlorite at Otay WTP	TBD	\$2,754,000	\$11,212	\$0	\$2,742,788	0.4%		TBD	1/24/2014	-	8/18/2015	8/18/2015	0	
B10189	* Water and Sewer Group Job 929 (W)	\$2,705,148	\$2,705,148	\$88,934	-\$3,642	\$2,619,857	3.3%	4/1/10 A	2/7/2012	2/7/2012	0	5/20/2013	7/10/2013	37	
B11041	* Water Group Job 945	\$2,604,610	\$2,604,610	\$5,180	\$0	\$2,599,430	0.2%	1/5/11 A	3/11/2013	4/24/2013	32	5/15/2014	6/17/2014	24	
B00131	* Water Group 525 E	\$2,583,375	\$2,583,375	\$1,104	\$0	\$2,582,271	0.0%	1/25/99 A	2/18/2014	8/22/2014	136	11/4/2015	5/13/2016	140	
S11107	* WDSU - Water Tanks & Standpipes - PH. II	\$2,402,000	\$2,402,000	\$318,111	-\$329,813	\$2,413,702	13.2%	6/10/10 A	9/20/2011	9/20/2011	0	8/21/2013	12/23/2013	91	
B13011	Sewer & Water GI Crown Pt s La Playa (W)	\$2,195,550	\$2,375,550	\$46,745	\$0	\$2,328,805	2.0%	10/1/12 A	4/8/2013	12/6/2013	177	3/14/2017	1/23/2018	231	
B00110	* Sewer & Water Group 820	\$1,799,591	\$2,128,633	\$16,765	\$0	\$2,111,868	0.8%	6/2/03 A	12/4/2012	5/1/2013	109	9/30/2014	3/23/2015	128	
S00044	* Lower Otay Reservoir Emergency Outlet Improvements	\$2,000,000	\$2,000,000	\$11,535	\$0	\$1,988,465	0.6%	1/3/03 A	5/3/2013	2/4/2014	203	3/12/2014	12/10/2014	200	
B11004	* Water and Sewer GI934 (W)	\$1,693,320	\$1,951,427	\$17,101	\$0	\$1,934,326	0.9%	1/3/11 A	4/15/2013	4/15/2013	0	10/15/2014	6/4/2014	-98	
S11059	* Otay Water Treatment Plant Concrete Work	\$1,806,431	\$1,806,431	\$38,439	\$0	\$1,767,992	2.1%	7/15/11 A	4/19/2012	4/19/2012	0	TBD	12/12/2013	-	
S10010	* Recycled Water System Upgrades	\$910,000	\$1,782,000	\$128,746	-\$58,000	\$1,711,254	7.2%	6/1/11 A	2/1/2012	2/1/2012	0	TBD	7/18/2014	-	
B00080	* Sewer & Water GI 761	\$1,997,868	\$1,706,651	\$107,787	-\$20,035	\$1,618,899	6.3%	8/3/09 A	6/28/2012	6/28/2012	0	TBD	1/17/2014	-	
B10200	* Camino Del Sur Pipeline - North of SRS56	\$992,500	\$1,697,306	\$643,613	-\$133,227	\$1,186,919	37.9%	8/2/10 A	10/11/2012	10/11/2012	0	TBD	10/10/2013	-	
B12092	* AC Shawnee Road Emergency PPL Replacement	\$1,655,000	\$1,655,000	\$57,678	\$0	\$1,597,322	3.5%	2/16/12 A	5/3/2012	5/3/2012	0	TBD	6/25/2013	-	
B00161	* Pacific Highlands Ranch Recycled Water Pipeline (PUD)	\$1,600,000	\$1,600,000	\$410	\$0	\$1,599,590	0.0%	4/1/11 A	11/18/2011	10/28/2011	-15	6/30/2014	6/30/2014	0	
B00035	* Sewer & Water Group 694	\$1,548,010	\$1,548,010	\$39,701	\$0	\$1,508,309	2.6%	12/1/10 A	12/6/2013	12/6/2013	0	10/12/2015	10/12/2015	0	
B11005	* Water Group Job 935	\$1,447,395	\$1,487,877	\$272,494	-\$149,387	\$1,364,770	18.3%	8/16/10 A	8/31/2012	8/31/2012	0	9/4/2013	7/16/2013	-37	
B11049	* Water Group Job 953	\$1,698,319	\$1,482,098	\$37,705	-\$6,150	\$1,450,543	2.5%	1/5/11 A	11/16/2012	11/16/2012	0	5/27/2014	7/17/2014	37	
B11007	* Water Group Job 937	\$2,144,110	\$1,346,214	\$35,216	\$0	\$1,310,998	2.6%	6/7/11 A	11/4/2013	9/4/2013	-45	12/30/2014	10/27/2014	-47	
B00143	* San Carlos Reservoir Interior Enhancement	\$1,284,022	\$1,284,022	\$8,925	\$0	\$1,275,097	0.7%	8/25/08 A	5/11/2010	5/11/2010	0	12/31/2012	11/1/2013	224	
B12051	* Water Group 961	\$1,258,655	\$1,258,655	\$92,215	\$0	\$1,166,440	7.3%	12/20/11 A	7/25/2013	10/30/2013	71	9/10/2014	11/17/2014	50	
B00059	* Water Group Job 732	\$628,167	\$1,210,981	\$26,801	\$0	\$1,184,180	2.2%	11/17/00 A	9/27/2012	9/27/2012	0	4/17/2014	2/28/2014	-35	
B11043	* Water Group Job 947	\$1,351,439	\$1,150,563	\$236,076	-\$137,566	\$1,052,053	20.5%	1/10/11 A	10/12/2012	10/12/2012	0	4/2/2014	8/7/2013	-175	
B11101	* Juan Street - Water Pipeline Replacement	\$1,100,000	\$1,100,000	\$35,524	\$0	\$1,064,476	3.2%	2/1/10 A	2/20/2013	2/5/2013	-11	6/12/2014	9/9/2014	65	
B11037	* Water Group Job 941	\$1,164,503	\$1,081,106	\$171,178	-\$121,616	\$1,031,544	15.8%	1/4/10 A	8/10/2012	8/10/2012	0	8/21/2013	7/29/2013	-17	
B00044	* Sewer & Water Group 711 (CC5) (02)-1	\$1,045,230	\$1,045,230	\$201	\$0	\$1,045,029	0.0%	1/21/99 A	8/19/2016	8/19/2016	0	4/19/2018	4/19/2018	0	
B13196	F Street CI Water Mains	\$1,000,000	\$1,000,000	\$460,082	\$43,699	\$496,219	46.0%	3/1/2009	TBD	10/3/2013	-	TBD	12/19/2013	-	
B11153	* Water and Sewer Group Job 956 (W)	\$1,360,221	\$989,482	\$158,407	\$0	\$831,075	16.0%	6/1/11 A	11/1/2012	11/1/2012	0	8/19/2013	10/4/2013	34	
B00081	* Sewer & Water Group Job 685	\$1,060,245	\$924,191	\$49,624	\$0	\$874,567	5.4%	11/14/97 A	10/29/2012	10/29/2012	0	9/24/2014	11/20/2014	42	
B00037	* Sewer and Water GI 695 (W)	\$615,912	\$920,898	\$21,135	\$0	\$899,763	2.3%	2/5/10 A	8/7/2013	10/8/2013	45	3/23/2015	6/19/2015	65	
B00095	* Manning Canyon Sewer and Water Replacement (W)	\$831,638	\$831,638	\$20,862	\$0	\$810,776	2.5%	12/6/01 A	2/4/2014	3/13/2014	27	7/15/2015	7/15/2015	0	

FY14 IROC REPORT - FIRST QUARTER - WATER PROJECTS
SCHEDULE OF COST OF SERVICE STUDY (COSS) vs ACTUALS
As of September 30, 2013

NOTES:
 - Projects are listed from highest to lowest revised project cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replaced with Cost of Service Study (COSS) amount
 Projects with \$1 mil or more in estimated project cost change (increase or decrease)
 Projects six or more months behind schedule in design/construction phases
 Projects on the radar

COSS = Cost of Service Study
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
 Variance = difference between COSS BO/BU and ECP BO/BU in working days
 A = Actual Milestone

CH = Project Charter in place
 CA = Charter Amendment
 P = New Charter. Project was in planning/scope was being defined.

WATER PROJECTS								Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment	
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY13, Period 12)	Encumbrances as of FY13 Period 12	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)	Start Date	COSS Final Design Approval - End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU		BO/BU Variance
B00114	* Sewer & Water Group 687B	\$758,338	\$822,860	\$2,987	\$0	\$819,873	0.4%	2/26/07 A	12/6/2012	12/6/2012	0	6/12/2014	1/14/2015	158	
B12110	Caltrans Pacific Beach PPL Central (W)	\$694,500	\$765,000	\$2,036	\$1	\$762,964	0.3%	7/9/12 A	4/25/2014	9/2/2014	95	8/8/2017	7/11/2018	247	
B11066	* San Pasqual USGS Monitoring Wells (PUD)	\$742,000	\$742,000	\$12,879	\$0	\$729,121	1.7%	11/1/10 A	N/A	N/A	-	12/31/2013	3/31/2014	66	
B00074	* Sewer & Water Group 758	\$630,411	\$692,047	\$12,161	\$0	\$679,886	1.8%	2/1/2002	9/13/2011	9/13/2011	0	7/17/2014	6/20/2014	-20	
B00050	* Group Job 723	\$806,680	\$691,101	\$35,749	-\$479	\$655,830	5.2%	8/2/99 A	7/29/2011	7/29/2011	0	10/16/2013	10/28/2013	9	
B12098	* CI - Palm Ave. Meter Emerg CI Replac.(W)	\$769,452	\$686,452	\$208,881	-\$16,092	\$493,663	30.4%	4/30/12 A	12/21/2012	2/1/2013	31	5/28/2013	8/5/2013	51	
B10165	* Scripps Ranch Reservoir Slope Repair & Bracket Rpl	\$633,800	\$633,800	\$34,570	-\$2,375	\$601,605	5.5%	4/1/10 A	12/19/2012	7/22/2013	158	1/2/2014	6/26/2014	128	
B00099	* Sewer & Water Group 770	\$735,159	\$627,875	\$26,532	\$0	\$601,343	4.2%	4/7/03 A	10/29/2012	10/29/2012	0	1/10/2014	5/28/2014	101	
B11039	* Water Group Job 943	\$619,500	\$619,500	\$3,445	\$0	\$616,055	0.6%	7/1/11 A	7/30/2013	12/19/2013	104	9/26/2014	12/19/2014	62	
B12016	* Water Group Job 960	\$509,366	\$509,366	\$3,194	\$0	\$506,172	0.6%	10/3/11 A	1/15/2013	9/30/2013	189	11/8/2013	6/24/2014	167	
B13185	AC Water Group Job Meade Avenue	\$0	\$500,000	\$10,043	\$283,435	\$206,521	2.0%	3/1/2009	TBD	2/26/2013	-	TBD	4/23/2013	-	
B12045	* Sewer & Water Group 815 (W)	\$130,500	\$495,533	\$13,914	\$0	\$481,619	2.8%	6/2/03 A	10/29/2013	10/29/2013	0	2/11/2015	2/11/2015	0	
B13082	Rancho Santa Fe Farm Rd Water Main	\$582,000	\$396,700	\$23,077	\$0	\$373,623	5.8%	9/24/12 A	9/3/2013	9/3/2013	0	5/2/2014	5/2/2014	0	
B00039	* Sewer & Water Group 701	\$326,720	\$322,400	\$2,230	\$0	\$320,170	0.7%	11/2/10 A	4/14/2014	3/27/2015	254	9/17/2015	4/19/2016	158	
B00149	Westview Community Park (PUD)	\$224,687	\$224,687	\$0	-\$2	\$224,689	0.0%	2/1/2009 A	N/A	N/A	-	N/A	N/A	-	
B14027	AC Copley Ave Wtr Main Replacement (PUD)	\$217,245	\$217,245	\$4,540	\$0	\$212,706	2.1%		N/A	N/A	-	TBD	TBD	-	
B00139	Park Village Extension (PUD)	\$165,274	\$165,274	\$103	\$0	\$165,171	0.1%	2/1/09 A	4/26/2013	12/6/2013	164	N/A	N/A	-	
B00148	South Village Park (PUD)	\$10,000	\$10,000	\$0	\$0	\$10,000	0.0%		N/A	N/A	-	N/A	N/A	-	
B11048	* Water Group Job 952	\$2,100,000	TBD	\$36,253	\$0	-	-	2/1/2010	10/16/2014	TBD	-	12/1/2015	TBD	-	
B12077	* Water Group Job 962	\$1,990,000	TBD	\$0	\$0	-	-	4/2/12 A	2/26/2014	TBD	-	4/29/2015	TBD	-	
B11035	* Water Group Job 939	\$1,855,000	TBD	\$21,611	\$0	-	-	7/1/11 A	3/6/2014	TBD	-	TBD	TBD	-	
B10187	* Water and Sewer Group 954 (W)	\$1,746,210	TBD	\$1,040	\$0	-	-	1/30/12 A	5/14/2015	TBD	-	TBD	TBD	-	
TBD	AC Main Replacement	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-	TBD	TBD	-	
B12086	CI - Water and Sewer Group Job 966 (W)	TBD	TBD	\$11,010	\$0	-	-	3/1/2009	TBD	TBD	-	TBD	TBD	-	
B14017	Madison Ave Wtr Main Replacement	TBD	TBD	\$81,733	\$0	-	-		TBD	TBD	-	TBD	TBD	-	
S13016	Miramar Contract A Roof System Redesign	TBD	TBD	\$8,084	-\$1,948	-	-	TBD	TBD	TBD	-	TBD	TBD	-	
S12016	Otay 1st/2nd PPL Abandon West of Highland Avenue	TBD	TBD	\$21,060	\$0	-	-		TBD	TBD	-	TBD	TBD	-	
B13201	Sewer & AC Water Group 764A (W)	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-	TBD	TBD	-	
B13208	Sewer & AC Water Group 785 (W)	TBD	TBD	\$15,316	\$0	-	-		TBD	TBD	-	10/20/2016	TBD	-	
B13186	Water and Sewer GI 955 (W)	TBD	TBD	\$8,242	\$0	-	-		TBD	TBD	-	TBD	TBD	-	
B12058	Water and Sewer Group 967 (W)	TBD	TBD	\$12,814	\$0	-	-	TBD	TBD	TBD	-	TBD	TBD	-	
B13202	Willow St. Bridge 48" Steel PPL UA (PUD)	TBD	TBD	\$0	\$0	-	-		TBD	TBD	-	TBD	TBD	-	
POST CONSTRUCTION/COMPLETE PROJECTS															
S00022	* Alvarado WTP-Ozone Improvements (PH IV)	\$61,166,485	\$59,089,821	\$90,012	-\$6,837	\$59,006,646	0.2%	3/6/00 A	9/5/2007	9/5/2007	0	11/16/2010	11/16/2010	0	
S00030	* Otay Water Treatment Plant Upgrade & Expansion	\$26,702,441	\$26,702,441	-\$15	\$0	\$26,702,456	0.0%	2/1/00 A	10/22/2004	10/22/2004	0	12/8/2010	12/8/2010	0	
S10127	* Advanced Water Treatment Demo Plant (IPR/RA) (PUD)	\$7,200,000	\$7,200,000	\$0	\$0	\$7,200,000	0.0%	1/25/10 A	12/23/2010	12/23/2010	0	6/16/2011	6/16/2011	0	
B00020	* Water Group 532	\$5,159,160	\$5,387,678	\$0	\$0	\$5,387,678	0.0%	6/1/94 A	6/18/2008	6/18/2008	0	10/7/2010	10/7/2010	0	
B00160	* Los Penasquitos Canyon / Camino Ruiz RW Pipeline	\$5,166,739	\$5,166,739	\$0	\$0	\$5,166,739	0.0%	10/25/00 A	5/31/2011	5/31/2011	0	9/29/2012	10/1/2012	1	
B00086	* Sewer & Water Group 789	\$5,159,940	\$5,159,940	\$84,171	\$0	\$5,075,769	1.6%	5/16/02 A	11/17/2010	11/17/2010	0	11/26/2012	12/7/2012	8	
B10173	* Water Group Job 923	\$4,911,561	\$5,050,879	\$11,898	-\$7,189	\$5,046,169	0.2%	2/1/10 A	9/1/2011	9/1/2011	0	4/12/2013	1/2/2013	-73	

FY14 IROC REPORT - FIRST QUARTER - WATER PROJECTS
SCHEDULE OF COST OF SERVICE STUDY (COSS) vs ACTUALS
As of September 30, 2013

NOTES:
- Projects are listed from highest to lowest revised project cost
- Wastewater projects are separated into Muni and Metro
- All post construction/completed projects are listed at the end of the schedule
- TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replaced with Cost of Service Study (COSS) amount
Projects with \$1 mil or more in estimated project cost change (increase or decrease)
Projects six or more months behind schedule in design/construction phases
Projects on the radar

COSS = Cost of Service Study
BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
Variance = difference between COSS BO/BU and ECP BO/BU in working days
A = Actual Milestone

CH = Project Charter in place
CA = Charter Amendment
P = New Charter. Project was in planning/scope was being defined.

