



THE CITY OF SAN DIEGO

M E M O R A N D U M

DATE: August 29, 2012

TO: Independent Rates Oversight Committee (IROC)

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

SUBJECT: FY2012 Capital Improvement Projects (CIP) - Annual Updates

The Public Utilities and Public Works-Engineering Departments hereby submit the FY2012 CIP annual updates for the period of July 1, 2011 to June 30, 2012.

This update consists of dash board information, forecast and actual expenditures, project schedules, and project change orders.

DASH BOARD INFORMATION

Program Highlights (Both Water and Wastewater)

✓ Assigned New Projects to Public Works	47 Projects, \$135 Million
✓ Completed Preliminary Engineering	40 Projects, \$170 Million
✓ Completed 100% Design	53 Projects, \$213 Million
✓ Awarded Construction Contracts	52 Contracts, \$202 Million
✓ Completed Construction Contracts	51 Contracts, \$146 Million

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

WATER CIP PROJECT HIGHLIGHTS

Carmel Valley Recycled Water Pipeline

This project includes the installation of approximately 12,000 feet (2.27 miles) of 4, 6, 8 and 12 inches PVC and Ductile iron pipelines which start at Carmel Country Road and end at Carmel Valley Road along State Route 56.

Construction began in September 2010 and operational acceptance for project completion occurred in June 2012.

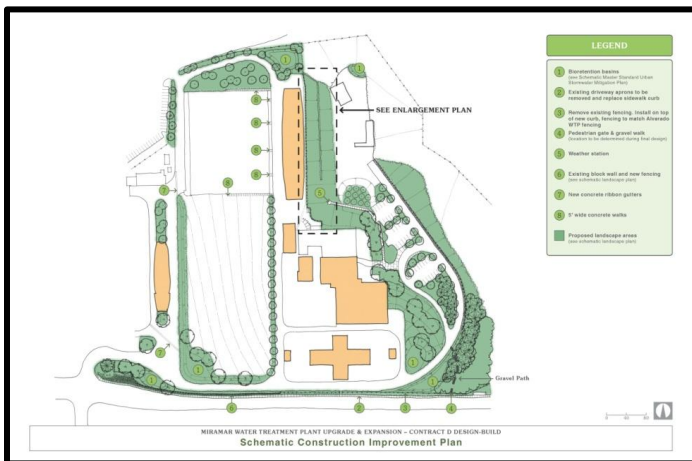
Total project cost was \$3.8 million.



Installation of ductile iron pipe for recycled water located along bridge at Carmel Country Road.

Miramar Water Treatment Plant Upgrade and Expansion - Contract D

This project is the last phase of a series of Miramar WTP upgrade and expansion projects worth approximately \$250 Million. (Early Start Improvement Project Phase I, Early Start Improvements Project Phase II, Contract A, Contract B and Contract C). Previous construction phases consisted mainly of major construction activities which required heavy equipment. This project is concluding previous phases by implementing features that mitigate community and environmental issues that were not possible to address through prior contracts.



Design-Build project under design: Schematic Instruction Improvement Plan.

Construction began in June 2012 with anticipated completion in February 2013.

This design build contract is approximately \$2.1 million.



Water Group Job 906

This project replaced approximately 1.88 miles of deteriorated 6-inch and 10-inch cast iron water mains with new 8-inch and 12-inch PVC mains via open trench. Replacement was along the same alignment as the existing water main. The project was located south of La Playa Avenue, north and west of Crown Point Drive, and north and east of Riviera Drive. Traffic flow was allowed during the hours of construction. At the end of each day, the entire street was reopened to normal traffic conditions.

Construction began in May 2011 and was completed in April 2012.

Total project cost was \$2.2 million.