WATER PROJECTS									Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY13, Period 12)	Encumbrances as of FY13 Period 12	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)	Start Date	COSS Final Design Approval - End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU	BO/BU Variance	
B00066	* Water Group 910	\$5,207,964	\$4,907,964	\$85,601	\$0	\$4,822,363	1.7%	8/28/01 A	9/14/2010	9/14/2010	0	1/2/2013	4/30/2013	87	
B10174	* Water Group Job 924	\$5,596,311	\$4,790,219	\$340,020	-\$23,829	\$4,474,028	7.1%	2/1/10 A				12/5/2012	6/19/2013	144	
B00031	* Group Job 525B	\$4,427,958	\$4,427,958	\$4,578	\$0	\$4,423,380	0.1%	3/20/98 A	10/11/2010	10/11/2010	0	12/6/2012	2/19/2013	55	
B00158	* Carmel Valley	\$3,805,170	\$3,805,170	\$0	\$0	\$3,805,170	0.0%	4/8/08 A				5/11/2012	5/11/2012	0	
S00028	* Miramar WTP Landscape & Site Improvement	\$3,171,746	\$3,171,746	\$38,047	-\$785	\$3,134,484	1.2%	11/2/09 A	10/18/2010	10/18/2010	0	12/21/2012	3/18/2013	64	
B10171	* Water Group Job 921	\$3,107,000	\$3,122,000	\$35,063	\$0	\$3,086,937	1.1%	2/2/10 A	11/4/2010	11/4/2010	0	2/27/2013	5/6/2013	50	
S00004	* Torrey Pines/La Jolla Blvd Phase 3B	\$3,085,318	\$3,085,318	\$0	\$0	\$3,085,318	0.0%	5/14/09 A	3/16/2011	3/16/2011	0	7/2/2012	7/2/2012	0	
B00046	* Group Job 544	\$2,614,770	\$2,614,770	\$0	\$0	\$2,614,770	0.0%	3/16/99 A	10/29/2008	10/29/2008	0	9/21/2011	9/21/2011	0	
B00123	* Water Group 909 CI Phase I	\$2,551,169	\$2,551,169	\$0	\$0	\$2,551,169	0.0%	3/15/07 A	12/30/2009	12/30/2009	0	11/15/2011	11/15/2011	0	
B00124	* Water Group 909 CI Phase II	\$2,470,267	\$2,470,267	\$0	\$0	\$2,470,267	0.0%	3/15/07 A	12/30/2009	12/30/2009	0	11/15/2011	11/15/2011	0	
B00130	* Water Group 919 CI	\$2,308,708	\$2,308,708	\$0	\$0	\$2,308,708	0.0%	7/28/08 A	7/18/2011	7/18/2011	0	11/15/2012	3/1/2013	78	
B00168	* Groundwater Pilot Production Wells (PUD)	\$2,032,036	\$2,032,036	\$84,775	-\$14,810	\$1,962,071	4.2%	12/8/2008 A	3/11/2011	1/31/2011	-29	12/31/2013	12/31/2013	0	
B00093	* Sewer & Water Group Job 781	\$1,914,199	\$1,914,199	\$7,262	\$0	\$1,906,937	0.4%	10/1/02 A	8/24/2010	8/24/2010	0	1/4/2013	1/22/2013	13	
B00036	* Group Job 693 - Northpark	\$271,142	\$1,793,504	\$45,798	-\$2,865	\$1,750,571	2.6%	10/16/01 A	6/1/2012	6/1/2012	0	7/18/2014	9/19/2014	46	
B00091	* Sewer & Water GI 774	\$1,352,783	\$1,596,377	\$7,007	\$0	\$1,589,370	0.4%	10/24/02 A	11/18/2010	11/18/2010	0	11/1/2012	5/8/2013	138	
B00077	* Group 3013 - Water Group 764	\$1,552,579	\$1,552,579	\$0	-\$39,788	\$1,592,367	0.0%	5/16/02 A	9/16/2009	9/16/2009	0	4/16/2012	4/16/2012	0	
B10191	* Water Group Job 931	\$1,938,543	\$1,527,039	\$48,190	\$0	\$1,478,849	3.2%	4/1/10 A	12/5/2011	12/5/2011	0	12/6/2012	12/18/2012	9	
B00100	* Sewer & Water Group 792	\$1,511,162	\$1,511,162	\$0	\$0	\$1,511,162	0.0%	12/2/02 A	4/28/2011	4/28/2011	0	11/30/2012	11/30/2012	0	
S11102	* Colony Hill Water Main Relocation	\$1,460,250	\$1,504,250	\$1,294	\$0	\$1,502,956	0.1%	10/1/10 A				9/18/2012	9/18/2012	0	
B00098	* Group 3013 - Water Group 821	\$1,499,825	\$1,499,825	\$0	-\$13,610	\$1,513,435	0.0%	4/1/04 A	9/16/2009	9/16/2009	0	4/16/2012	4/16/2012	0	
B00082	* Sewer & Water Group 768	\$1,345,275	\$1,345,275	\$3,793	\$0	\$1,341,482	0.3%	1/3/02 A	10/13/2010	10/13/2010	0	2/20/2012	2/20/2012	0	
S10005	* El Capitan Pipeline #2	\$1,287,928	\$1,287,928	\$9,098	\$0	\$1,278,830	0.7%	4/5/10 A	3/28/2012	3/28/2012	0	10/18/2013	5/9/2013	-119	
B00103	* Sewer & Water Group 822	\$1,366,591	\$1,226,591	-\$206	\$0	\$1,226,797	0.0%	5/16/02 A	10/27/2010	10/27/2010	0	12/31/2012	12/6/2012	-18	
B00084	* Group 3013 - Water Group 764A	\$1,185,494	\$1,185,494	\$0	-\$17,220	\$1,202,714	0.0%	5/16/02 A	9/16/2009	9/16/2009	0	4/16/2012	4/16/2012	0	
B00013	Caltrans - Carroll Cnyn Br-I15 14" 16" Recl Wtr (Completed) (PUD)	\$1,175,522	\$1,175,522	\$0	\$0	\$1,175,522	0.0%		1/4/2008	1/4/2008	0	2/22/2012	2/22/2012	0	
B00092	* Sewer & Water Group Job 780	\$786,664	\$1,077,036	\$6,743	\$0	\$1,070,293	0.6%	10/1/02 A	8/30/2010	8/30/2010	0	10/22/2012	10/22/2012	0	
B12041	* Water Group 964 (W)	\$729,137	\$904,915	\$23,767	\$0	\$881,148	2.6%	12/13/11 A	4/6/2012	4/6/2012	0	1/9/2013	5/1/2013	82	
B00097	* Sewer & Water Group 779	\$847,361	\$847,361	\$0	\$0	\$847,361	0.0%	4/1/10 A	5/31/2011	5/31/2011	0	4/4/2012	4/4/2012	0	
B00057	* Water Group Job 730	\$1,264,335	\$759,008	\$0	\$0	\$759,008	0.0%	11/15/00 A	2/12/2010	2/12/2010	0	6/8/2011	6/8/2011	0	
B11047	* Water Group Job 951	\$726,378	\$726,378	\$0	\$0	\$726,378	0.0%	1/4/11 A	3/6/2012	3/6/2012	0	7/25/2012	11/27/2012	92	
B00056	* Water Group Job 728	\$675,158	\$675,158	\$0	\$0	\$675,158	0.0%	11/14/00 A	1/6/2010	1/6/2010	0	9/13/2011	9/13/2011	0	
B00106	* Sewer & Water Group 788	\$643,964	\$669,299	\$13,705	\$0	\$655,594	2.0%	8/23/02 A	6/26/2012	6/26/2012	0	6/13/2014	6/26/2014	10	
B10154	* Water Group 787M2	\$649,271	\$649,271	\$0	\$0	\$649,271	0.0%	2/1/10 A	9/22/2010	9/22/2010	0	4/19/2012	4/19/2012	0	
B00120	* Water Group 907 CI	\$598,036	\$612,610	\$1,524	\$0	\$611,086	0.2%	3/1/10 A	6/27/2011	6/27/2011	0	4/10/2012	4/12/2012	1	
B11046	* Water Group Job 950	\$511,000	\$511,000	\$2,721	\$0	\$508,279	0.5%	8/19/11 A	1/20/2012	1/20/2012	0	10/16/2012	12/12/2012	42	
S11109	* Otay 2nd Pipeline -Emergency Main Repairs	\$500,000	\$500,000	\$7,731	\$0	\$492,269	1.5%	12/1/10 A	1/14/2011	1/14/2011	0	11/7/2011	11/7/2011	0	
B00169	* San Vicente Groundwater Well (PUD)	\$388,794	\$388,794	\$1,920	-\$1,920	\$388,794	0.5%	6/6/08 A	1/14/2011	1/14/2011	0	12/5/2013	1/31/2013	-226	
B00010	* Caltrans - I905 (PUD)	\$344,076	\$344,076	\$0	\$0	\$344,076	0.0%	10/30/07 A	3/31/2010	3/31/2010	0	3/29/2013	3/29/2013	0	
B00072	* Sewer & Water GI 754	\$342,673	\$342,673	-\$32	\$0	\$342,705	0.0%	11/29/01 A	3/2/2010	3/2/2010	0	6/8/2012	6/8/2012	0	
B10199	Caltrans- Hillery Dr. Water Pipeline Relocation Pr (PUD)	\$297,164	\$297,164	\$1,555	\$0	\$295,609	0.5%	5/1/10 A	11/10/2011	11/10/2011	0	6/20/2013	4/8/2013	-54	
S00073	* SBRWS - Mag Meter Assembly Project (PUD)	\$232,132	\$232,132	\$0	\$0	\$232,132	0.0%	1/18/11	3/19/2012	3/19/2012	0	3/21/2013	3/28/2013	5	

FY14 IROC REPORT - FIRST QUARTER - WASTEWATER PROJECTS
SCHEDULE OF COST OF SERVICES STUDY (COSS) VS ACTUALS
As of September 30, 2013

NOTES:
 - Projects are listed from highest to lowest revised project cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replace with Cost of Service Study (COSS) amount
 Projects with \$1 mil or more in estimated project cost change (increase or decrease)
 Projects six or more months behind schedule in design/construction phases
 Projects on the radar

COSS = Cost of Service Study
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
 Variance = difference between COSS BO/BU and ECP BO/BU in working days
 A = Actual Milestone

CH = Project Charter in place
 CA = Charter Amendment
 P = New Charter. Project was in planning/scope was being defined.

WASTEWATER PROJECTS								Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment	
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY14, Period 3)	Encumbrances at FY14 Period 3	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)	Start Date	COSS Final Design Approval - End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU		BO/BU Variance
METRO FUNDED															
S00315	* Point Loma Grit Processing Improvements	\$32,922,630	\$34,614,085	\$1,612,339	-\$538,843	\$33,540,588	4.7%	1/18/00 A	9/30/2010	9/30/2010	0	12/17/2013	8/19/2014	180	
S00312	* PS2 Power Reliability & Surge Protection	\$31,200,000	\$31,200,000	\$181,506	-\$89,583	\$31,108,076	0.6%	11/1/10 A	3/18/2015	4/27/2015	29	5/12/2017	5/12/2017	0	
S00339	* MBC Dewatering Centrifuges Replacement	\$12,000,000	\$11,442,554	\$28,996	\$0	\$11,413,558	0.3%	7/1/11 A	3/21/2012	3/21/2012	0	1/12/2016	9/22/2015	-82	
B00313	* PS 1&2 ELECTRICAL UPG & NEW BLDG AT PS2	\$9,935,000	\$9,935,000	\$8,619	\$0	\$9,926,382	0.1%	11/1/06 A			-	3/4/2013	12/24/2013	216	
S00317	South Metro Sewer Rehabilitation Phase 3B (PUD)	\$9,214,957	\$9,214,957	\$0	\$0	\$9,214,957	0.0%	TBD	12/8/2015	12/8/2015	0	11/22/2017	11/22/2017	0	
S00322	* MBC Biosolids Storage Silos	\$7,553,500	\$9,047,838	\$430,647	-\$387,523	\$9,004,713	4.8%	3/1/2006	11/15/2012	11/15/2012	0	10/7/2014	9/30/2014	-5	
B10085	* PTL Sedimentation Basins Equip. Refurbish	\$7,954,500	\$7,954,500	\$395,037	-\$103,476	\$7,662,939	5.0%	4/1/10 A	5/6/2011	5/6/2011	0	5/2/2013	8/3/2013	68	
S00314	* Wet Weather Storage Facility (PUD)	\$7,272,127	\$7,272,127	\$1,598	\$0	\$7,270,529	0.0%	TBD	3/7/2016	3/7/2016	0	1/24/2018	1/24/2018	0	
B11025	Rose Canyon TS (RCTS) Joint Repair	\$6,233,000	\$6,233,000	\$3,206	\$0	\$6,229,794	0.1%	3/1/2009	3/13/2013	12/1/2015	728	8/27/2015	3/29/2017	425	
S00323	* MBC Odor Control Facility Upgrades	\$6,200,000	\$6,200,000	\$179,993	-\$20,951	\$6,040,959	2.9%	12/1/10 A	11/19/2013	6/24/2014	158	11/12/2015	2/29/2016	80	
B10178	* MBC Chemical System Improvements Phase 2	\$5,070,000	\$4,446,000	\$167,578	-\$36,624	\$4,315,045	3.8%	2/14/11 A	10/4/2013	4/24/2014	148	4/8/2015	10/21/2015	144	
B11139	* North City Cogeneration Facility Expansion (PUD)	\$4,200,000	\$4,200,000	\$175,711	-\$16,827	\$4,041,116	4.2%	5/18/11 A	12/16/2011	12/16/2011	0	3/26/2013	1/31/2014	228	
S00310	SBWR Plant Demineralization	\$3,279,133	\$3,279,133	\$32,217	\$0	\$3,246,916	1.0%	8/1/12 A	11/30/2012	11/30/2012	0	10/2/2013	3/30/2015	399	
L100002	Ovation Upgrade at North City WRP	\$3,070,000	\$3,070,000	\$10,097	\$0	\$3,059,903	0.3%	10/23/09 A	3/22/2010	3/22/2010	0	6/5/2014	11/24/2014	126	
S00319	EMT&S Boat Dock & Steam Line Relocation (PUD)	\$2,018,535	\$2,018,535	\$0	\$0	\$2,018,535	0.0%	7/1/2011 A	5/30/2014	5/30/2014	0	12/23/2015	12/23/2015	0	
B11098	W PTL Intercept & PS 2 FM Siphon Repair (PUD)	\$1,500,000	\$1,500,000	\$7,611	\$0	\$1,492,389	0.5%	3/1/2010 A	12/24/2012	12/24/2012	0	6/30/2014	6/30/2014	0	
S00309	* NCWRP Sludge Pump Station Upgrade	\$636,294	\$636,294	\$15,970	-\$5,528	\$625,852	2.5%	4/1/10 A	1/27/2012	1/27/2012	0	6/5/2013	2/24/2014	194	
B11076	* PTLWTP PC6 Transformer Cabinet & Switchboard Repl	\$400,000	\$400,000	\$27,453	-\$20,180	\$392,727	6.9%	8/2/10 A	1/21/2011	1/21/2011	0	3/7/2013	6/7/2013	67	
B13227	Emergency Strobe Lights at MBC, NC, SB	TBD	TBD	\$1,018	\$0	-	-		TBD	TBD	-	TBD	TBD	-	
POST CONSTRUCTION - METRO FUNDED															
L100001	* Ovation Upgrade at Pt Loma Wastewater Trmt Plant	\$4,180,000	\$4,180,000	\$2,794	\$0	\$4,177,206	0.1%	10/23/09 A	3/22/2010	3/22/2010	0	2/6/2013	9/3/2013	153	
B00528	* MBC WATER SYSTEMS IMPROVEMENTS	\$1,179,355	\$1,179,355	-\$309	\$0	\$1,179,664	0.0%	5/26/09 A			-	2/13/2012	2/13/2012	0	
B00316	* MBC ACCESS ROAD DRAINAGE IMPROVEMENTS (A)	\$288,184	\$288,184	-\$22	\$0	\$288,206	0.0%	1/5/07 A	5/25/2011	5/25/2011	0	5/1/2012	5/1/2012	0	
METRO/MUNI FUNDED															
S12036	Backup Generators at Sewer PS's, TP, & EMTS (PUD)	\$17,745,600	\$17,745,600	\$286,093	-\$10,097	\$17,469,604	1.6%	9/9/11 A	9/23/2013	10/1/2013	6	10/30/2014	10/30/2014	0	
MUNI FUNDED															
S00308	* Pump Station 84 Upgrade & Pump Station 62 Abandon	\$9,320,400	\$12,710,452	\$631,360	-\$354,682	\$12,433,774	5.0%	9/11/07 A	9/21/2011	9/21/2011	0	6/27/2013	10/16/2013	81	
B10210	Sewer & Water GJ Crown Pt s La Playa (S)	\$6,936,750	\$6,935,250	\$46,023	\$0	\$6,889,227	0.7%	10/1/12 A	4/8/2013		TBD	-	3/14/2017	TBD	-
B00445	* WATER & SEWER GROUP 687B	\$6,748,441	\$6,748,441	\$15,284	\$0	\$6,733,157	0.2%	2/26/07 A	12/6/2012	12/6/2012	0	6/12/2014	1/14/2015	158	
B13013	PIPELINE REHABILITATION V-1	\$6,595,000	\$6,407,014	\$27,798	\$0	\$6,379,216	0.4%	9/4/12 A	6/24/2013	6/24/2013	0	2/10/2015	2/10/2015	0	
B13094	PIPELINE REHABILITATION Y-1	\$6,977,380	\$6,097,227	\$23,467	\$2,576,448	\$3,497,312	0.4%	9/5/12 A	4/22/2013	4/22/2013	0	6/1/2015	12/26/2014	-115	
B11074	* PIPELINE REHABILITATION Q-1	\$6,027,335	\$6,027,335	\$333,941	-\$287,318	\$5,980,712	5.5%	12/20/10 A	9/6/2011	9/6/2011	0	6/24/2013	10/7/2013	77	
B00416	* Sewer & Water Group Job 809	\$4,518,747	\$6,018,747	\$24,920	\$0	\$5,993,827	0.4%	6/2/03 A	2/26/2013	6/17/2013	81	11/28/2014	12/11/2014	10	
B00306	* PS 65 CAPACITY UPGRADE (AA 41927D)	\$6,000,000	\$6,000,000	\$26,514	-\$631	\$5,974,117	0.4%	9/27/07 A	5/1/2012	5/1/2012	0	3/12/2014	4/16/2015	293	
B00452	* SEWER & WATER GROUP 701	\$3,209,020	\$5,987,600	\$22,977	\$0	\$5,964,623	0.4%	11/2/10 A	4/14/2014	2/27/2015	234	9/17/2015	3/21/2016	136	
B11120	* PIPELINE REHABILITATION T-1	\$5,975,400	\$5,582,300	\$35,773	\$0	\$5,546,527	0.6%	10/24/11 A	10/9/2012	10/9/2012	0	4/17/2014	5/30/2014	32	
B11078	* PIPELINE REHABILITATION S-1	\$5,216,044	\$5,216,044	\$23,397	\$0	\$5,192,647	0.4%	4/1/11 A	4/2/2012	4/2/2012	0	11/19/2013	11/19/2013	0	

FY14 IROC REPORT - FIRST QUARTER - WASTEWATER PROJECTS
SCHEDULE OF COST OF SERVICES STUDY (COSS) VS ACTUALS
As of September 30, 2013

NOTES:
- Projects are listed from highest to lowest revised project cost
- Wastewater projects are separated into Muni and Metro
- All post construction/completed projects are listed at the end of the schedule
- TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replace with Cost of Service Study (COSS) amount
Projects with \$1 mil or more in estimated project cost change (increase or decrease)
Projects six or more months behind schedule in design/construction phases
Projects on the radar

COSS = Cost of Service Study
BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
Variance = difference between COSS BO/BU and ECP BO/BU in working days
A = Actual Milestone

CH = Project Charter in place
CA = Charter Amendment
P = New Charter. Project was in planning/scope was being defined.