WATER REGULATORY PROJECT UPDATES

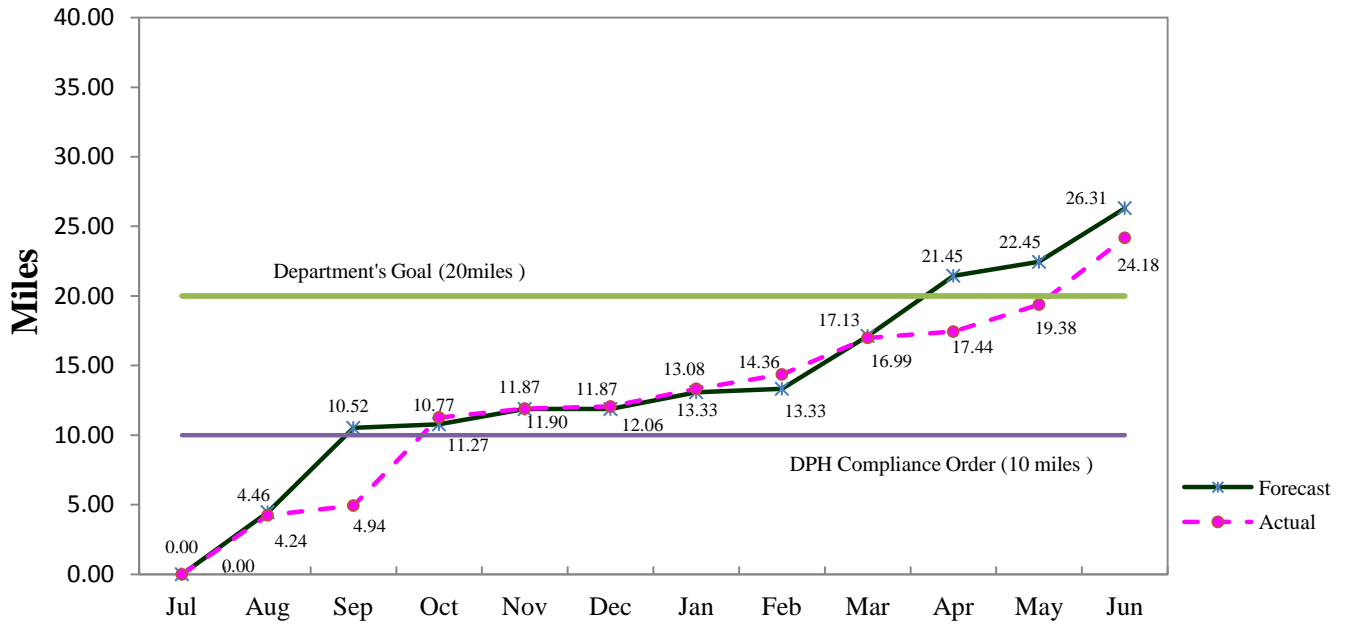
The Department of Public Health (DPH) compliance order requires the completion of eight pump stations, ten reservoirs/standpipes, nine treatment related projects, four pipelines and awarding ten miles of Cast Iron (CI) main replacement per fiscal year. As of June 30, 2012, all of the projects have been completed with the exception of the awarding of CI main replacement. The Department exceeded the DPH requirements by awarding a total of 24.18 CI miles in fiscal year 2012.

Fiscal Year	DPH Compliance Order (Miles Awarded)	Department's Goal (Miles Awarded)	Awarded (Miles)	Completed (Miles)
FY08	10	20	18.66	0
FY09	10	20	20.94	10.23
FY10	10	20	20.10	18.39
FY11	10	35	25.97	24.48
FY12	10	20	24.18	27.95
Total	50	115	113.96	81.05

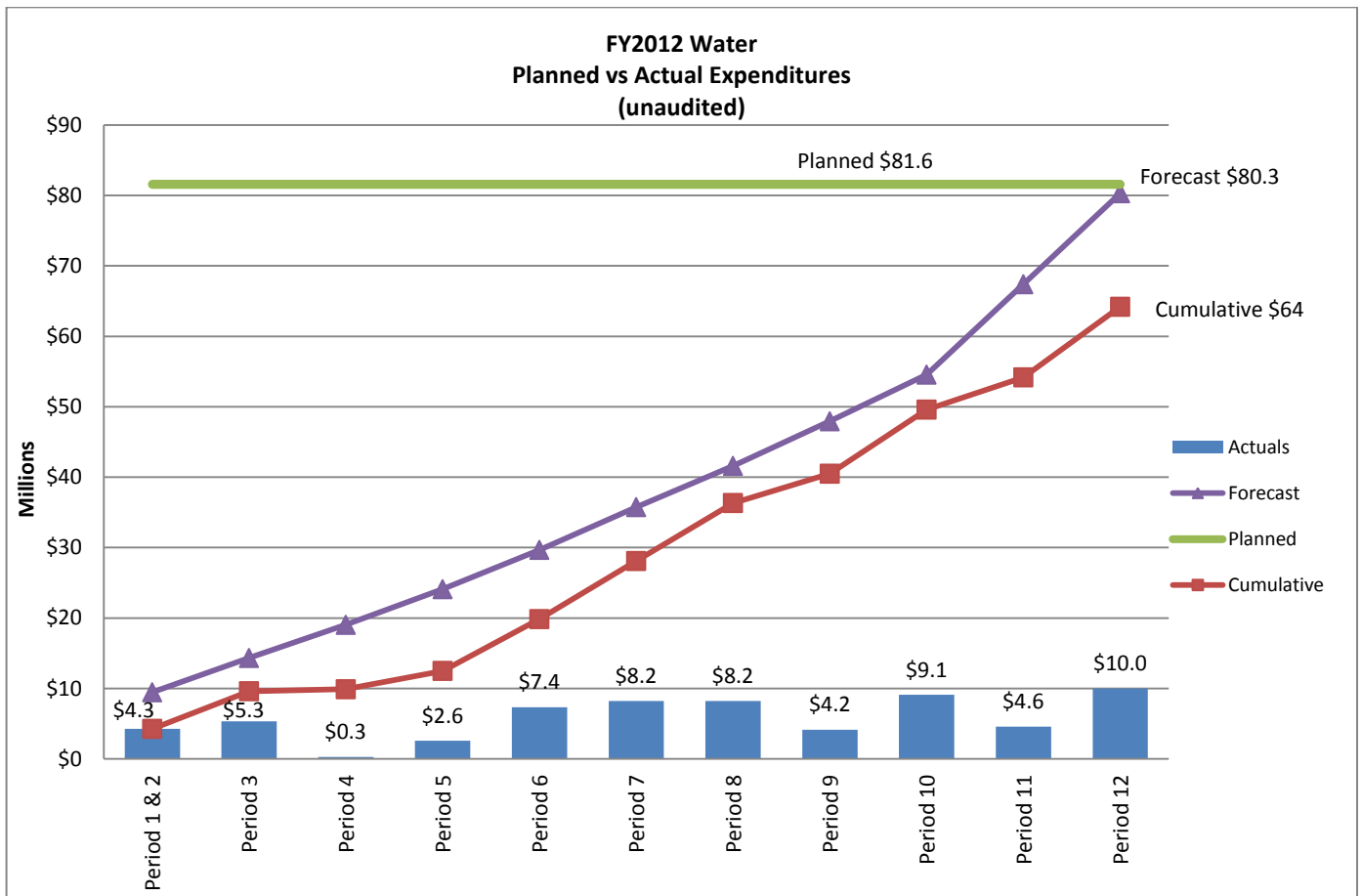
Footnotes:

- 1) Awarded miles are based on the Notice to Proceed issued by Purchasing Department.
- 2) Completed miles are based on the Notice of Completion issued by Field Engineering Division

FY12 Awarded Water Mains



WATER PLANNED vs. ACTUAL EXPENDITURES



WASTEWATER CIP PROJECT HIGHLIGHTS

Pacific Highway Trunk Sewer

This project consists of the rehabilitation of 4,634 linear feet (0.88 miles) of existing 36 and 39 inches trunk sewers and replacement of 960 linear feet (0.18 miles) of existing 8, 12 and 24 inches sewer mains in the Centre City, Midway-Pacific Highway and Reserve Community areas.

The new and improved trunk sewer will provide accessibility for maintenance personnel and improved sewage collection systems.

Construction began in August 2011 and completed in June 2012, which is two months ahead of the EPA Consent Decree Deadline of August 2012.

The total project estimate was \$5.6 million.



The workers are inside a pit pouring concrete to build a sewer manhole base.

Point Loma Wastewater Treatment Plant Grit Processing (GIP)

This project consists of reconstruction of the south grit tanks and its adjacent pump gallery, replacement of the 1962 grit processing headworks building with an odor controlled drive through facility, and new grit processing equipment.



Completed Interim Grit Processing Facility (South View)

For continued plant operations, construction of an Interim Grit Processing Facility took place from May 2011 to May 2012 and was placed in service as of May 2012. Demolition of the existing headworks building was completed in June 2012. Excavation and shoring is currently under way for the new facility which will be constructed in the same area. The interim facility and associated piping will be demolished and removed when the new facility is completed.

Construction began in March 2011 with project completion estimated in April 2014.

Total project cost is approximately \$33 million.

Metropolitan Biosolids Center (MBC) Access Road Drainage Improvements

This project consists of improvements to the road's surface drainage in an area adjacent to the MBC Access Road which includes 156 feet of 6-inch perforated pipe (French Drains) in a gravel trench; replacement of about 322 feet of a concrete Brow Ditch; modification to the Catch Basin; installation of about 370 feet of 12-inch pipe; and minor grading, compaction, and hydroseeding of the affected area.



Existing concrete brow ditch.



French drains in gravel pit.

The drainage improvements will intercept some of the underground drainage runoff from the adjacent shoulder of State Highway 52 causing undermining to the MBC Access Road.

The Notice to Proceed for Construction was issued in February 2012 and substantial completion was issued in April 2012.

The total project cost was approximately \$195,000.

Harbor Drive Emergency Manhole Replacement



Pumping and vibrating concrete for vault 2 (south of Chollas Creek crossing).

This project consists of removal and replacement of two sewer vaults adjacent to the Chollas Creek (just north and south of the creek crossing), including the rehabilitation of approximately 1,000 linear feet of the 48 and 42 inches trunk sewer main, median and surface improvements.

Construction began in March 2012 and is estimated to be completed by the end of summer 2012.

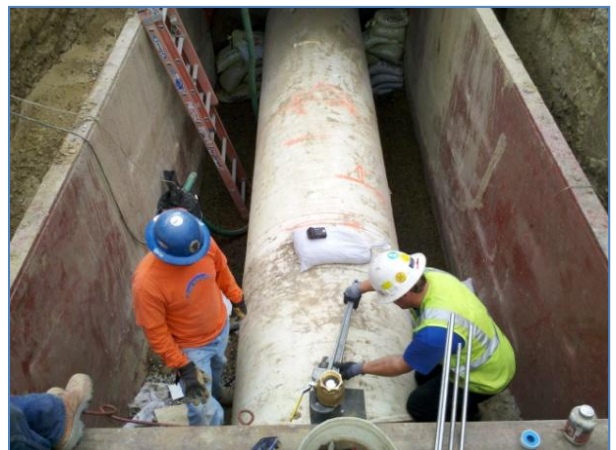
Total project cost is approximately \$3.5 million.

Pump Station 64 Force Main Repair

This project includes replacing the tee connection with a 42- inch 90 degree elbow at the southern vault; abandoning the section of 36- inch pipe in place that connects the two vaults; installing new 36- inch steel pipe that connects the 36- inch force main to the 42- inch force main; and connecting the pipes with a tee intersection placing a valve on the 36- inch pipe before the tee on the 36- inch pipe and a 42- inch valve after the tee on the 42- inch pipe.

Construction began in May 2011 and is estimated to be completed in December 2012.

Total project cost is approximately \$1.1 million.



Workers are hot tapping into the 42 inch force main.

Sewer Pump Station Group III

This project involves the installation of 12 secondary, redundant, backup force mains at sewer pump stations 44, 51, 54, 60A, 71, 73, 74, 75, 76, 80, 81, and 82. They are scattered from the border to Del Mar and Rancho Bernardo. The scope also involves installation of manholes, blow off valve assemblies, curb ramp replacements, sewer mains, and storm drain curb outlets.



The construction began in October 2011 and is anticipated to be completed by the end of this calendar year.

The total project cost is \$2.9 million.

Installation of two new discharge manholes associated with sewer pump station number 73 secondary force main.

Harbor Drive Trunk Sewer

The Harbor Drive Trunk Sewer is located on Harbor Drive between Beardsley Street and just south of 28th Street. The project will replace approximately 4,700 linear feet (0.9 miles) of existing 39- inch concrete sewer main, with a 48-inch plastic lined concrete pipe. Curb ramps will also be installed within the project area.



The majority of the construction work will occur within the public right of way, with the exception of a few segments that are located in private easements. Multiple methods of construction will be used to replace the existing pipes including open trench, tunneling and pipe rehabilitation.

Construction began in April 2012 and is anticipated to be completed in January 2013.

Total project cost is approximately \$12.4 million.

Contractor is setting slide rail system for installation of 48-inch trunk sewer pipe.

WASTEWATER REGULATORY PROJECT UPDATES

The Environmental Protection Agency (EPA) Consent Decree mandates the repair, replacement, and rehabilitation of 450 miles of aged sewer pipes, upgrade and replacement of 17 trunk sewers and 26 pump stations (PS) by June 2013. Below is a list of mandated project updates as of June 30, 2012.

- 451.5 miles of sewer pipes have been completed.
- Of the 17 trunk sewers, twelve have been completed and the remaining five trunk sewers are either in construction or to be awarded.
- Of the 26 pump stations, 19 have been completed and the remaining seven pump stations are either in construction or to be awarded.

Fiscal Year	EPA Consent Decree (Miles Completed)	Department's Goal (Miles Completed)	Awarded (Miles)	Completed (Miles)
FY08	30	30	39.35	30.1 ⁽¹⁾
FY09	45	45	45.20	49.5
FY10	45	60	42.37	54.3
FY11	45	60	67.50	46.5
FY12	45	60	71.77	70.5
Total	210	255	266.19	250.9

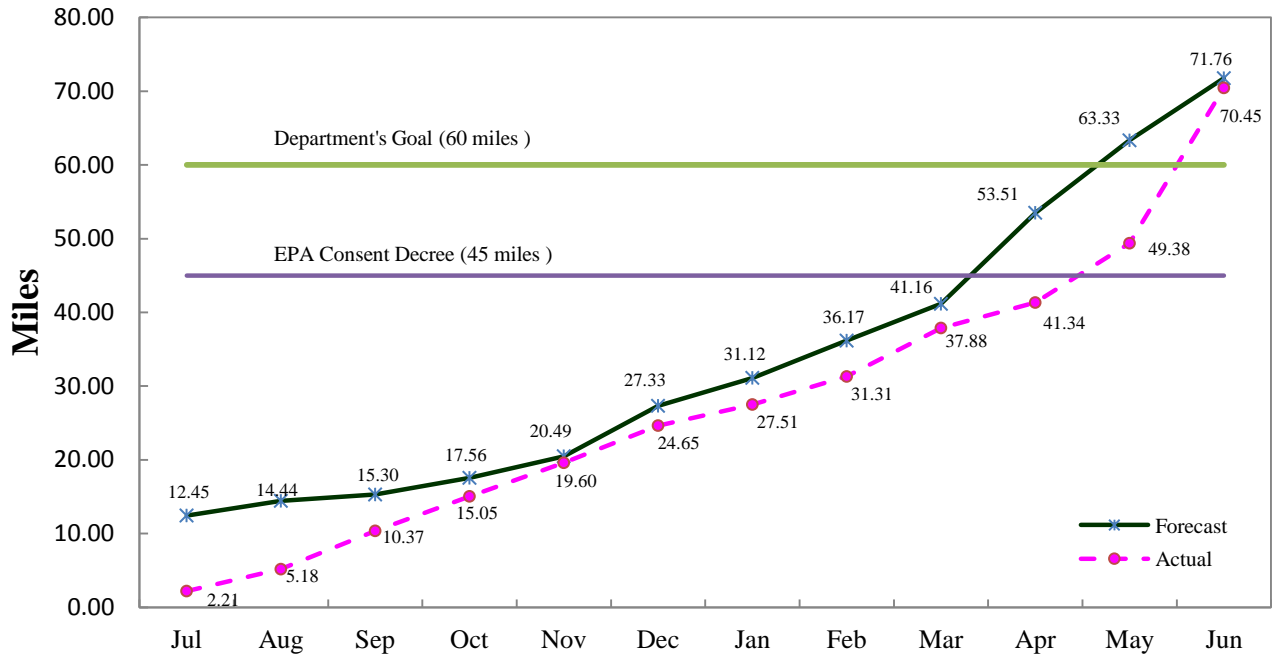
Notes:

(1) Includes 14.1 banked miles and awarded contracts from previous years.

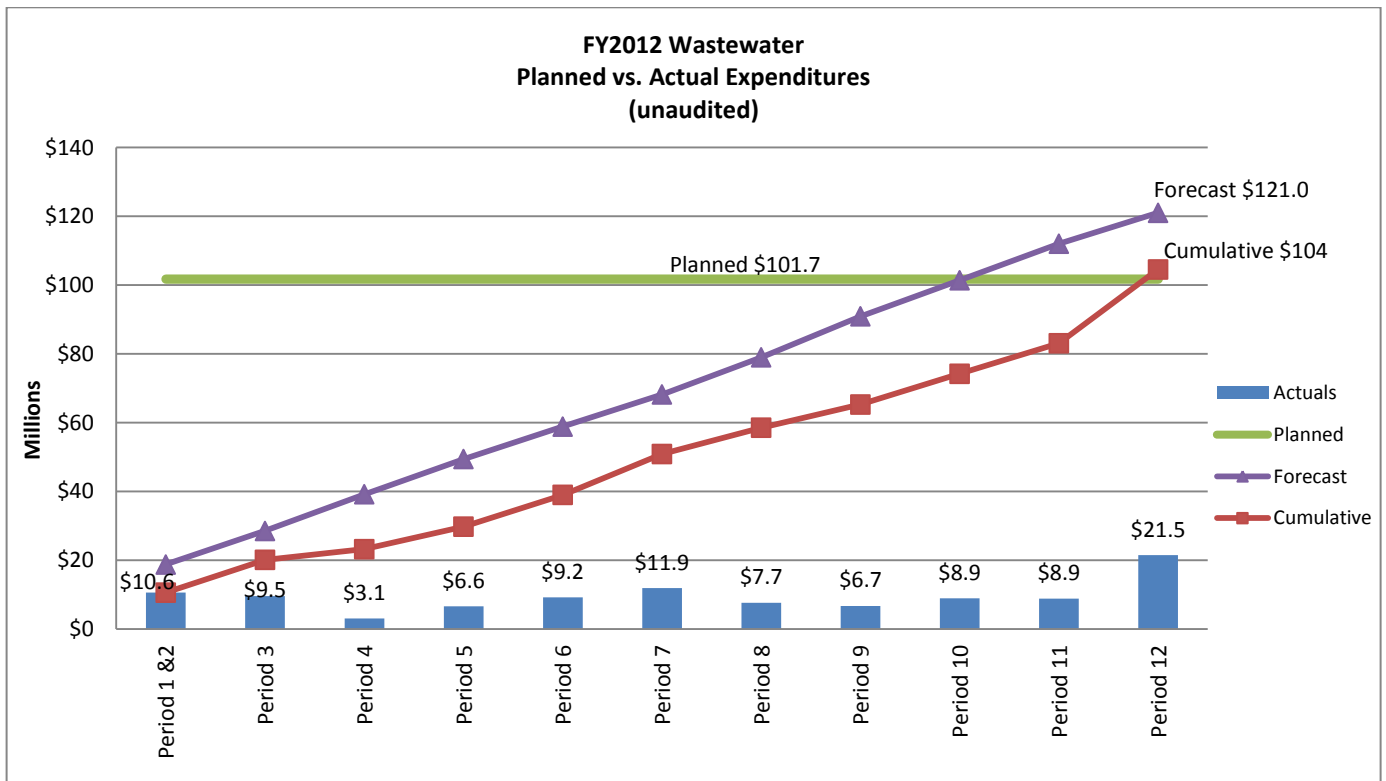
Footnotes:

- 1) Awarded miles are based on the Notice to Proceed issued by Purchasing Department.
- 2) Completed miles are based on the Beneficial Occupancy/Beneficial Use (BO/BU) issued by Field Engineering Division

FY12 Completed Sewer Miles



WASTEWATER PLANNED vs. ACTUAL EXPENDITURES



Forecast vs. Actual Expenditures

WATER						
Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
ABJ00001	Water Pump Station Restoration	\$14,689,000	\$18,657,510	\$950,000	\$577,449	\$202,622
B10006	Tierrasanta (Via Dominique) Pump Station	\$7,468,000	\$11,228,000	\$550,000		\$90,438
B11023	College Ranch Hydro Pump Station	\$7,221,000	\$7,429,510	\$400,000	\$577,449	\$112,184
ABK00001	Dams and Reservoirs	\$571,330	\$687,130	\$193,111	\$45,429	\$175,024
B00171	El Capitan Seepage Recovery Pump	\$53,330	\$53,330			\$10,314
B10165	Scripps Ranch Reservoir Slope Repair & Bracket Rpl	\$518,000	\$633,800	\$193,111	\$45,429	\$164,710
ABL00001	Standpipe and Reservoir Rehabilitations	\$20,394,022	\$21,279,622	\$2,178,708	\$3,697,803	\$1,032,644
B00143	San Carlos Reservoir Interior Enhancement	\$1,159,022	\$1,159,022	\$881,121	\$515,425	\$416,095
B00155	Catalina Standpipe Renovation	\$2,540,000	\$3,425,600	\$505,000	\$2,805,955	\$240,606
B00156	Pomerado Park Reservoir Upgrade				\$5,446	-\$12,029
B10003	Dulzura Conduit Flume 22 (aka 14)	\$1,000,000	\$1,000,000	\$128,355		\$32,869
B11024	La Jolla Country Club Reservoir	\$6,025,000	\$6,025,000	\$664,232	\$370,978	\$269,629
B11070	La Jolla View Reservoir	\$9,670,000	\$9,670,000			\$85,474
ABM00001	Groundwater Asset Development Program	\$10,506,415	\$10,506,415	\$200,000	\$1,256,177	\$1,624,557
B00168	Groundwater Pilot Production Wells	\$8,165,621	\$8,165,621		\$543,298	\$545,562
B00169	San Vicente Groundwater Well	\$388,794	\$388,794		\$76,193	\$390,230
B11065	Chollas USGS Monitoring Wells	\$1,210,000	\$1,210,000		\$12,591	\$610,140
B11066	San Pasqual USGS Monitoring Wells	\$742,000	\$742,000		\$624,095	\$78,625

WATER

Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
AHC00001	Reclaimed Water Extension				\$40,814	\$88,844
AHC00002	North City Reclamation System	\$12,666,270	\$11,412,755	\$1,971,094	\$1,593,169	\$4,061,008
B00158	Carmel Valley	\$3,805,170	\$3,805,170	\$1,571,094	\$182,094	\$527,995
B00160	Los Penasquitos Canyon / Camino Ruiz RW Pipeline	\$6,420,255	\$5,166,740	\$300,000	\$286,087	\$3,224,723
B00161	Pacific Highlands Ranch Recycled Water Pipeline	\$1,448,345	\$1,448,345		\$1,092,181	\$121,031
B10200	Camino Del Sur Pipeline - North of SRS56	\$992,500	\$992,500	\$100,000	\$32,808	\$187,259
AHC00003	Reclaimed Water Retrofit					\$76,417
AKA00001	Corrosion Control					\$1,057
AKB00002	Freeway Relocation	\$344,076	\$344,076			\$75,970
B00010	Caltrans - I905	\$344,076	\$344,076			\$67,602
B00013	Ct - Carroll Cnyn Br-I15 14" 16" Recl Wtr					\$4,283
B10199	Caltrans- Hillery Dr. Water Pipeline Relocation Pr					\$4,085
AKB00003	Water Main Replacements	\$722,381,404	\$727,237,469	\$76,097,709	\$36,911,087	\$56,844,490
B00018	Sewer and Water Group 616	\$5,511,854	\$7,129,949	\$714,278	\$4,099	\$157,354
B00020	Water Group 532	\$5,307,561	\$5,159,160			\$33,967
B00021	Water Group 533	\$3,422,702	\$3,316,158			\$12,825
B00024	Group 3011-Sewer & Water Group 648	\$1,175,445	\$1,175,445	\$250,000		\$73,215
B00025	Group 3011-Sewer & Water Group 650	\$2,401,721	\$2,401,721	\$250,000		\$85,903
B00026	Group 3011-Water Group 651	\$2,781,064	\$2,781,064			-\$120,279
B00031	Group Job 525B	\$4,427,959	\$4,427,959	\$3,103,901	\$1,474,080	\$1,575,497
B00032	Water Group Job 525C	\$4,889,745	\$4,889,745	\$472,010		\$39,261
B00035	Sewer & Water Group 694	\$1,438,490	\$1,389,360	\$74,715		\$44,413
B00036	Group Job 693 - Northpark	\$271,142	\$271,142	\$20,226		\$84,256
B00037	Water Group 927	\$1,329,688	\$615,912	\$66,361		\$63,379
B00039	Sewer & Water Group 701	\$326,720	\$326,720	\$32,172		\$27,050
B00040	Group 3011-Talmadge Water Group 703A	\$1,894,977	\$1,894,977		\$34,361	\$29,824