WASTEWATER PROJECTS								Start Date	Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY14, Period 3)	Encumbrances at FY14 Period 3	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)		COSS Final Design Approval - End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU	BO/BU Variance	
B11062	* PIPELINE REHABILITATION R-1	\$4,845,971	\$5,032,709	\$816,573	-\$489,393	\$4,705,529	16.2%	4/1/11 A	3/6/2012	3/6/2012	0	8/1/2013	10/1/2013	45	
B00504	* Manning Canyon Sewer and Water Replacement	\$4,998,185	\$5,028,185	\$44,805	-\$9,260	\$4,992,640	0.9%	11/2/09 A	2/4/2014	5/22/2014	78	7/15/2015	7/15/2015	0	
B00429	* BUCHANAN CANYON SEWER B	\$4,841,396	\$4,894,396	\$15,926	\$0	\$4,878,470	0.3%	4/19/04 A	2/6/2013	1/13/2014	250	6/24/2014	6/1/2015	-291	
S00304	* PS Upgrades Group II Cnty Wide	\$4,883,223	\$4,883,223	\$192,678	-\$126,563	\$4,817,108	3.9%	10/1/01 A	5/14/2009	5/14/2009	0	6/13/2013	8/23/2013	52	
B00460	* SEWER GROUP 721	\$4,878,277	\$4,878,277	\$60,018	\$0	\$4,818,259	1.2%	11/2/09 A	1/28/2014	5/14/2014	78	7/10/2015	10/23/2015	77	
B13099	Sewer Group Job 834	\$4,782,815	\$4,782,815	\$67,357	\$0	\$4,715,458	1.4%	3/1/2009	2/26/2015	2/26/2015	0	10/17/2016	10/17/2016	0 CH	
B00360	Water & Sewer Group Job 752	\$4,773,547	\$4,773,547	\$2,791	\$0	\$4,770,756	0.1%		10/3/2014	10/3/2014	0	6/9/2016	6/9/2016	0	
B13012	PIPELINE REHABILITATION U-1	\$8,200,800	\$4,747,027	\$12,412	\$0	\$4,734,615	0.3%	9/4/12 A	2/22/2013	7/5/2013	98	9/3/2014	11/28/2014	63	
B00393	* SEWER & WATER GJ 787	\$4,743,451	\$4,733,909	\$88,273	-\$64,408	\$4,710,043	1.9%	8/1/02 A	9/4/2012	9/4/2012	0	8/13/2014	6/30/2014	-32	
B11060	PIPELINE REHABILITATION - PHASE F-2 (LATERALS)	\$4,600,000	\$4,600,000	\$17,136	\$0	\$4,582,864	0.4%	7/30/12 A	6/20/2013	6/3/2013	-12	9/23/2014	2/6/2015	100	
B00448	* SEWER & WATER GROUP 694	\$4,597,426	\$4,597,426	\$55,384	\$0	\$4,542,042	1.2%	12/1/10 A	12/6/2013	11/27/2013	-7	10/12/2015	10/12/2015	0	
B00459	* SEWER GROUP 720	\$4,563,856	\$4,563,856	\$25,754	\$0	\$4,538,102	0.6%	1/4/99 A	7/29/2013	10/2/2013	48	10/13/2015	1/9/2015	-203	
B12042	* Sewer and Water Group Job 940 (S)	\$4,117,660	\$4,472,218	\$65,066	\$0	\$4,407,152	1.5%	12/1/11 A	1/28/2014	5/29/2014	89	4/29/2016	8/29/2016	89	
B00365	* SEWER & WATER GROUP 758	\$5,229,600	\$4,389,264	\$24,037	\$0	\$4,365,227	0.5%	2/14/02 A	9/13/2011	9/13/2011	0	7/17/2014	6/20/2014	-20	
B00346	* SEWER GROUP 697A	\$2,286,693	\$4,172,393	\$18,037	\$0	\$4,154,356	0.4%	8/1/01 A	11/16/2015	4/15/2015	-158	1/10/2017	6/21/2017	119 CH	
B00382	* SEWER GROUP 820	\$3,925,483	\$4,164,937	\$19,413	\$0	\$4,145,524	0.5%	6/2/03 A	12/4/2012	5/31/2013	131	9/30/2014	3/23/2015	128	
B00395	* Sewer Group 794	\$4,091,924	\$4,091,924	-\$466	\$0	\$4,092,390	0.0%	11/2/09 A	2/4/2016	5/5/2016	67	8/17/2017	11/16/2017	67	
B11030	* Pipeline Rehabilitation - Phase I-2 (Laterals)	\$4,000,000	\$4,000,000	\$21,242	\$0	\$3,978,758	0.5%	12/3/12 A	9/27/2013	12/26/2013	66	12/17/2014	11/5/2015	-237	
B11061	* PIPELINE REHABILITATION - PHASE J-2 (LATERALS)	\$4,000,000	\$4,000,000	\$0	\$0	\$4,000,000	0.0%	7/5/11 A	10/14/2014	10/14/2014	0	11/23/2015	11/23/2015	0	
B00435	* SEWER GJ 814	\$3,872,029	\$3,872,957	\$29,263	\$0	\$3,843,694	0.8%	9/1/2008	12/2/2014	5/27/2013	-406	9/5/2017	2/17/2016	-415 CH	
B00415	* SEWER GJ 815	\$1,997,581	\$3,825,185	\$32,916	\$0	\$3,792,269	0.9%	6/2/03 A	10/29/2013	10/29/2013	0	2/11/2015	2/11/2015	0	
B00333	* CITY HEIGHTS: GRP 685	\$5,172,339	\$3,503,413	\$50,231	\$0	\$3,453,182	1.4%	11/14/97 A	10/29/2012	10/29/2012	0	9/24/2014	11/20/2014	42	
B13014	PIPELINE REHABILITATION W-1	\$3,344,413	\$3,344,413	\$29,436	\$0	\$3,314,977	0.9%	8/22/12 A	4/30/2013	7/15/2013	56	6/30/2014	8/12/2014	32	
B00353	* Sewer Group 743	\$2,704,415	\$3,334,415	\$84,176	\$0	\$3,250,239	2.5%	9/1/2008	7/11/2014	5/20/2014	-38	4/25/2016	3/21/2016	-26 CH	
B00461	* TALMADGE - GROUP 703A	\$3,144,675	\$3,144,675	\$28,845	\$0	\$3,115,830	0.9%	8/3/98 A	1/31/2013	5/1/2013	66	6/10/2014	6/30/2014	15	
B00446	* SEWER GROUP 691	\$2,907,217	\$3,102,964	\$50,328	\$0	\$3,052,636	1.6%	8/10/98 A	11/4/2013	2/20/2014	79	6/16/2015	4/23/2015	-40	
B00378	* SEWER GROUP JOB 784	\$3,578,808	\$3,080,663	\$259,670	-\$168,269	\$2,989,261	8.4%	9/10/02 A	2/15/2011	2/15/2011	0	5/27/2014	7/17/2014	37	
B00372	* SEWER & WATER GROUP JOB 761	\$3,529,041	\$3,020,110	\$521,852	-\$263,406	\$2,761,664	17.3%	8/3/09 A	6/28/2012	6/28/2012	0	1/8/2014	1/17/2014	7	
B12048	* Water and Sewer Group 965 (S)	\$1,716,335	\$2,932,600	\$11,035	\$0	\$2,921,565	0.4%	9/5/12 A	6/4/2014	10/7/2014	92	12/16/2015	4/27/2016	98 CH	
B00442	* SEWER GROUP 549	\$3,322,949	\$2,827,454	\$56,800	-\$13,597	\$2,784,251	2.0%	4/20/99 A	3/26/2012	3/26/2012	0	5/27/2014	7/17/2014	37	
B12117	PACIFIC BEACH PIPELINE SOUTH (S)	\$2,813,500	\$2,788,500	\$3,217	\$3	\$2,785,281	0.1%	8/6/12 A	5/14/2015	3/2/2015	-54	5/15/2018	6/15/2018	23	
B11077	* Sewer Group 767A	\$2,744,345	\$2,764,647	\$20,343	\$0	\$2,744,304	0.7%	11/1/10 A	3/20/2014	2/18/2015	246	6/1/2015	4/28/2016	-243	
B00449	* SEWER & WATER GROUP 695	\$3,312,927	\$2,730,736	\$36,482	\$0	\$2,694,254	1.3%	11/2/09 A	8/7/2013	10/8/2013	45	3/23/2015	5/22/2015	44	
B00337	* SEWER GROUP JOB 727	\$3,055,368	\$2,662,868	\$21,450	\$0	\$2,641,418	0.8%	11/14/00 A	10/8/2013	10/7/2013	-1	3/2/2015	3/2/2015	0	
B13169	Sewer & Water Group Job 963 S	\$2,596,900	\$2,596,900	\$36,699	\$0	\$2,560,201	1.4%	9/1/2008	4/11/2014	4/11/2014	0	12/28/2015	12/28/2015	0 CH	
B13178	Otay Valley Manhole Improvements	\$1,560,000	\$2,352,940	\$39,852	\$0	\$2,313,088	1.7%	3/1/2009	TBD	TBD	-	TBD	TBD	-	
B00345	* SEWER GROUP 735	\$2,492,006	\$2,143,349	\$18,499	\$0	\$2,124,850	0.9%	2/12/01 A	10/8/2013	10/8/2013	0	3/2/2015	3/2/2015	0	
B11028	Pipeline Rehab - Phase K-2 (Laterals)	\$2,054,000	\$2,054,000	\$19,482	\$0	\$2,034,518	0.9%	3/1/2009	11/19/2013	11/19/2013	0	10/27/2014	10/27/2014	0 CH	

FY14 IROC REPORT - FIRST QUARTER - WASTEWATER PROJECTS
SCHEDULE OF COST OF SERVICES STUDY (COSS) VS ACTUALS
As of September 30, 2013

NOTES:
 - Projects are listed from highest to lowest revised project cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replace with Cost of Service Study (COSS) amount
 Projects with \$1 mil or more in estimated project cost change (increase or decrease)
 Projects six or more months behind schedule in design/construction phases
 Projects on the radar

COSS = Cost of Service Study
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
 Variance = difference between COSS BO/BU and ECP BO/BU in working days
 A = Actual Milestone

CH = Project Charter in place
 CA = Charter Amendment
 P = New Charter. Project was in planning/scope was being defined.

WASTEWATER PROJECTS								Start Date	Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY14, Period 3)	Encumbrances at FY14 Period 3	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)		COSS Final Design Approval - End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU	BO/BU Variance	
B00412	* SEWER GROUP 808	\$1,754,216	\$2,007,334	\$14,050	\$0	\$1,993,284	0.7%	6/2/03 A	6/26/2014	12/5/2013	-149	8/19/2015	10/28/2014	-216	
B00410	* SEWER GJ 770	\$2,202,419	\$1,860,321	\$26,746	\$0	\$1,833,575	1.4%	4/7/03 A	10/29/2012	10/29/2012	0	1/10/2014	5/28/2014	101	
B11022	* WATER AND SEWER GROUP JOB 930 (S)	\$1,561,564	\$1,440,161	\$6,207	\$0	\$1,433,954	0.4%	4/1/10 A	12/3/2012	11/19/2012	-10	3/5/2014	7/17/2014	96	
B00507	* FALSE BAY EMERGENCY	\$1,424,841	\$1,424,841	\$8,178	\$0	\$1,416,663	0.6%	4/1/09 A	5/10/2013	10/25/2013	123	6/2/2014	9/30/2014	88	
B12111	Tyrian Street and Soledad Avenue Sewer Main Replac	\$1,395,500	\$1,346,500	\$37,713	\$0	\$1,308,787	2.8%	8/27/12 A	12/27/2013	7/14/2014	146	3/23/2015	4/1/2015	7 CH	
B00443	SEWER GJ 816	\$1,290,813	\$1,290,813	\$14,009	\$0	\$1,276,804	1.1%	9/1/2008	7/14/2014	7/14/2014	0	12/1/2017	12/1/2017	0 CH	
B00500	* SKYLARK QVYN SWR PS	\$1,714,046	\$1,196,764	\$4,465	\$0	\$1,192,299	0.4%	12/28/01 A	3/14/2014	10/16/2013	-109	8/20/2015	5/14/2015	-72	
B12071	WATER AND SEWER GROUP JOB 946 (S)	\$662,293	\$1,173,859	\$11,970	-\$2,005	\$1,163,894	1.0%	5/1/12 A	10/10/2012	10/10/2012	0	3/5/2015	10/24/2014	-97	
B12097	Pacific Beach Pipeline Central in West Mission Bay	\$1,028,000	\$1,168,000	\$2,013	\$1	\$1,165,986	0.2%	7/9/12 A	6/25/2014	9/2/2014	51	11/3/2017	7/11/2018	180 CH	
B00501	Sewer PS 13, 14 and 16 Dual FM (PUD)	\$1,100,000	\$1,100,000	\$0	\$0	\$1,100,000	0.0%	TBD	5/15/2015	5/15/2015	0	11/30/2016	11/30/2016	0	
B10209	* Lytton St. 6-inch Sewer Replacement	\$544,957	\$1,076,526	\$35,988	\$0	\$1,040,538	3.3%	10/21/10 A	5/24/2013	11/1/2013	118	10/10/2014	3/25/2015	122	
B00476	* SPS 13 REHAB	\$975,500	\$975,500	\$91,532	-\$57,102	\$941,070	9.4%	11/1/10 A	2/28/2013	2/19/2013	-7	5/29/2014	7/2/2014	25	
B11152	* Water & Sewer Group Job 957(S)	\$788,760	\$966,642	\$9,959	\$0	\$956,683	1.0%	6/1/11 A	12/4/2012	1/9/2013	26	2/27/2014	8/18/2014	126	
B00396	* Sewer Group Job 795	\$536,210	\$901,625	\$27,193	\$0	\$874,432	3.0%	11/1/11 A	9/5/2014	4/4/2014	-113	7/10/2015	3/20/2015	-82 CH	
B12018	* SEWER PUMP STATION 77A GENERATORS (SPS77A)	\$656,000	\$900,000	\$17,084	\$0	\$882,916	1.9%	10/3/11 A	3/5/2013	3/5/2013	0	12/4/2013	3/4/2014	66	
B11111	Tecolote Canyon 8-inch CI Sewer Main	\$854,160	\$899,100	\$22,768	-\$4,184	\$880,516	2.5%	5/21/12 A	10/15/2013	3/11/2014	108	4/1/2015	6/5/2015	48	
B00458	* Sewer & Water Group 711 (CC5) (02)	\$839,156	\$839,156	\$201	\$0	\$838,955	0.0%	1/21/99 A	8/19/2016	8/19/2016	0	4/19/2018	4/19/2018	0	
B00437	SEWER GROUP JOB 833	\$811,088	\$811,088	\$4,327	\$0	\$806,761	0.5%	3/1/2001	6/6/2014	6/6/2014	0	4/2/2015	4/2/2015	0 CH	
B13098	Pipeline Rehabilitation X-1	\$796,649	\$796,649	\$35,001	\$23,997	\$737,651	4.4%	3/1/2009	12/16/2013	12/16/2013	0	10/17/2014	10/17/2014	0 CH	
B11021	* WATER AND SEWER GROUP JOB 929 (S)	\$771,105	\$771,105	\$18,582	-\$1,100	\$753,623	2.4%	4/1/10 A	2/7/2012	2/7/2012	0	5/20/2013	7/10/2013	37	
B12108	Via Alicante & Crescent Dr SMR (GRC)	\$898,500	\$708,500	\$12,264	\$0	\$696,236	1.7%	7/2/12 A	5/24/2013	5/24/2013	0	2/10/2014	2/26/2014	12	
B00422	Sewer GJ 672A	\$674,000	\$674,000	\$30,602	-\$9,665	\$653,063	4.5%	1/14/09 A	7/11/2013	7/11/2013	0	1/23/2014	1/23/2014	0 CH	
B13173	Boundary St & Edmontan Ave SMR	\$670,500	\$670,500	\$19,226	\$0	\$651,274	2.9%	1/2/2013	3/13/2014	3/13/2014	0	12/19/2014	12/19/2014	0 CH	
B11136	* WATER & SEWER GROUP JOB 934	\$631,314	\$657,044	\$3,130	\$0	\$653,914	0.5%	1/3/11 A	4/15/2013	4/15/2013	0	10/15/2014	6/4/2014	-98	
B12107	E St 32nd St & Nutmeg St SMR (GRC)	\$649,000	\$609,704	\$298,838	-\$111,583	\$422,449	49.0%	7/2/12 A	5/21/2013	5/21/2013	0	2/19/2014	7/26/2013	-153	
B11151	* Water & Sewer Group Job 956 (S)	\$603,600	\$546,826	\$64,347	\$0	\$482,479	11.8%	6/1/11 A	11/1/2012	11/1/2012	0	8/19/2013	10/4/2013	34	
B13090	24-inch Harbor Dr Sewer Main Replacement	\$310,000	\$310,000	\$21,923	-\$17,054	\$305,130	7.1%	10/23/12 A	4/15/2013	9/4/2013	104	11/6/2013	3/20/2014	98	
B12103	Sevan Court Cyn Sewer Lateral Relocation	\$200,000	\$200,000	\$5,677	\$0	\$194,323	2.8%	6/11/12 A	2/6/2013	5/8/2013	67	11/15/2013	1/10/2014	41	
B13238	AC Water & Sewer Group 1001 (S)	\$178,800	\$178,800	\$14,025	\$0	\$164,775	7.8%		11/25/2013	11/25/2013	0	3/16/2015	3/16/2015	0 CH	
B11110	Swan Street Sewer Main Replacement Project	\$230,500	\$162,785	\$79,908	\$0	\$82,877	49.1%	8/6/12 A	5/1/2013	5/3/2013	1	1/30/2014	9/30/2013	-89	
B13204	2037 Cypress Avenue (PUD)	\$98,000	\$98,000	\$0	\$0	\$98,000	0.0%		N/A	N/A	-	N/A	5/22/2013	-	
B13195	12720 Via Esperia SMR (PUD)	\$98,000	\$98,000	\$37	\$0	\$97,963	0.0%		N/A	N/A	-	TBD	TBD	-	
B13194	766 Rosecrans Street SMR (PUD)	\$98,000	\$98,000	\$29,462	\$0	\$68,538	30.1%		N/A	N/A	-	N/A	2/15/2014	-	
B13193	3939 Mission Blvd SMR (PUD)	\$98,000	\$98,000	\$0	\$0	\$98,000	0.0%		N/A	N/A	-	TBD	TBD	-	
B13192	41st & Landis Alley SMR (PUD)	\$98,000	\$98,000	\$37,423	\$0	\$60,577	38.2%		N/A	N/A	-	N/A	8/22/2013	-	
B13234	3693 Beta Street (PUD)	\$98,000	\$98,000	\$568	\$0	\$97,432	0.6%		N/A	N/A	-	N/A	1/15/2014	-	
B13237	2859 Wardlow Avenue (PUD)	\$98,000	\$98,000	\$21,785	\$0	\$76,215	22.2%		N/A	N/A	-	N/A	8/7/2013	-	
B00331	* SEWER GROUP 678	\$1,112,220	TBD	\$0	\$0	-	-	12/2/02 A	6/29/2015	TBD	-	12/8/2016	TBD	-	

FY14 IROC REPORT - FIRST QUARTER - WASTEWATER PROJECTS
SCHEDULE OF COST OF SERVICES STUDY (COSS) VS ACTUALS
As of September 30, 2013

NOTES:
 - Projects are listed from highest to lowest revised project cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replace with Cost of Service Study (COSS) amount
 Projects with \$1 mil or more in estimated project cost change (increase or decrease)
 Projects six or more months behind schedule in design/construction phases
 Projects on the radar

COSS = Cost of Service Study
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
 Variance = difference between COSS BO/BU and ECP BO/BU in working days
 A = Actual Milestone

CH = Project Charter in place
 CA = Charter Amendment
 P = New Charter. Project was in planning/scope was being defined.

WASTEWATER PROJECTS								Start Date	Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY14, Period 3)	Encumbrances at FY14 Period 3	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)		COSS Final Design Approval End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU	BO/BU Variance	
B00364	Sewer GJ 757	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00368	* SEWER GROUPS 764	\$5,856,656	TBD	\$891	\$0	-	-	5/16/02 A	1/12/2015	TBD	-	10/24/2016	TBD	-	
B00369	Sewer & Water GJ765	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00374	Sewer GJ763	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00380	* SEWER GROUP 764A	\$4,852,241	TBD	\$22,812	\$0	-	-	5/16/02 A	1/12/2015	TBD	-	10/24/2016	TBD	-	
B00383	* Sewer Group 785	\$4,195,977	TBD	\$36,964	\$0	-	-	11/2/09 A	3/27/2015	TBD	-	9/7/2016	TBD	-	
B00386	SEWER & WATER GROUP JOB 775	TBD	TBD	\$306	\$0	-	-	TBD	TBD	TBD	-			0	
B00387	* SEWER GROUP JOB 776	\$7,922,882	TBD	\$12,631	\$0	-	-	9/5/02 A	3/6/2015	TBD	-	5/9/2017	TBD	-	
B00388	* SEWER & WATER GROUP JOB 778	\$4,010,183	TBD	\$0	\$0	-	-	11/2/09 A	10/13/2014	TBD	-	6/30/2016	TBD	-	
B00391	SEWER GROUP JOB 782	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00394	* SEWER GJ 793	\$1,604,111	TBD	\$0	\$0	-	-	10/1/02 A	11/21/2014	TBD	-	2/25/2016	TBD	-	
B00398	* SEWER GJ 797	\$70,000	TBD	\$0	\$0	-	-	5/1/12 A	TBD	TBD	-	TBD	TBD	-	
B00399	* SEWER GROUP 798	\$90,000	TBD	\$11,039	\$0	-	-	12/3/12 A	TBD	TBD	-	TBD	TBD	-	
B00400	Sewer GJ 663A	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00403	* SEWER GROUP JOB 807	\$5,375,708	TBD	\$0	\$0	-	-	11/2/09 A	4/14/2017	TBD	-	9/25/2018	TBD	-	
B00406	SEWER GROUP JOB 806	TBD	TBD	\$1,478	\$0	-	-	TBD	TBD	TBD	-			0	
B00407	Sewer GJ 795 Cyn	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00408	Sewer & Water GJ 779	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00409	SEWER GJ 798C	\$90,000	TBD	\$7,032	\$0	-	-	5/1/12 A	TBD	TBD	-	TBD	TBD	-	
B00413	* SEWER GROUP 821	\$4,606,853	TBD	\$1,740	\$0	-	-	4/1/04 A	1/12/2015	TBD	-	10/24/2016	TBD	-	
B00414	* SEWER GROUP 818	\$4,512,692	TBD	\$13,057	\$0	-	-	11/2/09 A	10/29/2015	TBD	-	7/31/2017	TBD	-	
B00417	* SEWER & WATER GJ 810	\$4,145,949	TBD	\$4,600	\$0	-	-	11/2/09 A	1/28/2015	TBD	-	11/20/2017	TBD	-	
B00421	* SEWER GROUP 786	\$4,383,130	TBD	\$45,418	\$0	-	-	6/16/03 A	1/20/2015	TBD	-	1/26/2017	TBD	-	
B00424	SEWER GROUP JOB 800	TBD	TBD	\$2,171	\$0	-	-	TBD	TBD	TBD	-			0	
B00426	* SEWER GROUP 812	\$4,988,826	TBD	\$6,816	\$0	-	-	8/1/03 A	7/6/2015	TBD	-	3/27/2017	TBD	-	
B00431	Mission Center Canyon Sewer A	\$2,076,141	TBD	\$0	\$0	-	-	11/14/00 A	TBD	TBD	-	TBD	TBD	-	
B00433	* Mission Center Canyon C Swr	\$3,153,159	TBD	-\$348	\$0	-	-	11/2/09 A	2/5/2015	TBD	-	6/20/2016	TBD	-	
B00434	SEWER GROUP 828	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00436	SEWER GJ 827	\$2,955,000	TBD	\$14,434	\$0	-	-	3/1/2009	TBD	TBD	-	TBD	TBD	-	
B00438	Buchanan Sewer C	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00439	Buchanan Sewer D	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00485	Hillside Sewer (Techite)	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00489	La Jolla - Pacific Beach TS	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00490	* Penasquitos North Trunk Sewer	\$3,661,452	TBD	\$0	\$0	-	-	11/2/09 A	7/8/2015	TBD	-	12/16/2016	TBD	-	
B00492	Cottonwood Road TS (TS#78)	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B00494	* TS #56 & #18 Improvements	\$4,772,935	TBD	\$0	\$0	-	-	11/2/09 A	10/20/2015	TBD	-	4/5/2017	TBD	-	
B11019	SEWER GROUP JOB 830	TBD	TBD	\$0	\$0	-	-	TBD	TBD	TBD	-			0	
B12085	Water and Sewer Group Job 966(S)	\$1,711,100	TBD	\$4,371	\$0	-	-	3/1/2009	TBD	TBD	-	TBD	TBD	-	

FY14 IROC REPORT - FIRST QUARTER - WASTEWATER PROJECTS
SCHEDULE OF COST OF SERVICES STUDY (COSS) VS ACTUALS
As of September 30, 2013

NOTES:
 - Projects are listed from highest to lowest revised project cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replace with Cost of Service Study (COSS) amount
 Projects with \$1 mil or more in estimated project cost change (increase or decrease)
 Projects six or more months behind schedule in design/construction phases
 Projects on the radar

COSS = Cost of Service Study
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
 Variance = difference between COSS BO/BU and ECP BO/BU in working days
 A = Actual Milestone

CH = Project Charter in place
 CA = Charter Amendment
 P = New Charter. Project was in planning/scope was being defined.

WASTEWATER PROJECTS								Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment	
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY14, Period 3)	Encumbrances at FY14 Period 3	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)	Start Date	COSS Final Design Approval End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU		BO/BU Variance
B12087	Sorrento Valley Rd T.S Abandonment	\$177,000	TBD	\$4,058	\$0	-	-	3/1/2009	TBD	TBD	-	TBD	TBD	-	
B13157	Sewer Group 835	\$4,712,500	TBD	\$34,064	\$0	-	-	1/2/2013	TBD	TBD	-	TBD	TBD	-	
B13177	Citywide Manhole Improvements	TBD	TBD	\$2,669	\$0	-	-	TBD	TBD	TBD	-			0	
B13203	Water & Sewer GJ 954	\$1,012,000	TBD	\$851	\$0	-	-	3/1/2009	TBD	TBD	-	TBD	TBD	-	
B13209	Pipeline Rehabilitation Z-1	\$8,146,400	TBD	\$2,364	\$0	-	-	TBD	TBD	TBD	-	TBD	TBD	-	
B13214	Sewer Group 837	\$1,489,158	TBD	\$1,249	\$0	-	-		TBD	TBD	-	TBD	TBD	-	
B13215	Water and Sewer Group 962 (S)	TBD	TBD	\$1,190	\$0	-	-		TBD	TBD	-			0	
B13217	Pipeline Rehabilitation AA-1	\$5,756,500	TBD	\$1,853	\$0	-	-		TBD	TBD	-	TBD	TBD	-	
B13222	Pipeline Rehabilitation AB-1	\$6,897,982	TBD	\$15,022	\$0	-	-		TBD	TBD	-	TBD	TBD	-	
B13232	Sewer Group 836	\$2,275,500	TBD	\$2,145	\$0	-	-		TBD	TBD	-	TBD	TBD	-	
TBD	NCWRP Influent Pump Station Bridge Cranes / Hoists and Isolation Gates	\$500,000		\$0	\$0	\$0	-								
TBD	NCWRP Grit Accumulation at the Headworks and Gates Upgrades	\$440,000		\$0	\$0	\$0	-								
POST CONSTRUCTION/COMPLETE - MUNI FUNDED															
S00302	* South Mission Valley Trunk Sewer	\$13,943,838	\$13,943,838	\$36,504	\$0	\$13,907,334	0.3%	3/16/00 A	4/28/2004	4/28/2004	0	7/8/2011	7/8/2011	0	
S00336	* Harbor Drive Trunk Sewer Replacement	\$12,398,746	\$12,398,746	\$393,830	-\$75,120	\$12,080,036	3.2%	8/16/00 A	12/29/2010	12/29/2010	0	10/17/2012	10/17/2012	0	
S00335	* Lake Murray Trunk Sewer	\$10,366,815	\$10,366,815	\$777	\$0	\$10,366,038	0.0%	8/13/01 A	6/16/2009	6/16/2009	0	3/17/2011	3/25/2011	6	
S12035	BALBOA TERRACE TRUNK SEWER (formerly B00478)	\$9,496,367	\$9,496,367	\$700,319	-\$117,246	\$8,913,294	7.4%	7/3/98 A	3/2/2012	3/2/2012	0	4/17/2013	8/1/2013	78	
S00334	* USIU Trunk Sewer	\$7,030,477	\$7,602,998	\$14,851	-\$35,720	\$7,623,867	0.2%	10/1/01 A	7/20/2010	7/20/2010	0	9/28/2012	9/28/2012	0	
S00303	* Pump Station Upgrades Group I North County	\$7,573,837	\$7,573,837	\$717	\$0	\$7,573,120	0.0%	9/27/01 A	1/2/2009	1/2/2009	0	5/2/2011	5/2/2011	0	
B10182	* Pipeline Rehabilitation N-1	\$7,229,000	\$7,229,000	\$22,857	\$0	\$7,206,143	0.3%	6/1/10 A	5/4/2011	5/4/2011	0	12/28/2012	9/28/2012	-67	
B00469	* PIPELINE REHAB PH H-1 (PUD)	\$6,585,361	\$6,585,361	\$0	\$0	\$6,585,361	0.0%	10/8/07 A	N/A	N/A	-	11/1/2011	11/1/2011	0	
B00521	* PIPELINE REHAB PHASE J-1D	\$6,215,351	\$6,215,351	\$16,693	-\$16,693	\$6,215,351	0.3%	11/2/09 A	9/1/2010	9/1/2010	0	12/27/2012	12/27/2012	0	
B10192	* Pipeline Rehabilitation P-1	\$6,122,409	\$6,166,409	\$94,015	-\$6,724	\$6,079,118	1.5%	7/1/10 A	4/20/2011	4/20/2011	0	2/12/2013	2/12/2013	0	
B00479	* Pacific Highway Trunk Sewer	\$6,036,483	\$6,036,483	\$0	\$0	\$6,036,483	0.0%	7/19/00 A	5/5/2010	5/5/2010	0	11/27/2012	11/27/2012	0	
S00332	* Montezuma Trunk Sewer	\$5,736,198	\$5,736,198	\$619,504	-\$361,158	\$5,477,852	10.8%	10/31/06 A	2/7/2012	2/7/2012	0	3/21/2013	8/29/2013	118	
B00451	* SEWER GROUP 698	\$7,328,926	\$5,686,274	\$195,750	-\$144,577	\$5,635,102	3.4%	8/3/98 A	8/3/2010	8/3/2010	0	2/13/2013	3/25/2013	29	
B00488	* GRANTVILLE TS	\$4,359,430	\$5,432,429	\$19,820	\$0	\$5,412,609	0.4%	10/17/01 A	6/20/2011	6/20/2011	0	12/4/2012	5/14/2013	118	
B10185	* Pipeline Rehabilitation O-1	\$5,352,273	\$5,352,273	\$124,161	-\$100,783	\$5,328,895	2.3%	6/1/10 A	7/29/2011	7/29/2011	0	12/18/2012	4/30/2013	98	
B00481	* ALVARADO TRUNK SEWER PHIII	\$4,158,634	\$5,276,159	\$458,622	-\$45,022	\$4,862,560	8.7%	12/20/99 A	1/18/2011	1/18/2011	0	7/1/2013	6/18/2013	-10	
B00483	* PALM QTY TS	\$5,145,105	\$5,145,105	\$2,900	\$0	\$5,142,205	0.1%	8/22/00 A	4/13/2011	4/13/2011	0	6/25/2012	6/25/2012	0	
B00379	* SEWER GROUP JOB 788	\$4,721,588	\$4,983,090	\$401,877	-\$39,520	\$4,620,734	8.1%	8/23/02 A	6/26/2012	6/26/2012	0	6/13/2014	6/26/2014	10	
B10184	* Pipeline Rehabilitation M-1	\$4,732,443	\$4,732,443	\$7,960	\$0	\$4,724,483	0.2%	4/15/10 A	7/27/2011	7/27/2011	0	12/7/2012	12/7/2012	0	
B10142	* PIPELINE REHABILITATION L-I	\$4,700,774	\$4,701,450	\$426	\$0	\$4,701,024	0.0%	12/1/09 A	12/30/2010	12/30/2010	0	12/10/2012	12/10/2012	0	
S00305	* PS Upgrades Group III Forcemains	\$4,687,622	\$4,687,622	\$7,243	\$0	\$4,680,379	0.2%	10/1/01 A	2/25/2011	2/25/2011	0	4/12/2013	3/28/2013	-11	
B00390	* Sewer Group Job 781	\$4,210,025	\$4,210,025	-\$827	\$0	\$4,210,852	0.0%	10/1/02 A	8/24/2010	8/24/2010	0	1/4/2013	1/22/2013	13	
B00482	* CROWN PT TS	\$4,814,071	\$4,090,172	\$0	\$0	\$4,090,172	0.0%	9/1/00 A	1/10/2008	1/10/2008	0	11/5/2009	11/5/2009	0	
B00385	* SEWER & WATER GROUP JOB 774	\$3,365,118	\$4,081,473	\$17,489	\$0	\$4,063,984	0.4%	10/24/02 A	11/18/2010	11/18/2010	0	11/1/2012	5/8/2013	138	
B11112	* Alvarado Trunk Sewer Phase IIIA	\$4,336,646	\$4,075,646	\$131,502	-\$47,597	\$3,991,741	3.2%	3/11/11 A	5/27/2011	5/27/2011	0	5/22/2013	6/26/2013	26	

FY14 IROC REPORT - FIRST QUARTER - WASTEWATER PROJECTS
SCHEDULE OF COST OF SERVICES STUDY (COSS) VS ACTUALS
As of September 30, 2013

NOTES:
 - Projects are listed from highest to lowest revised project cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replace with Cost of Service Study (COSS) amount
 Projects with \$1 mil or more in estimated project cost change (increase or decrease)
 Projects six or more months behind schedule in design/construction phases
 Projects on the radar

COSS = Cost of Service Study
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
 Variance = difference between COSS BO/BU and ECP BO/BU in working days
 A = Actual Milestone

CH = Project Charter in place
 CA = Charter Amendment
 P = New Charter. Project was in planning/scope was being defined.