WATER

Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B00042	La Jolla Group Job 541	\$3,106,062	\$3,106,062			\$1,461
B00044	Group Job 711W	\$1,045,229	\$1,045,229			\$180
B00045	Group 3010 - Water Group 717	\$1,328,242	\$1,328,242			\$5,645
B00046	Group Job 544	\$2,614,770	\$2,614,770			\$31,005
B00048	Water Group 550	\$2,852,184	\$2,852,184			\$99
B00050	Group Job 723	\$544,633	\$806,680	\$54,245		\$26,105
B00056	Water Group Job 728	\$675,159	\$675,159	\$25,105		\$122,927
B00057	Water Group Job 730	\$1,264,336	\$1,264,336	\$155,058		\$136,649
B00058	Water Group Job 731	\$1,434,890	\$1,434,890		\$25,530	\$1,933
B00059	Water Group Job 732	\$628,167	\$628,167	\$82,240		\$33,109
B00062	Water Group 740	\$469,447	\$694,943	\$348,245		\$442,833
B00064	Water Group 665	\$1,860,199	\$1,904,588			\$110,831
B00066	Water Group 910	\$5,006,701	\$5,207,964	\$3,744,264	\$2,026,961	\$1,867,176
B00067	Water Group 746A	\$289,375	\$288,806	\$40,029	\$37,384	\$167,038
B00068	Sewer & Water Group 747 (W)	\$2,660,492	\$2,538,826			\$282
B00069	Water Group 749A	\$790,000	\$661,243		\$364,643	\$112,012
B00072	Sewer & Water GJ 754	\$342,673	\$342,673	\$190,100	\$7,076	\$161,096
B00073	Group 3010 - Water Group 718A	\$1,994,885	\$1,994,885			\$2,887
B00074	Sewer & Water Group 758	\$124,028	\$124,028	\$6,214		\$7,565
B00075	Sewer & Water Group Job 759	\$529,552	\$529,552	\$376,898		\$118,189
B00077	Group 3013 - Water Group 764	\$1,552,579	\$1,552,579	\$52,422	\$82,428	\$341,961
B00078	Water Group 911	\$2,018,953	\$2,018,953			\$131,412
B00080	Sewer & Water GJ 761	\$1,208,356	\$10,204,946	\$95,166		\$92,012
B00081	Sewer & Water Group Job 685	\$1,060,245	\$1,060,245	\$139,837		\$62,677
B00082	Sewer & Water Group 768	\$1,414,183	\$1,345,275	\$969,816	\$84,347	\$607,993
B00083	Sewer & Water Group 689 (W)	\$1,230,191	\$1,230,191			\$8,223

WATER

Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B00084	Group 3013 - Water Group 764A	\$1,185,495	\$1,185,495	\$44,905	\$38,383	\$689,610
B00085	Sewer & Water GJ 773	\$1,460,358	\$1,460,358	\$163,577		\$221,461
B00086	Sewer & Water Group 789	\$5,159,940	\$5,159,940	\$2,589,304	\$1,432,627	\$1,950,834
B00087	43rd St. & National Ave. Alignment	\$853,310	\$853,309	\$162,738	\$40,870	\$332,846
B00088	Water Group 772	\$339,861	\$339,861	\$5,395		\$77,680
B00091	Sewer & Water GJ 774	\$978,624	\$1,352,784	\$602,997	\$513,249	\$313,758
B00092	Sewer & Water Group Job 780	\$786,664	\$786,664	\$713,250		\$545,515
B00093	Sewer & Water Group Job 781	\$1,914,199	\$1,914,199	\$2,281,195	\$264,327	\$1,028,047
B00094	Group 3011 - Water Group 807	\$1,608,254	\$1,608,254		\$97,376	\$670
B00095	Manning Canyon Sewer and Water Replacement (W)	\$1,053,278	\$831,638	\$30,084		\$38,827
B00096	Sewer & Water Group 785 Canyon	\$776,392	\$776,392	\$497,057		\$414,696
B00097	Sewer & Water Group 779	\$736,282	\$847,361	\$192,775	\$29,149	\$712,030
B00098	Group 3013 - Water Group 821	\$1,450,039	\$1,499,825	\$30,015	\$85,839	\$229,691
B00099	Sewer & Water Group 770	\$735,159	\$735,159	\$77,634		\$52,741
B00100	Sewer & Water Group 792	\$1,613,162	\$1,511,162	\$232,614	\$121,930	\$966,195
B00101	Group 3011 - Water Group 806	\$1,128,843	\$1,128,843		\$50,758	\$3,209
B00102	Sewer & Water Group 809	\$2,836,439	\$2,836,439	\$111,174	\$12,461	\$81,104
B00103	Sewer & Water Group 822	\$1,366,592	\$1,366,592	\$868,436	\$82,653	\$807,913
B00105	Sewer & Water Group 799	\$5,695,150	\$5,731,492	\$1,171,394	\$1,580,369	\$277,982
B00106	Sewer & Water Group 788	\$478,223	\$478,223	\$350,738		\$22,251
B00107	Famosa Accelerated Sewer & Water	\$3,126,314	\$3,119,190			\$11,055
B00108	Water & Sewer Group 814	\$122,741	\$1,845,221	\$5,781		\$25,898
B00110	Sewer & Water Group 820	\$1,037,165	\$1,475,802	\$141,901		\$117,308
B00111	Water Group 793	\$4,901,756	\$4,901,756	\$50,000		\$53,846
B00114	Sewer & Water Group 687B	\$758,338	\$758,338	\$35,879		\$1,769
B00120	Water Group 907 CI	\$798,042	\$598,036	\$314,968	\$1,202	\$427,272