WASTEWATER PROJECTS								Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY14, Period 3)	Encumbrances at FY14 Period 3	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)	Start Date	COSS Final Design Approval End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU	
B00486	* Sunset Cliffs Trunk Sewer	\$4,056,505	\$4,050,175	\$0	\$0	\$4,050,175	0.0%	12/22/00 A	10/9/2009	10/9/2009	0	12/15/2011	12/15/2011	0
B00311	* CALTRANS/SR- 905 OTAY MESA TS (PUD)	\$3,904,000	\$3,904,000	\$0	\$0	\$3,904,000	0.0%		3/31/2010	3/31/2010	0	3/29/2013	3/29/2013	0
B00370	* SEWER GROUP 767	\$3,873,012	\$3,868,012	\$15,920	\$0	\$3,852,092	0.4%	5/16/02 A	2/28/2011	2/28/2011	0	12/17/2012	4/23/2013	93
B00329	* SEWER GROUP 682	\$3,616,158	\$3,616,158	-\$46	\$0	\$3,616,204	0.0%	3/2/98 A	12/23/2009	12/23/2009	0	11/9/2011	11/9/2011	0
B10141	* PIPELINE REHABILITATION K-I	\$3,988,630	\$3,592,330	\$7,264	\$0	\$3,585,066	0.2%	12/1/09 A	9/29/2010	9/29/2010	0	1/31/2013	3/4/2013	23
B00338	* SEWER GROUP JOB 728	\$3,578,792	\$3,578,792	\$0	\$0	\$3,578,792	0.0%	11/14/00 A	1/6/2010	1/6/2010	0	8/1/2011	8/1/2011	0
B00362	* WATER & SEWER GJ 754	\$3,560,417	\$3,560,417	\$1,994	\$0	\$3,558,423	0.1%	11/29/01 A	3/2/2010	3/2/2010	0	6/8/2012	6/8/2012	0
B00389	* Sewer Group Job 780	\$3,502,926	\$3,502,926	\$43,684	-\$35,034	\$3,494,276	1.2%	10/1/02 A	8/30/2010	8/30/2010	0	5/30/2012	5/30/2012	0
B00447	* SEWER & WATER GROUP 693 (GP3) (05)	\$3,491,566	\$3,478,593	\$76,556	-\$6,685	\$3,408,722	2.2%	10/16/01 A	5/22/2012	5/22/2012	0	7/18/2014	9/19/2014	46
B00361	* SEWER GJ 753	\$3,428,694	\$3,428,694	\$8,391	\$0	\$3,420,303	0.2%	11/29/01 A	9/1/2010	9/1/2010	0	3/29/2012	3/29/2012	0
B00404	* GROUP 3015-SEWER GROUP 805	\$3,250,155	\$3,250,795	\$56	\$0	\$3,250,739	0.0%	5/16/02 A	7/1/2010	7/1/2010	0	5/31/2012	5/31/2012	0
B00326	* SEWER GROUP 665	\$2,854,169	\$2,974,169	\$2,991	\$0	\$2,971,178	0.1%	12/5/96 A	4/1/2009	4/1/2009	0	7/15/2011	7/15/2011	0
S00329	* East Point Loma Trunk Sewer	\$3,280,972	\$2,806,855	\$0	\$0	\$2,806,855	0.0%	2/18/00 A	5/24/2010	5/24/2010	0	12/22/2011	12/22/2011	0
B00462	* SEWER GROUP 723	\$3,692,620	\$2,782,389	\$338,419	-\$146,567	\$2,590,537	12.2%	8/2/99 A	7/29/2011	7/29/2011	0	10/16/2013	10/28/2013	9
B00455	* SEWER GROUP 714	\$2,747,271	\$2,747,271	\$28	\$0	\$2,747,243	0.0%	1/25/99 A	3/26/2010	3/26/2010	0	10/16/2012	9/21/2012	-18
B00503	* SEWER PUMP STATION #27 - PHASE 2	\$2,738,632	\$2,738,632	\$47,437	-\$17,448	\$2,708,643	1.7%	5/21/07 A	6/25/2010	6/25/2010	0	12/4/2012	7/16/2013	164
B00371	* SEWER & WATER GROUP 768	\$2,701,671	\$2,701,671	\$6,652	\$0	\$2,695,019	0.2%	1/3/02 A	10/13/2010	10/13/2010	0	2/20/2012	2/20/2012	0
B00373	* GROUP 3015-SEWER GROUP 762	\$2,697,940	\$2,697,940	\$1,003	\$0	\$2,696,937	0.0%	5/15/02 A	7/1/2010	7/1/2010	0	6/18/2012	5/18/2012	-23
B00495	* SEWER GROUP JOB 785A ACCELERATED	\$2,649,967	\$2,649,967	\$2,157	\$0	\$2,647,810	0.1%	4/1/03 A	11/15/2010	11/15/2010	0	12/17/2012	6/21/2012	-131
B00405	* SEWER & WATER GROUP 792	\$2,334,963	\$2,334,963	\$2,824	\$0	\$2,332,139	0.1%	9/2/2002	4/28/2011	4/28/2011	0	11/30/2012	11/30/2012	0
B00359	* SEWER GROUP 750	\$2,418,040	\$2,269,499	\$0	\$0	\$2,269,499	0.0%	10/30/01 A	12/21/2009	12/21/2009	0	9/13/2011	9/13/2011	0
B00381	* SEWER & WATER GROUP 789	\$2,127,642	\$2,127,642	\$4,804	\$0	\$2,122,838	0.2%	5/16/02 A	11/17/2010	11/17/2010	0	11/26/2012	12/7/2012	8
B00419	* SEWER & WATER GROUP 822	\$2,372,516	\$1,987,516	\$1,090	\$0	\$1,986,426	0.1%	5/16/02 A	10/27/2010	10/27/2010	0	3/30/2012	3/30/2012	0
B00342	* SEWER GROUP JOB 732	\$1,378,683	\$1,943,027	\$386,219	-\$218,311	\$1,775,118	19.9%	11/17/00 A	9/27/2012	9/27/2012	0	4/18/2014	2/28/2014	-36
B00420	* SEWER & WATER GROUP JOB 799	\$1,942,197	\$1,942,197	\$21,321	\$0	\$1,920,876	1.1%	5/15/03 A	11/1/2011	11/1/2011	0	4/5/2013	10/4/2013	133
B00358	* SEWER GROUP JOB 788	\$1,791,051	\$1,791,051	\$0	\$0	\$1,791,051	0.0%	11/4/02 A	2/3/2011	2/3/2011	0	3/2/2012	3/2/2012	0
B00344	* SEWER & WATER GRP JOB 544	\$1,341,570	\$1,341,570	\$0	\$0	\$1,341,570	0.0%	3/16/99 A	10/29/2008	10/29/2008	0	5/27/2010	5/27/2010	0
B00340	* SEWER GROUP JOB 730	\$1,786,061	\$1,307,430	\$0	\$0	\$1,307,430	0.0%	11/15/00 A	2/12/2010	2/12/2010	0	6/8/2011	6/8/2011	0
B12088	* Harbor Dr 48" TS Emerg MH Repl	\$700,000	\$700,000	\$0	\$0	\$700,000	0.0%	3/12/12 A	4/13/2012	4/13/2012	0	10/17/2012	10/17/2012	0
B10224	* Sewer Pump Station 64 Force Main Repair	\$500,000	\$500,000	\$86,713	\$0	\$411,287	17.7%	6/1/10 A	12/30/2010	12/30/2010	0	1/31/2013	4/30/2013	65
B12116	3144 Canon St Sewer Replacement (PUD)	\$140,000	\$140,000	\$0	\$0	\$140,000	0.0%	8/20/12 A	N/A	N/A	-	N/A	9/28/2012	-
B12112	2018 Cypress Avenue Sewer Main Replacement (PUD)	\$100,000	\$100,000	\$0	\$0	\$100,000	0.0%	8/20/12 A	N/A	N/A	-	N/A	10/2/2012	-
B13161	3400 Addison Street Sewer Main (PUD)	\$98,000	\$98,000	\$0	\$0	\$98,000	0.0%	2/1/13 A	N/A	N/A	-	N/A	4/2/2013	-
B13162	2119 Yama Street Sewer Main (PUD)	\$98,000	\$98,000	\$0	\$0	\$98,000	0.0%	1/23/13 A	N/A	N/A	-	N/A	4/9/2013	-
B12115	44th St & Fairmount Avenue Sewer Replacement (PUD)	\$98,000	\$98,000	\$0	\$0	\$98,000	0.0%	9/1/12 A	N/A	N/A	-	N/A	1/25/2013	-
B12102	3742 Mission Blvd Sewer Main Replacement (PUD)	\$90,000	\$90,000	\$0	\$0	\$90,000	0.0%	5/10/12 A	N/A	N/A	-	N/A	6/21/2012	-
B12113	2961 K Street Sewer Replacement (PUD)	\$80,000	\$80,000	\$0	\$0	\$80,000	0.0%	9/17/12 A	N/A	N/A	-	N/A	11/9/2012	-
B18025	Oaks North Dr & Pomerado Rd Sewer Main Replacement (PUD)	\$72,000	\$72,000	\$0	\$0	\$72,000	0.0%	10/22/12 A	N/A	N/A	-	N/A	3/22/2013	-

FY14 IROC REPORT - FIRST QUARTER - WASTEWATER PROJECTS
SCHEDULE OF COST OF SERVICES STUDY (COSS) VS ACTUALS
As of September 30, 2013

NOTES:
 - Projects are listed from highest to lowest revised project cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replace with Cost of Service Study (COSS) amount
 Projects with \$1 mil or more in estimated project cost change (increase or decrease)
 Projects six or more months behind schedule in design/construction phases
 Projects on the radar

COSS = Cost of Service Study
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)
 Variance = difference between COSS BO/BU and ECP BO/BU in working days
 A = Actual Milestone

CH = Project Charter in place
 CA = Charter Amendment
 P = New Charter. Project was in planning/scope was being defined.

WASTEWATER PROJECTS									Planning/Design/Award Phase			Construction Phase			Project Charter/Amendment
Funded Program	Project Name	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY14, Period 3)	Encumbrances at FY14 Period 3	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj Cost)	Start Date	COSS Final Design Approval - End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU	BO/BU Variance	
B13024	Home Ave and Fairmount Ave Sewer Main Replacement (PUD)	\$66,000	\$66,000	\$0	\$0	\$66,000	0.0%	10/22/12 A	N/A	N/A	-	N/A	11/16/2012	-	
B13023	47 St and Ocean View Blvd Sewer Main Replacement (PUD)	\$54,000	\$54,000	-\$305	\$0	\$54,305	-0.6%	10/22/12 A	N/A	N/A	-	N/A	12/21/2012	-	
B12104	1760 Soledad Sewer Main Replacement (PUD)	\$40,000	\$40,000	\$0	\$0	\$40,000	0.0%	5/23/12 A	N/A	N/A	-	N/A	6/28/2012	-	

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WATER PROJECTS					Construction Phase					
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
S11024	Miramar Clearwell Improvements	\$79,000,000	\$79,000,000	\$0	2/26/2014	4/16/2014	36	10/3/2016	11/19/2018	570
S12015	Pacific Beach Pipeline	\$20,530,000	\$21,073,000	\$543,000	3/2/2015	5/14/2015	54	6/15/2018	5/15/2018	-23
S11022	Upas Street Pipeline Replacement	\$20,196,326	\$20,196,326	\$0	9/20/2013	4/10/2014	148	5/16/2017	11/1/2017	124
S11025	Chollas Building	\$17,700,000	\$17,700,000	\$0	6/1/2011	6/1/2011	0	9/8/2016	11/8/2016	45
S11026	Mid-City Pipeline - Ph 2 / Montezuma PPL	\$17,148,485	\$17,200,000	\$51,515	2/18/2016	1/20/2016	-21	12/21/2017	5/3/2018	98
S00050	Water Department Security Upgrades	\$16,510,466	\$16,510,465	-\$1	7/28/2011	7/28/2011	0	4/29/2014	7/7/2014	51
S10123	Water Group Job 915 (3012)	\$16,012,271	\$16,012,271	\$0	4/7/2010	4/7/2010	0	5/14/2013	5/15/2013	1
S11021	University Ave Pipeline Replacement	\$15,300,000	\$15,300,000	\$0	2/19/2013	10/18/2013	177	7/28/2015	8/2/2016	272
S12019	Scripps Ranch Pump Station (formerly B10070)	\$13,079,000	\$13,079,000	\$0	8/16/2010	8/16/2010	0	8/23/2013	2/18/2014	131
S12040	Tierrasanta (Via Dominique) Pump Station (formerly B10006)	\$7,468,000	\$11,228,000	\$3,760,000	4/19/2013	10/24/2013	138	10/29/2014	5/11/2015	142
S12028	Harbor Drive Pipelines Replacement	\$11,540,000	\$10,171,000	-\$1,369,000	9/30/2011	9/30/2011	0	9/4/2013	9/26/2013	16
B11070	La Jolla View Reservoir	\$9,670,000	\$9,670,000	\$0	12/31/2013	2/10/2014	30	12/11/2015	1/22/2016	31
S11108	Water Group 787	\$9,236,125	\$9,174,252	-\$61,873	3/1/2011	3/1/2011	0	7/1/2013	7/1/2013	0
B11023	College Ranch Hydro Pump Station	\$7,221,000	\$7,429,510	\$208,510	11/14/2013	11/13/2013	-1	1/6/2016	2/8/2016	24
S11027	Otay 1st/2nd Pipeline Abandonment East of Highland	\$7,300,000	\$7,221,721	-\$78,279	6/20/2013	7/25/2013	26	7/14/2015	12/3/2014	-164
B00018	Sewer and Water Group 616	\$5,511,854	\$7,129,949	\$1,618,095	12/4/2012	2/19/2013	56	5/7/2014	6/20/2014	32
B10176	Water Group Job 926	\$7,120,332	\$7,120,331	-\$1	7/28/2011	7/28/2011	0	5/28/2014	7/15/2014	35
B11045	Water Group Job 949	\$4,510,598	\$6,496,010	\$1,985,412	5/16/2012	5/16/2012	0	1/12/2015	2/10/2015	21
S10055	Lindbergh Field 16" Cast Iron Main Replacement	\$6,820,000	\$6,297,662	-\$522,338	11/30/2011	11/30/2011	0	7/18/2013	7/18/2013	0
B11024	La Jolla Country Club Reservoir	\$6,025,000	\$6,025,000	\$0	12/13/2012	10/2/2013	215	11/20/2014	9/10/2015	216
B00125	Water Group 914 CI (PB)	\$6,044,246	\$6,021,478	-\$22,768	2/23/2012	2/23/2012	0	12/13/2013	12/13/2013	0
S10013	Barrett Flume Cover (PUD)	TBD	\$5,992,340	-	TBD	8/4/2016	-	TBD	5/25/2022	-
S00041	Morena Reservoir Outlet Tower Upgrade	\$5,680,000	\$5,680,000	\$0	3/4/2013	3/28/2013	18	1/26/2015	12/16/2014	-30
B11137	Water Group Job 958	\$5,156,200	\$5,156,200	\$0	10/15/2012	12/14/2012	44	4/1/2014	4/1/2014	0
B00032	Water Group Job 525C	\$4,889,745	\$4,889,744	-\$1	7/20/2012	2/18/2014	424	2/10/2014	11/5/2015	464
B11006	Water Group Job 936	\$4,848,050	\$4,848,050	\$0	7/17/2013	7/17/2013	0	6/30/2015	6/30/2015	0
S11105	WDSU - Enclosed Pumps - PH. II	\$2,920,000	\$4,590,000	\$1,670,000	9/20/2011	9/20/2011	0	7/24/2013	8/21/2013	21
B11036	Water Group Job 940	\$5,160,250	\$4,586,431	-\$573,819	1/28/2014	1/28/2014	0	4/29/2016	4/29/2016	0
B11038	Water Group Job 942	\$2,833,458	\$4,418,000	\$1,584,542	5/23/2014	5/23/2014	0	11/5/2015	11/5/2015	0

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WATER PROJECTS					Construction Phase					
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
B11042	Water Group Job 946	\$1,337,648	\$4,351,853	\$3,014,205	10/10/2012	10/10/2012	0	2/9/2015	3/5/2015	18
B10190	Water and Sewer Group Job 930 (W)	\$3,150,766	\$3,988,025	\$837,259	9/19/2012	12/5/2012	56	2/19/2014	3/18/2014	20
B10172	Water Group Job 922	\$3,617,000	\$3,759,350	\$142,350	5/13/2011	5/13/2011	0	12/24/2013	12/24/2013	0
S10008	El Monte Raw Water (PUD)	\$2,435,100	\$3,748,000	\$1,312,900	N/A	N/A	-	TBD	N/A	-
B00155	Catalina Standpipe Renovation	\$2,540,000	\$3,425,600	\$885,600	10/1/2010	10/1/2010	0	9/25/2013	9/25/2013	0
B00108	Water & Sewer Group 814	\$122,741	\$3,328,500	\$3,205,759	5/6/2013	12/2/2014	422	2/17/2016	9/5/2017	415
B11154	Water and Sewer Group Job 957 (W)	\$3,058,228	\$3,058,228	\$0	10/17/2012	12/4/2012	35	3/19/2014	2/27/2014	-15
B10188	Water Group Job 928	\$2,322,924	\$2,896,826	\$573,902	9/19/2011	9/19/2011	0	5/29/2013	6/25/2013	20
B11044	Water Group Job 948	\$1,874,890	\$2,890,500	\$1,015,610	TBD	2/6/2015	-	TBD	6/23/2016	-
B11040	Water Group Job 944	\$2,450,000	\$2,860,000	\$410,000	12/9/2014	12/9/2014	0	6/27/2016	6/27/2016	0
B00102	Sewer & Water Group 809	\$2,836,439	\$2,836,439	\$0	12/14/2012	2/26/2013	54	10/10/2014	10/10/2014	0
B11138	Water Group Job 959	\$2,753,188	\$2,807,645	\$54,457	10/15/2012	1/10/2013	64	11/20/2013	12/6/2013	12
B10189	Water and Sewer Group Job 929 (W)	\$3,710,443	\$2,705,148	-\$1,005,295	2/7/2012	2/7/2012	0	4/19/2013	5/20/2013	23
B11041	Water Group Job 945	\$2,604,610	\$2,604,610	\$0	1/11/2013	3/11/2013	43	5/15/2014	5/15/2014	0
B00131	Water Group 525 E	\$2,583,375	\$2,583,375	\$0	10/23/2012	2/18/2014	354	5/15/2014	11/4/2015	395
B12072	Water Group Job 963	TBD	\$2,572,400	-	TBD	1/8/2015	-	TBD	8/25/2016	-
S11107	WDSU - Water Tanks & Standpipes - PH. II	\$1,200,000	\$2,402,000	\$1,202,000	9/20/2011	9/20/2011	0	7/24/2013	8/21/2013	21
B13011	Sewer & Water GJ Crown Pt s La Playa (W)	\$2,195,550	\$2,195,550	\$0	4/8/2013	4/8/2013	0	3/14/2017	3/14/2017	0
B11007	Water Group Job 937	\$1,925,795	\$2,144,110	\$218,315	9/3/2013	11/4/2013	45	12/12/2014	12/30/2014	13
B11048	Water Group Job 952	\$2,100,000	\$2,100,000	\$0	TBD	10/16/2014	-	TBD	12/1/2015	-
B12057	Water & Sewer Group 965 (W)	TBD	\$2,031,992	-	TBD	6/4/2014	-	TBD	12/16/2015	-
S00044	Lower Otay Reservoir Emergency Outlet Improvements	\$2,000,000	\$2,000,000	\$0	10/21/2011	5/3/2013	411	10/31/2012	3/12/2014	364
B00080	Sewer & Water GJ 761	\$1,208,356	\$1,997,868	\$789,512	6/28/2012	6/28/2012	0	1/8/2014	1/8/2014	0
B12077	Water Group Job 962	\$1,990,000	\$1,990,000	\$0	TBD	2/26/2014	-	TBD	4/29/2015	-
B11035	Water Group Job 939	\$1,855,000	\$1,855,000	\$0	TBD	3/6/2014	-	TBD	7/31/2015	-
S11059	Otay Water Treatment Plant Concrete Work	\$1,000,000	\$1,806,431	\$806,431	4/19/2012	4/19/2012	0	10/21/2013	10/21/2013	0
B00110	Sewer & Water Group 820	\$1,037,165	\$1,799,591	\$762,426	9/10/2012	12/4/2012	62	9/30/2014	9/30/2014	0
B10187	Water and Sewer Group 954 (W)	\$2,964,650	\$1,746,210	-\$1,218,440	5/14/2015	5/14/2015	0	10/12/2016	10/12/2016	0
B11049	Water Group Job 953	\$1,622,000	\$1,698,319	\$76,319	9/11/2012	11/16/2012	48	4/25/2014	5/27/2014	23
B11004	Water and Sewer GJ934 (W)	\$1,585,170	\$1,693,320	\$108,150	9/4/2013	4/15/2013	-104	3/11/2015	10/15/2014	-108

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WATER PROJECTS					Construction Phase					
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
B12092	AC Shawnee Road Emergency PPL Replacement	\$1,655,000	\$1,655,000	\$0	5/3/2012	5/3/2012	0	2/8/2013	2/8/2013	0
B00161	Pacific Highlands Ranch Recycled Water Pipeline (PUD)	\$1,448,345	\$1,600,000	\$151,655	10/28/2011	10/28/2011	0	6/30/2014	6/30/2014	0
B00035	Sewer & Water Group 694	\$1,438,490	\$1,548,010	\$109,520	12/6/2013	12/6/2013	0	10/12/2015	10/12/2015	0
B11005	Water Group Job 935	\$1,564,977	\$1,447,395	-\$117,582	8/31/2012	8/31/2012	0	9/24/2013	9/4/2013	-15
B11153	Water and Sewer Group Job 956 (W)	\$1,230,806	\$1,360,221	\$129,415	9/19/2012	11/1/2012	32	2/19/2014	8/19/2013	-135
B11043	Water Group Job 947	\$1,757,094	\$1,351,439	-\$405,655	6/27/2013	10/12/2012	-189	11/12/2014	4/2/2014	-164
B12051	Water Group 961	\$1,258,655	\$1,258,655	\$0	7/25/2013	7/25/2013	0	9/10/2014	9/10/2014	0
B11037	Water Group Job 941	\$1,309,750	\$1,164,503	-\$145,247	8/10/2012	8/10/2012	0	10/16/2013	8/21/2013	-41
B11101	Juan Street - Water Pipeline Replacement	\$1,100,000	\$1,100,000	\$0	2/15/2012	2/20/2013	272	6/7/2013	6/12/2014	271
B00081	Sewer & Water Group Job 685	\$1,060,245	\$1,060,245	\$0	9/4/2012	10/29/2012	40	5/26/2015	9/24/2014	-179
B00044	Sewer & Water Group 711 (CC5) (02)-1	\$1,045,229	\$1,045,230	\$1	10/2/2014	8/19/2016	504	6/1/2016	4/19/2018	504
S11106	WDSU - Reservoirs & Dams - PH. II	\$1,000,000	\$1,000,000	\$0	11/1/2011	11/21/2011	15	9/6/2013	7/24/2014	235
B10200	Camino Del Sur Pipeline - North of SRS56	\$992,500	\$992,500	\$0	2/7/2013	10/11/2012	-87	6/5/2014	5/2/2014	-25
S10010	Recycled Water System Upgrades	\$910,000	\$910,000	\$0	2/1/2012	2/1/2012	0	2/18/2014	9/4/2014	145
B00095	Manning Canyon Sewer and Water Replacement (W)	\$1,053,278	\$831,638	-\$221,640	2/4/2014	2/4/2014	0	7/15/2015	7/15/2015	0
B12098	CI - Palm Ave. Meter Emerg CI Replac.(W)	\$700,000	\$769,452	\$69,452	12/21/2012	12/21/2012	0	5/28/2013	5/28/2013	0
B00114	Sewer & Water Group 687B	\$758,338	\$758,338	\$0	6/1/2012	12/6/2012	138	10/15/2014	6/12/2014	-92
B11066	San Pasqual USGS Monitoring Wells (PUD)	\$742,000	\$742,000	\$0	N/A	N/A	-	12/31/2013	12/31/2013	0
B00099	Sewer & Water Group 770	\$735,159	\$735,159	\$0	8/1/2012	10/29/2012	65	11/12/2013	1/10/2014	43
B12110	Caltrans Pacific Beach PPL Central (W)	\$694,500	\$694,500	\$0	9/2/2014	4/25/2014	-95	7/11/2018	8/8/2017	-247
B10165	Scripps Ranch Reservoir Slope Repair & Bracket Rpl	\$518,000	\$633,800	\$115,800	10/10/2012	12/19/2012	51	12/16/2013	1/2/2014	12
B00074	Sewer & Water Group 758	\$124,028	\$630,411	\$506,383	9/13/2011	9/13/2011	0	8/19/2014	7/17/2014	-24
B00059	Water Group Job 732	\$628,167	\$628,167	\$0	11/1/2010	9/27/2012	510	8/20/2012	4/17/2014	444
B11039	Water Group Job 943	\$1,520,564	\$619,500	-\$901,064	7/30/2013	7/30/2013	0	9/26/2014	9/26/2014	0
B00037	Sewer and Water GJ 695 (W)	\$1,329,688	\$615,912	-\$713,776	2/26/2013	8/7/2013	119	9/22/2014	3/23/2015	133
B13082	Rancho Santa Fe Farm Rd Water Main	\$582,000	\$582,000	\$0	6/10/2013	9/3/2013	62	2/6/2014	5/2/2014	62
B12016	Water Group Job 960	\$600,000	\$509,366	-\$90,634	5/24/2012	1/15/2013	173	1/29/2013	11/8/2013	208
B00039	Sewer & Water Group 701	\$326,720	\$326,720	\$0	10/17/2012	4/14/2014	399	12/31/2013	9/17/2015	458
B00149	Westview Community Park (PUD)	\$224,687	\$224,687	\$0	8/25/2010	N/A	-	7/1/2013	N/A	-
B00139	Park Village Extension (PUD)	\$160,000	\$165,274	\$5,274	4/26/2013	12/6/2013	164	TBD	N/A	-

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WATER PROJECTS					Construction Phase					
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
B12045	Sewer & Water Group 815 (W)	\$130,500	\$130,500	\$0	10/29/2013	10/29/2013	0	2/11/2015	2/11/2015	0
B00148	South Village Park (PUD)	TBD	\$10,000	-	TBD	N/A	-	TBD	N/A	-
S13015	Water & Sewer Group Job 816 (W)	\$9,747,900	\$0	-\$9,747,900	2/11/2014	TBD	-	6/8/2017	TBD	-
B13158	Lake Hodges Dam Modification	\$3,000,000	\$0	-\$3,000,000	1/16/2015	TBD	-	5/12/2017	TBD	-
B13196	F Street CI Water Mains	\$1,000,000	\$0	-\$1,000,000	3/6/2013	TBD	-	5/21/2013	TBD	-
B13185	AC Water Group Job Meade Avenue	\$500,000	\$0	-\$500,000	2/26/2013	TBD	-	5/29/2013	TBD	-
B12058	Water and Sewer Group 967 (W)	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
B12086	CI - Water and Sewer Group Job 966 (W)	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
B13186	Water and Sewer GJ 955 (W)	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
B13201	Sewer & AC Water Group 764A (W)	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
S00059	WDSU - Pipelines (30" & Larger)	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
S12011	69th & Mohawk Pump Station	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
S13016	Miramar Contract A Roof System Redesign	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
TBD	AC Main Replacement	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
B13202	Willow St. Bridge 48" Steel PPL UA (PUD)	TBD	TBD	-	TBD	TBD	-	TBD	TBD	-
	POST CONSTRUCTION/COMPLETE PROJECTS									0
S00022	Alvarado WTP-Ozone Improvements (PH IV)	\$61,166,435	\$61,166,485	\$50	9/5/2007	9/5/2007	0	11/16/2010	11/16/2010	0
S00030	Otay Water Treatment Plant Upgrade & Expansion	\$26,702,441	\$26,702,441	\$0	10/22/2004	10/22/2004	0	12/8/2010	12/8/2010	0
S10127	Advanced Water Treatment Demo Plant (IPR/RA) (PUD)	\$7,200,000	\$7,200,000	\$0	12/23/2010	12/23/2010	0	6/16/2011	6/16/2011	0
B00105	Sewer & Water Group 799	\$5,695,150	\$5,731,492	\$36,342	10/5/2011	10/5/2011	0	4/4/2013	4/4/2013	0
B10174	Water Group Job 924	\$5,596,311	\$5,596,311	\$0	-	-	-	9/21/2012	12/5/2012	55
B00066	Water Group 910	\$5,006,701	\$5,207,964	\$201,263	9/14/2010	9/14/2010	0	6/19/2012	1/2/2013	144
B00160	Los Penasquitos Canyon / Camino Ruiz RW Pipeline	\$6,420,255	\$5,166,739	-\$1,253,516	5/31/2011	5/31/2011	0	10/25/2012	9/29/2012	-19
B00086	Sewer & Water Group 789	\$5,159,940	\$5,159,940	\$0	11/17/2010	11/17/2010	0	9/6/2012	11/26/2012	59
B00020	Water Group 532	\$5,307,561	\$5,159,160	-\$148,401	6/18/2008	6/18/2008	0	9/16/2011	10/7/2010	-252
B10173	Water Group Job 923	\$5,651,295	\$4,911,561	-\$739,734	9/1/2011	9/1/2011	0	4/12/2013	4/12/2013	0
B00031	Group Job 525B	\$4,427,959	\$4,427,958	-\$1	10/11/2010	10/11/2010	0	6/11/2012	12/6/2012	131
B10175	Water Group Job 925	\$3,948,135	\$3,938,135	-\$10,000	1/5/2011	1/5/2011	0	1/29/2013	2/28/2013	22
B00158	Carmel Valley	\$3,805,170	\$3,805,170	\$0	-	-	-	10/24/2011	5/11/2012	147
S00028	Miramar WTP Landscape & Site Improvement	\$3,246,747	\$3,171,746	-\$75,001	10/18/2010	10/18/2010	0	11/27/2012	12/21/2012	18

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WATER PROJECTS					Construction Phase					
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
B10171	Water Group Job 921	\$3,122,000	\$3,107,000	-\$15,000	11/4/2010	11/4/2010	0	10/2/2012	2/27/2013	109
S00004	Torrey Pines/La Jolla Blvd Phase 3B	\$3,085,318	\$3,085,318	\$0	3/16/2011	3/16/2011	0	7/2/2012	7/2/2012	0
B00046	Group Job 544	\$2,614,770	\$2,614,770	\$0	10/29/2008	10/29/2008	0	9/21/2011	9/21/2011	0
B00123	Water Group 909 CI Phase I	\$2,551,170	\$2,551,169	-\$1	12/30/2009	12/30/2009	0	11/18/2011	11/15/2011	-2
B00124	Water Group 909 CI Phase II	\$2,470,268	\$2,470,267	-\$1	12/30/2009	12/30/2009	0	11/18/2011	11/15/2011	-2
B00130	Water Group 919 CI	\$3,245,232	\$2,308,708	-\$936,524	7/18/2011	7/18/2011	0	10/5/2012	11/15/2012	30
B00168	Groundwater Pilot Production Wells (PUD)	\$8,165,621	\$2,032,036	-\$6,133,585	1/31/2011	1/31/2011	0	6/30/2015	12/31/2013	-400
B10191	Water Group Job 931	\$4,691,923	\$1,938,543	-\$2,753,380	12/5/2011	12/5/2011	0	11/30/2012	12/6/2012	4
B00093	Sewer & Water Group Job 781	\$1,914,199	\$1,914,199	\$0	8/24/2010	8/24/2010	0	11/19/2012	1/4/2013	34
B00077	Group 3013 - Water Group 764	\$1,552,579	\$1,552,579	\$0	9/16/2009	9/16/2009	0	9/6/2011	4/16/2012	164
B00100	Sewer & Water Group 792	\$1,613,162	\$1,511,162	-\$102,000	4/28/2011	4/28/2011	0	8/7/2012	11/30/2012	84
B00098	Group 3013 - Water Group 821	\$1,450,039	\$1,499,825	\$49,786	9/16/2009	9/16/2009	0	9/6/2011	4/16/2012	164
S11102	Colony Hill Water Main Relocation	\$1,503,900	\$1,460,250	-\$43,650	-	-	-	6/6/2012	9/18/2012	76
B00103	Sewer & Water Group 822	\$1,366,592	\$1,366,591	-\$1	10/27/2010	10/27/2010	0	6/29/2012	12/31/2012	136
B00091	Sewer & Water GI 774	\$978,624	\$1,352,783	\$374,159	11/18/2010	11/18/2010	0	9/21/2012	11/1/2012	30
B00082	Sewer & Water Group 768	\$1,414,183	\$1,345,275	-\$68,908	10/13/2010	10/13/2010	0	2/20/2012	2/20/2012	0
S10005	El Capitan Pipeline #2	\$716,000	\$1,287,928	\$571,928	3/28/2012	3/28/2012	0	6/4/2013	10/18/2013	100
B00143	San Carlos Reservoir Interior Enhancement	\$1,159,022	\$1,284,022	\$125,000	5/11/2010	5/11/2010	0	3/7/2012	12/31/2012	219
B00057	Water Group Job 730	\$1,264,336	\$1,264,335	-\$1	2/12/2010	2/12/2010	0	6/8/2011	6/8/2011	0
B00084	Group 3013 - Water Group 764A	\$1,185,495	\$1,185,494	-\$1	9/16/2009	9/16/2009	0	9/6/2011	4/16/2012	164
B00013	Caltrans - Carroll Cnyn Br-I15 14" 16" Recl Wtr (Completed) (PUD)	\$1,175,522	\$1,175,522	\$0	TBD	1/4/2008	-	TBD	2/22/2012	-
B00097	Sewer & Water Group 779	\$736,282	\$847,361	\$111,079	5/31/2011	5/31/2011	0	4/4/2012	4/4/2012	0
B00050	Group Job 723	\$544,633	\$806,680	\$262,047	7/29/2011	7/29/2011	0	7/22/2013	10/16/2013	63
B00092	Sewer & Water Group Job 780	\$786,664	\$786,664	\$0	8/30/2010	8/30/2010	0	6/15/2012	10/22/2012	95
B12041	Water Group 964 (W)	\$700,000	\$729,137	\$29,137	4/6/2012	4/6/2012	0	1/9/2013	1/9/2013	0
B11047	Water Group Job 951	\$1,713,686	\$726,378	-\$987,308	3/6/2012	3/6/2012	0	5/22/2012	7/25/2012	47
B00056	Water Group Job 728	\$675,159	\$675,158	-\$1	1/6/2010	1/6/2010	0	8/1/2011	9/13/2011	32
B10154	Water Group 787M2	\$649,271	\$649,271	\$0	9/22/2010	9/22/2010	0	4/19/2012	4/19/2012	0
B00106	Sewer & Water Group 788	\$478,223	\$643,964	\$165,741	6/26/2012	6/26/2012	0	5/16/2014	6/13/2014	21
B00120	Water Group 907 CI	\$798,042	\$598,036	-\$200,006	6/27/2011	6/27/2011	0	2/13/2012	4/10/2012	42

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WASTEWATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WASTEWATER PROJECTS					Planning/Design/Award Phase			Construction Phase		
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
METRO FUNDED										
S00315	Point Loma Grit Processing Improvements	\$32,922,630	\$32,922,630	\$0	9/30/2010	9/30/2010	0	12/17/2013	12/17/2013	0
S00312	PS2 Power Reliability & Surge Protection	\$31,500,000	\$31,200,000	-\$300,000	9/23/2014	3/18/2015	129	11/17/2016	5/12/2017	129
S00339	MBC Dewatering Centrifuges Replacement	\$12,000,000	\$12,000,000	\$0	3/21/2012	3/21/2012	0	8/17/2015	1/12/2016	109
S00317	South Metro Sewer Rehabilitation Phase 3B (PUD)	TBD	\$9,214,957	-	TBD	12/8/2015	-	TBD	11/22/2017	-
S00322	MBC Biosolids Storage Silos	\$7,553,500	\$7,553,500	\$0	-	11/15/2012	-	-	10/7/2014	-
S00314	Wet Weather Storage Facility (PUD)	\$112,001,859	\$7,272,127	-\$104,729,732	TBD	3/7/2016	-	TBD	1/24/2018	-
B11025	Rose Canyon TS (RCTS) Joint Repair	\$6,233,000	\$6,233,000	\$0	-	3/13/2013	-	-	8/27/2015	-
S00323	MBC Odor Control Facility Upgrades	\$5,200,000	\$6,200,000	\$1,000,000	12/5/2012	11/19/2013	256	11/28/2014	11/12/2015	256
B10178	MBC Chemical System Improvements Phase 2	\$5,070,000	\$5,070,000	\$0	3/29/2013	10/4/2013	139	9/26/2014	4/8/2015	142
B11139	North City Cogeneration Facility Expansion (PUD)	\$4,200,000	\$4,200,000	\$0	7/9/2012	12/16/2011	-151	4/30/2013	3/26/2013	-26
S00310	SBWR Plant Demineralization	\$3,279,133	\$3,279,133	\$0	11/30/2012	11/30/2012	0	10/2/2013	10/2/2013	0
L100002	Ovation Upgrade at North City WRP	\$3,070,000	\$3,070,000	\$0	3/22/2010	3/22/2010	0	6/5/2014	6/5/2014	0
S00319	EMT&S Boat Dock & Steam Line Relocation (PUD)	\$2,304,000	\$2,018,535	-\$285,465	6/30/2013	5/30/2014	245	6/30/2016	12/23/2015	-139
B11098	W PTL Intercept & PS 2 FM Siphon Repair (PUD)	\$1,500,000	\$1,500,000	\$0	12/24/2012	12/24/2012	0	12/31/2013	6/30/2014	133
S00309	NCWRP Sludge Pump Station Upgrade	\$626,294	\$636,294	\$10,000	1/27/2012	1/27/2012	0	2/5/2013	6/5/2013	88
B11076	PTLWTP PC 6 Transformer Cabinet & Switchboard Repl	\$300,000	\$400,000	\$100,000	1/21/2011	1/21/2011	0	6/14/2012	3/7/2013	195
POST CONSTRUCTION - METRO FUNDED										
B00313	PS 1&2 ELECTRICAL UPG & NEW BLDG AT PS2	\$9,935,000	\$9,935,000	\$0	-	-	-	11/30/2011	3/4/2013	337
B10085	PTL Sedimentation Basins Equip Refurbish	\$8,386,630	\$7,954,500	-\$432,130	5/6/2011	5/6/2011	0	5/2/2013	5/2/2013	0
L100001	Ovation Upgrade at Pt Loma Wastewater Trmt Plant	\$4,180,000	\$4,180,000	\$0	3/22/2010	3/22/2010	0	2/6/2013	2/6/2013	0
B00528	MBC WATER SYSTEMS IMPROVEMENTS	\$1,179,355	\$1,179,355	\$0	-	-	-	2/13/2012	2/13/2012	0
B00316	MBC ACCESS ROAD DRAINAGE IMPROVEMENTS (A	\$288,184	\$288,184	\$0	5/25/2011	5/25/2011	0	5/1/2012	5/1/2012	0
METRO/MUNI FUNDED										
S12036	Backup Generators at Sewer PS's, TP, & EMTS (PUD)	\$17,745,600	\$17,745,600	\$0	10/1/2013	9/23/2013	-6	4/30/2015	10/30/2014	-133
MUNI FUNDED										
S00308	Pump Station 84 Upgrade & Pump Station 62 Abandon	\$13,265,500	\$9,320,400	-\$3,945,100	9/21/2011	9/21/2011	0	6/27/2013	6/27/2013	0
B13012	PIPELINE REHABILITATION U-1	\$7,285,000	\$8,200,800	\$915,800	6/3/2013	2/22/2013	-74	2/19/2015	9/3/2014	-124
B00387	SEWER GROUP JOB 776	\$4,113,888	\$7,922,882	\$3,808,994	TBD	3/6/2015	-	TBD	5/9/2017	-
B13094	PIPELINE REHABILITATION Y-1	\$6,977,380	\$6,977,380	\$0	4/22/2013	4/22/2013	0	6/1/2015	6/1/2015	0
B10210	Sewer & Water GJ Crown Pt s La Playa (S)	\$6,936,750	\$6,936,750	\$0	10/3/2013	4/8/2013	-131	9/11/2017	3/14/2017	-133
B00445	WATER & SEWER GROUP 687B	\$6,748,442	\$6,748,441	-\$1	6/1/2012	12/6/2012	138	10/15/2014	6/12/2014	-92
B13013	PIPELINE REHABILITATION V-1	\$6,595,000	\$6,595,000	\$0	6/24/2013	6/24/2013	0	2/10/2015	2/10/2015	0
B11074	PIPELINE REHABILITATION Q-1	\$6,543,000	\$6,027,335	-\$515,665	9/6/2011	9/6/2011	0	6/26/2013	6/24/2013	-1

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WASTEWATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WASTEWATER PROJECTS					Planning/Design/Award Phase			Construction Phase		
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
B00306	PS 65 CAPACITY UPGRADE (AA 419270)	\$3,911,508	\$6,000,000	\$2,088,492	5/1/2012	5/1/2012	0	3/4/2014	3/12/2014	6
B11120	PIPELINE REHABILITATION T-1	\$7,155,975	\$5,975,400	-\$1,180,575	9/28/2012	10/9/2012	8	3/18/2014	4/17/2014	22
B00368	SEWER GROUPS 764	\$5,856,657	\$5,856,656	-\$1	TBD	1/12/2015	-	TBD	10/24/2016	-
B00403	SEWER GROUP JOB 807	\$5,375,708	\$5,375,708	\$0	TBD	4/14/2017	-	TBD	9/25/2018	-
B00365	SEWER & WATER GROUP 758	\$3,445,600	\$5,229,600	\$1,784,000	9/13/2011	9/13/2011	0	4/9/2014	7/17/2014	73
B11078	PIPELINE REHABILITATION S-1	\$5,390,790	\$5,216,044	-\$174,746	4/2/2012	4/2/2012	0	12/17/2013	11/19/2013	-21
B00333	CITY HEIGHTS: GRP 685	\$5,172,341	\$5,172,339	-\$2	8/1/2012	10/29/2012	65	5/26/2015	9/24/2014	-179
B00504	Manning Canyon Sewer and Water Replacement	\$4,108,917	\$4,998,185	\$889,268	2/4/2014	2/4/2014	0	7/15/2015	7/15/2015	0
B00426	SEWER GROUP 812	\$4,988,826	\$4,988,826	\$0	TBD	7/6/2015	-	TBD	3/27/2017	-
S00304	PS Upgrades Group II Cnty Wide	\$4,883,224	\$4,883,223	-\$1	5/14/2009	5/14/2009	0	1/25/2013	6/13/2013	102
B00460	SEWER GROUP 721	\$4,983,712	\$4,878,277	-\$105,435	1/28/2014	1/28/2014	0	7/10/2015	7/10/2015	0
B00380	SEWER GROUP 764A	\$4,852,242	\$4,852,241	-\$1	TBD	1/12/2015	-	TBD	10/24/2016	-
B11062	PIPELINE REHABILITATION R-1	\$5,710,400	\$4,845,971	-\$864,429	3/5/2012	3/6/2012	1	7/26/2013	8/1/2013	4
B00429	BUCHANAN CANYON SEWER B	\$3,791,396	\$4,841,396	\$1,050,000	8/9/2012	2/6/2013	133	12/26/2013	6/24/2014	132
B00494	TS #56 & #18 Improvements	\$4,772,935	\$4,772,935	\$0	TBD	10/20/2015	-	TBD	4/5/2017	-
B00393	SEWER & WATER GJ 787	\$4,643,452	\$4,743,451	\$99,999	5/31/2012	9/4/2012	70	5/2/2014	8/13/2014	76
B00379	SEWER GROUP JOB 788	\$4,425,026	\$4,721,588	\$296,562	6/26/2012	6/26/2012	0	5/16/2014	6/13/2014	21
B00413	SEWER GROUP 821	\$4,606,854	\$4,606,853	-\$1	TBD	1/12/2015	-	TBD	10/24/2016	-
B11060	PIPELINE REHABILITATION - PHASE F-2 (LATERALS)	\$4,600,000	\$4,600,000	\$0	6/20/2013	6/20/2013	0	9/23/2014	9/23/2014	0
B00448	SEWER & WATER GROUP 694	\$3,795,800	\$4,597,426	\$801,626	12/6/2013	12/6/2013	0	10/12/2015	10/12/2015	0
B00459	SEWER GROUP 720	\$4,544,963	\$4,563,856	\$18,893	7/29/2013	7/29/2013	0	10/13/2015	10/13/2015	0
B00416	Sewer & Water Group Job 809	\$4,518,747	\$4,518,747	\$0	12/14/2012	2/26/2013	54	10/10/2014	11/28/2014	36
B00414	SEWER GROUP 818	\$4,512,692	\$4,512,692	\$0	TBD	10/29/2015	-	TBD	7/31/2017	-
B00421	SEWER GROUP 786	\$4,144,431	\$4,383,130	\$238,699	TBD	1/20/2015	-	TBD	1/26/2017	-
B11112	Alvarado Trunk Sewer Phase IIIA	\$2,700,000	\$4,336,646	\$1,636,646	5/27/2011	5/27/2011	0	5/22/2013	5/22/2013	0
B00383	Sewer Group 785	\$4,195,977	\$4,195,977	\$0	TBD	3/27/2015	-	TBD	9/7/2016	-
B00417	SEWER & WATER GJ 810	\$4,145,949	\$4,145,949	\$0	TBD	1/28/2015	-	TBD	11/20/2017	-
B12042	Sewer and Water Group Job 940 (S)	\$4,117,660	\$4,117,660	\$0	1/28/2014	1/28/2014	0	4/29/2016	4/29/2016	0
B00395	Sewer Group 794	\$4,091,924	\$4,091,924	\$0	TBD	2/4/2016	-	TBD	8/17/2017	-
B00388	SEWER & WATER GROUP JOB 778	\$4,010,183	\$4,010,183	\$0	TBD	10/13/2014	-	TBD	6/30/2016	-
B11030	Pipeline Rehabilitation - Phase I-2 (Laterals)	\$4,000,000	\$4,000,000	\$0	3/15/2013	9/27/2013	144	6/4/2014	12/17/2014	144
B11061	PIPELINE REHABILITATION - PHASE J-2 (LATERALS)	\$4,000,000	\$4,000,000	\$0	10/14/2014	10/14/2014	0	11/23/2015	11/23/2015	0
B00382	SEWER GROUP 820	\$3,558,665	\$3,925,483	\$366,818	9/10/2012	12/4/2012	62	9/30/2014	9/30/2014	0
B00490	Penasquitos North Trunk Sewer	\$3,661,452	\$3,661,452	\$0	TBD	7/8/2015	-	TBD	12/16/2016	-

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WASTEWATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WASTEWATER PROJECTS					Planning/Design/Award Phase			Construction Phase		
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
B00378	SEWER GROUP JOB 784	\$3,578,809	\$3,578,808	-\$1	2/15/2011	2/15/2011	0	4/24/2014	5/27/2014	24
B00435	SEWER GJ 814	\$2,952,429	\$3,542,029	\$589,600	5/6/2013	12/2/2014	422	2/17/2016	9/5/2017	415
B00372	SEWER & WATER GROUP JOB 761	\$3,777,689	\$3,529,041	-\$248,648	6/28/2012	6/28/2012	0	1/8/2014	1/8/2014	0
B00447	SEWER & WATER GROUP 693 (GP3) (05)	\$3,491,566	\$3,491,566	\$0	5/22/2012	5/22/2012	0	7/18/2014	7/18/2014	0
B13014	PIPELINE REHABILITATION W-1	\$5,035,850	\$3,344,413	-\$1,691,437	4/30/2013	4/30/2013	0	6/30/2014	6/30/2014	0
B00442	SEWER GROUP 549	\$4,544,800	\$3,322,949	-\$1,221,851	1/27/2012	3/26/2012	43	4/24/2014	5/27/2014	24
B00449	SEWER & WATER GROUP 695	\$3,521,791	\$3,312,927	-\$208,864	2/26/2013	8/7/2013	119	9/22/2014	3/23/2015	133
B00452	SEWER & WATER GROUP 701	\$3,209,020	\$3,209,020	\$0	3/11/2014	4/14/2014	25	8/14/2015	9/17/2015	25
B00433	Mission Center Canyon C Swr	\$3,153,159	\$3,153,159	\$0	TBD	2/5/2015	-	TBD	6/20/2016	-
B00461	TALMADGE - GROUP 703A	\$3,645,625	\$3,144,675	-\$500,950	5/10/2012	1/31/2013	195	5/15/2015	6/10/2014	-249
B00337	SEWER GROUP JOB 727	\$3,836,901	\$3,055,368	-\$781,533	9/16/2013	10/8/2013	16	3/2/2015	3/2/2015	0
B00446	SEWER GROUP 691	\$2,960,655	\$2,907,217	-\$53,438	11/4/2013	11/4/2013	0	4/20/2015	6/16/2015	42
B12117	PACIFIC BEACH PIPELINE SOUTH (S)	\$2,788,500	\$2,813,500	\$25,000	3/2/2015	5/14/2015	54	6/15/2018	5/15/2018	-23
B11077	Sewer Group 767A	\$2,744,345	\$2,744,345	\$0	3/20/2014	3/20/2014	0	6/1/2015	6/1/2015	0
B00353	Sewer Group 743	\$1,363,300	\$2,704,415	\$1,341,115	3/3/2014	7/11/2014	95	2/23/2016	4/25/2016	45
B00345	SEWER GROUP 735	\$3,040,971	\$2,492,006	-\$548,965	9/16/2013	10/8/2013	16	3/2/2015	3/2/2015	0
B00346	SEWER GROUP 697A	\$2,286,693	\$2,286,693	\$0	TBD	11/16/2015	-	TBD	1/10/2017	-
B00410	SEWER GJ 770	\$2,182,420	\$2,202,419	\$19,999	8/1/2012	10/29/2012	65	11/12/2013	1/10/2014	43
B00415	SEWER GJ 815	\$1,975,082	\$1,997,581	\$22,499	10/29/2013	10/29/2013	0	2/11/2015	2/11/2015	0
B00412	SEWER GROUP 808	\$1,754,216	\$1,754,216	\$0	12/19/2013	6/26/2014	139	2/13/2015	8/19/2015	137
B12048	Water and Sewer Group 965 (S)	\$1,716,335	\$1,716,335	\$0	TBD	6/4/2014	-	TBD	12/16/2015	-
B00500	SKYLARK CNYN SWR PS	\$1,714,046	\$1,714,046	\$0	2/19/2014	3/14/2014	17	7/28/2015	8/20/2015	17
B00394	SEWER GJ 793	\$1,604,111	\$1,604,111	\$0	TBD	11/21/2014	-	TBD	2/25/2016	-
B11022	WATER AND SEWER GROUP JOB 930 (S)	\$760,100	\$1,561,564	\$801,464	9/19/2012	12/3/2012	55	2/19/2014	3/5/2014	10
B00507	FALSE BAY EMERGENCY	\$1,424,841	\$1,424,841	\$0	2/7/2012	5/10/2013	336	4/8/2013	6/2/2014	308
B12111	Tyrian Street and Soledad Avenue Sewer Main Replac	TBD	\$1,395,500	-	1/3/2014	12/27/2013	-5	12/22/2014	3/23/2015	67
B00342	SEWER GROUP JOB 732	\$1,378,638	\$1,378,633	-\$5	11/1/2010	9/27/2012	510	8/20/2012	4/18/2014	444
B00331	SEWER GROUP 678	\$1,112,220	\$1,112,220	\$0	TBD	6/29/2015	-	TBD	12/8/2016	-
B00501	Sewer PS 13, 14 and 16 Dual FM (PUD)	TBD	\$1,100,000	-	TBD	5/15/2015	-	TBD	11/30/2016	-
B12097	Pacific Beach Pipeline Central in West Mission Bay	\$1,028,000	\$1,028,000	\$0	9/2/2014	6/25/2014	-51	7/11/2018	11/7/2017	-180
B00476	SPS 13 REHAB	\$840,000	\$975,500	\$135,500	9/6/2012	2/28/2013	128	12/6/2013	5/29/2014	128
B12108	Via Alicante & Crescent Dr SMR (GRC)	\$898,500	\$898,500	\$0	5/24/2013	5/24/2013	0	2/10/2014	2/10/2014	0
B11111	Tecolote Canyon 8-inch CI Sewer Main	\$854,160	\$854,160	\$0	10/15/2013	10/15/2013	0	4/1/2015	4/1/2015	0
B00458	Sewer & Water Group 711 (CC5) (02)	\$839,156	\$839,156	\$0	10/2/2014	8/19/2016	504	6/1/2016	4/19/2018	504

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WASTEWATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WASTEWATER PROJECTS					Planning/Design/Award Phase			Construction Phase		
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
B11152	Water & Sewer Group Job 957(S)	\$208,750	\$788,760	\$580,010	10/17/2012	12/4/2012	35	3/19/2014	2/27/2014	-15
B11021	WATER AND SEWER GROUP JOB 929 (S)	\$544,957	\$771,105	\$226,148	2/7/2012	2/7/2012	0	4/19/2013	5/20/2013	23
B12071	WATER AND SEWER GROUP JOB 946 (S)	\$662,233	\$662,233	\$0	10/10/2012	10/10/2012	0	2/9/2015	3/5/2015	18
B12018	SEWER PUMP STATION 77A GENERATORS (SPS77A)	\$709,133	\$656,000	-\$53,133	10/30/2012	3/5/2013	92	8/5/2013	12/4/2013	89
B12107	E St 32nd St & Nutmeg St SMR (GRC)	\$706,500	\$649,000	-\$57,500	6/4/2013	5/21/2013	-10	3/4/2014	2/19/2014	-10
B11136	WATER & SEWER GROUP JOB 934	\$2,744,345	\$631,314	-\$2,113,031	9/4/2013	4/15/2013	-104	3/11/2015	10/15/2014	-108
B11151	Water & Sewer Group Job 956 (S)	\$208,750	\$603,600	\$394,850	9/19/2012	11/1/2012	32	2/19/2014	8/19/2013	-135
B10209	Lytton St. 6-inch Sewer Replacement	\$544,957	\$544,957	\$0	9/20/2013	5/24/2013	-87	2/10/2015	10/10/2014	-90
B00396	Sewer Group Job 795	\$455,460	\$536,210	\$80,750	5/21/2014	9/5/2014	78	3/20/2015	7/10/2015	82
B13090	24-inch Harbor Dr Sewer Main Replacement	\$500,000	\$310,000	-\$190,000	-	4/15/2013	-	-	11/6/2013	-
B11110	Swan Street Sewer Main Replacement Project	\$230,500	\$230,500	\$0	5/1/2013	5/1/2013	0	1/30/2014	1/30/2014	0
B12103	Sevan Court Cyn Sewer Lateral Relocation	\$200,000	\$200,000	\$0	2/6/2013	2/6/2013	0	11/15/2013	11/15/2013	0
B13204	2037 Cypress Avenue (PUD)	TBD	\$98,000	-	TBD	N/A	-	TBD	N/A	-
B13195	12720 Via Esperia SMR (PUD)	TBD	\$98,000	-	TBD	N/A	-	TBD	TBD	-
B13194	766 Rosecrans Street SMR (PUD)	TBD	\$98,000	-	TBD	N/A	-	TBD	N/A	-
B13193	3939 Mission Blvd SMR (PUD)	TBD	\$98,000	-	TBD	N/A	-	TBD	TBD	-
B13192	41st & Landis Alley SMR (PUD)	TBD	\$98,000	-	TBD	N/A	-	TBD	N/A	-
B00399	SEWER GROUP 798	\$90,000	\$90,000	\$0	TBD	-	-	TBD	-	-
B00409	SEWER GJ 798C	TBD	\$90,000	-	TBD	-	-	TBD	-	-
B00398	SEWER GJ 797	\$70,000	\$70,000	\$0	TBD	-	-	TBD	-	-
B13099	Sewer Group Job 834	\$4,782,815	\$0	-\$4,782,815	4/30/2014	-	-	10/1/2015	-	-
B13157	Sewer Group 835	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
B00436	SEWER GJ 827	\$2,955,000	\$0	-\$2,955,000	TBD	TBD	-	TBD	TBD	-
B13169	Sewer & Water Group Job 963 S	TBD	\$0	-	TBD	-	-	TBD	-	-
B00431	Mission Center Canyon Sewer A	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
B11028	Pipeline Rehab - Phase K-2 (Laterals)	TBD	\$0	-	9/30/2013	-	-	11/21/2014	-	-
B12085	Water and Sewer Group Job 966(S)	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
B13178	Otay Valley Manhole Improvements	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
B00443	SEWER GJ 816	TBD	\$0	-	2/11/2014	-	-	6/7/2017	-	-
B13203	Water & Sewer GJ 954	TBD	\$0	-	6/15/2015	TBD	-	TBD	TBD	-
B00437	SEWER GROUP JOB 833	TBD	\$0	-	6/6/2014	-	-	4/2/2015	-	-
B13098	Pipeline Rehabilitation X-1	TBD	\$0	-	12/16/2013	-	-	10/17/2014	-	-
B00422	Sewer GJ 672A	TBD	\$0	-	9/13/2013	-	-	1/8/2015	-	-
B13173	Boundary St & Edmonton Ave SMR	TBD	\$0	-	3/13/2014	-	-	12/19/2014	-	-

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WASTEWATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WASTEWATER PROJECTS					Planning/Design/Award Phase			Construction Phase		
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
TBD	NCWRP Influent Pump Station Bridge Cranes / Hoists and Isolation Gate / Valves Upgrades	\$500,000	\$0	-\$500,000	TBD	TBD	-	TBD	TBD	-
TBD	NCWRP Grit Accumulation at the Headworks and Gates Upgrades	\$440,000	\$0	-\$440,000	TBD	TBD	-	TBD	TBD	-
B12087	Sorrento Valley Rd T.S Abandonment	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
B13209	Pipeline Rehabilitation Z-1	TBD	\$0	-	TBD	TBD	-	TBD	TBD	-
B00434	SEWER GROUP 828	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00364	Sewer GJ 757	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00369	Sewer & Water GJ765	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00374	Sewer GJ763	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00386	SEWER & WATER GROUP JOB 775	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00391	SEWER GROUP JOB 782	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00400	Sewer GJ 663A	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00406	SEWER GROUP JOB 806	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00407	Sewer GJ 795 Cyn	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00408	Sewer & Water GJ 779	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00424	SEWER GROUP JOB 800	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00438	Buchanan Sewer C	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00439	Buchanan Sewer D	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00485	Hillside Sewer (Techite)	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00489	La Jolla - Pacific Beach TS	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B00492	Cottonwood Road TS (TS#78)	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B11019	SEWER GROUP JOB 830	TBD	TBD		TBD	TBD	-	TBD	TBD	-
B13177	Citywide Manhole Improvements	TBD	TBD		TBD	TBD	-	TBD	TBD	-
POST CONSTRUCTION/COMPLETE - MUNI FUNDED										
S00302	South Mission Valley Trunk Sewer	\$11,047,151	\$13,943,838	\$2,896,687	4/28/2004	4/28/2004	0	8/10/2011	7/8/2011	-24
S00336	Harbor Drive Trunk Sewer Replacement	\$12,398,748	\$12,398,746	-\$2	12/29/2010	12/29/2010	0	11/20/2012	10/17/2012	-25
S00335	Lake Murray Trunk Sewer	\$10,366,815	\$10,366,815	\$0	6/16/2009	6/16/2009	0	3/17/2011	3/17/2011	0
S12035	BALBOA TERRACE TRUNK SEWER (formerly B00478)	\$6,387,169	\$9,496,367	\$3,109,198	3/2/2012	3/2/2012	0	4/17/2013	4/17/2013	0
S00303	Pump Station Upgrades Group I North County	\$7,573,838	\$7,573,837	-\$1	1/2/2009	1/2/2009	0	5/2/2011	5/2/2011	0
B00451	SEWER GROUP 698	\$7,851,112	\$7,328,926	-\$522,186	8/3/2010	8/3/2010	0	1/30/2013	2/13/2013	10
B10182	Pipeline Rehabilitation N-1	\$7,995,000	\$7,229,000	-\$766,000	5/4/2011	5/4/2011	0	2/25/2013	12/28/2012	-43
S00334	USIU Trunk Sewer	\$7,417,639	\$7,030,477	-\$387,162	7/20/2010	7/20/2010	0	3/28/2012	9/28/2012	135
B00469	PIPELINE REHAB PH H-1 (PUD)	\$6,585,361	\$6,585,361	\$0	N/A	N/A	-	11/1/2011	11/1/2011	0
B00521	PIPELINE REHAB PHASE J-1D	\$6,215,351	\$6,215,351	\$0	9/1/2010	9/1/2010	0	8/3/2011	12/27/2012	375

CROSSWALK BETWEEN FY12 BASELINE AND FY14/FY15 COST OF SERVICE STUDY (COSS) FOR WASTEWATER PROJECTS

COSS dated 12/20/12

NOTES:
 - Projects are listed from highest to lowest COSS cost
 - Wastewater projects are separated into Muni and Metro
 - All post construction/completed projects are listed at the end of the schedule
 - TBD are projects that are being implemented but have not yet established a baseline
 - All Closed projects have been moved to the bottom of the spreadsheet

Projects with \$1 mil estimated project cost change (increase or decrease)
 Projects six or more months (132 working days) behind schedule in design/construction phases
 FY12 baseline was \$0, this is P6 baseline established after FY12 baseline

BL = Baseline
 BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

WASTEWATER PROJECTS					Planning/Design/Award Phase			Construction Phase		
Funded Program	Project Name	Baseline Project Cost (FY12 or per color code)	COSS Project Cost (as of December 2012)	Difference (COSS less Baseline)	BL Final Design Approval - End	COSS Final Design Approval - End	Difference (COSS less Baseline) in Working Days	BL BO/BU	COSS BO/BU	Difference (COSS less Baseline) in Working Days
B10192	Pipeline Rehabilitation P-1	\$6,167,131	\$6,122,409	-\$44,722	4/20/2011	4/20/2011	0	1/10/2013	2/12/2013	24
B00479	Pacific Highway Trunk Sewer	\$6,036,484	\$6,036,483	-\$1	5/5/2010	5/5/2010	0	3/2/2012	11/27/2012	198
S00332	Montezuma Trunk Sewer	\$4,039,298	\$5,736,198	\$1,696,900	2/7/2012	2/7/2012	0	3/21/2013	3/21/2013	0
B10185	Pipeline Rehabilitation O-1	\$5,096,000	\$5,352,273	\$256,273	7/29/2011	7/29/2011	0	10/15/2012	12/18/2012	47
B00483	PALM CITY TS	\$5,933,078	\$5,145,105	-\$787,973	4/13/2011	4/13/2011	0	5/22/2012	6/25/2012	25
B00482	CROWN PT TS	\$4,814,072	\$4,814,071	-\$1	1/10/2008	1/10/2008	0	11/5/2009	11/5/2009	0
B10184	Pipeline Rehabilitation M-1	\$4,565,000	\$4,732,443	\$167,443	7/27/2011	7/27/2011	0	9/18/2012	12/7/2012	59
B10142	PIPELINE REHABILITATION L-I	\$4,700,774	\$4,700,774	\$0	12/30/2010	12/30/2010	0	7/30/2012	12/10/2012	98
S00305	PS Upgrades Group III Force mains	\$6,055,773	\$4,687,622	-\$1,368,151	2/25/2011	2/25/2011	0	8/17/2012	4/12/2013	175
B00488	GRANTVILLE TS	\$4,768,476	\$4,359,430	-\$409,046	6/20/2011	6/20/2011	0	6/29/2012	12/4/2012	116
B00390	Sewer Group Job 781	\$4,210,025	\$4,210,025	\$0	8/24/2010	8/24/2010	0	11/19/2012	1/4/2013	34
B00481	ALVARADO TRUNK SEWER PHIII	\$3,254,570	\$4,158,634	\$904,064	1/18/2011	1/18/2011	0	6/28/2013	7/1/2013	2
B00486	Sunset Cliffs Trunk Sewer	\$4,056,506	\$4,056,505	-\$1	10/9/2009	10/9/2009	0	12/15/2011	12/15/2011	0
B10141	PIPELINE REHABILITATION K-I	\$3,988,630	\$3,988,630	\$0	9/29/2010	9/29/2010	0	3/5/2012	1/31/2013	243
B00311	CALTRANS/SR- 905 OTAY MESA TS (PUD)	\$3,904,000	\$3,904,000	\$0	3/31/2010	3/31/2010	0	3/29/2013	3/29/2013	0
B00370	SEWER GROUP 767	\$4,377,500	\$3,873,012	-\$504,488	2/28/2011	2/28/2011	0	10/31/2012	12/17/2012	34
B00462	SEWER GROUP 723	\$3,118,050	\$3,692,620	\$574,570	7/29/2011	7/29/2011	0	7/22/2013	10/16/2013	63
B00329	SEWER GROUP 682	\$3,616,158	\$3,616,158	\$0	12/23/2009	12/23/2009	0	1/4/2012	11/9/2011	-41
B00338	SEWER GROUP JOB 728	\$3,581,119	\$3,578,792	-\$2,327	1/6/2010	1/6/2010	0	6/15/2011	8/1/2011	34
B00362	WATER & SEWER GJ 754	\$3,560,417	\$3,560,417	\$0	3/2/2010	3/2/2010	0	2/2/2012	6/8/2012	93
B00389	Sewer Group Job 780	\$3,502,926	\$3,502,926	\$0	8/30/2010	8/30/2010	0	6/15/2012	5/30/2012	-12
B00361	SEWER GJ 753	\$3,428,695	\$3,428,694	-\$1	9/1/2010	9/1/2010	0	2/29/2012	3/29/2012	21
B00385	SEWER & WATER GROUP JOB 774	\$3,524,376	\$3,365,118	-\$159,258	11/18/2010	11/18/2010	0	9/21/2012	11/1/2012	30
S00329	East Point Loma Trunk Sewer	\$3,280,973	\$3,280,972	-\$1	5/24/2010	5/24/2010	0	12/22/2011	12/22/2011	0
B00404	GROUP 3015-SEWER GROUP 805	\$3,250,155	\$3,250,155	\$0	7/1/2010	7/1/2010	0	4/25/2012	5/31/2012	26
B00326	SEWER GROUP 665	\$2,927,866	\$2,854,169	-\$73,697	4/1/2009	4/1/2009	0	7/1/2011	7/15/2011	10
B00455	SEWER GROUP 714	\$2,747,272	\$2,747,271	-\$1	3/26/2010	3/26/2010	0	6/29/2012	10/16/2012	80
B00503	SEWER PUMP STATION #27 - PHASE 2	\$2,738,632	\$2,738,632	\$0	6/25/2010	6/25/2010	0	11/2/2012	12/4/2012	23
B00371	SEWER & WATER GROUP 768	\$2,615,442	\$2,701,671	\$86,229	10/13/2010	10/13/2010	0	2/20/2012	2/20/2012	0
B00373	GROUP 3015-SEWER GROUP 762	\$2,697,942	\$2,697,940	-\$2	7/1/2010	7/1/2010	0	6/18/2012	6/18/2012	0
B00495	SEWER GROUP JOB 785A ACCELERATED	\$2,649,967	\$2,649,967	\$0	11/15/2010	11/15/2010	0	4/20/2012	12/17/2012	177
B00359	SEWER GROUP 750	\$2,472,681	\$2,418,040	-\$54,641	12/21/2009	12/21/2009	0	9/13/2011	9/13/2011	0
B00419	SEWER & WATER GROUP 822	\$2,372,517	\$2,372,516	-\$1	10/27/2010	10/27/2010	0	6/29/2012	3/30/2012	-67
B00405	SEWER & WATER GROUP 792	\$2,667,193	\$2,334,963	-\$332,230	4/28/2011	4/28/2011	0	11/30/2012	11/30/2012	0