WATER

Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B00121	Water Group 908 CI	\$762,845	\$860,383	\$261,382		\$546,023
B00122	Water Group 906	\$2,435,712	\$2,435,712	\$3,052,657		\$1,248,633
B00123	Water Group 909 CI Phase I	\$2,551,170	\$2,551,170	\$243,082	\$32,103	\$640,740
B00124	Water Group 909 CI Phase II	\$2,470,268	\$2,470,268	\$268,613	\$32,103	\$443,081
B00125	Water Group 914 CI (PB)	\$6,044,246	\$6,021,478	\$285,761		\$194,577
B00130	Water Group 919 CI	\$3,245,232	\$2,308,708	\$602,706	\$709,109	\$686,160
B00131	Water Group 525 E	\$2,583,375	\$2,583,375	\$123,321		\$75,914
B00132	Water Group 829	\$463,307	\$463,307			\$406
B10153	Water Group 787M1	\$737,300	\$737,300	\$710,810		\$502,610
B10154	Water Group 787M2	\$649,271	\$649,271	\$97,657	\$37,075	\$575,628
B10155	Water Group 787M3	\$489,719	\$489,719	\$104,517		\$250,022
B10156	Water Group 933M	\$394,016	\$394,016	\$451,015		\$26,436
B10170	Water Group Job 920	\$2,841,310	\$2,841,310	\$2,331,953	\$239,359	\$1,624,266
B10171	Water Group Job 921	\$3,122,000	\$3,107,000	\$2,811,369	\$1,629,557	\$829,979
B10172	Water Group Job 922	\$3,617,000	\$3,759,350	\$1,005,447	\$2,433,830	\$350,184
B10173	Water Group Job 923	\$5,651,295	\$4,911,561	\$2,014,068	\$943,922	\$1,789,970
B10174	Water Group Job 924	\$5,596,311	\$5,596,311	\$5,841,258	\$2,956,513	\$1,145,109
B10175	Water Group Job 925	\$3,948,135	\$3,938,135	\$2,827,347	\$2,710,973	\$328,049
B10176	Water Group Job 926	\$7,120,332	\$7,120,332	\$4,000,000	\$967,002	\$110,575
B10187	Sewer & Water Group 695 (Water)	\$2,964,650	\$2,964,650			\$5,450
B10188	Water Group Job 928	\$2,322,924	\$3,017,410	\$339,214		\$143,812
B10189	Water and Sewer Group Job 929 (W)	\$3,710,443	\$2,705,148	\$536,935		\$93,865
B10190	Water and Sewer Group Job 930 (W)	\$3,150,766	\$3,529,993	\$230,309	\$19,981	\$289,707
B10191	Water Group Job 931	\$4,691,923	\$1,938,543	\$46,764	\$985,940	\$144,523
B11004	Water and Sewer GJ934 (W)	\$1,585,170	\$2,103,206	\$47,419		\$151,024
B11005	Water Group Job 935	\$1,564,977	\$1,364,765	\$70,433		\$180,312

WATER

Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B11006	Water Group Job 936	\$4,848,050	\$4,848,050	\$239,740	\$3,700	\$263,199
B11007	Water Group Job 937	\$1,925,795	\$2,144,110	\$57,739		\$151,228
B11034	Water Group Job 938	\$2,438,100	\$715,000	\$73,776	\$45,168	\$565,053
B11035	Water Group Job 939	\$1,855,000	\$1,855,000	\$74,758		\$6,958
B11036	Water Group Job 940	\$5,160,250	\$4,586,431	\$51,594	\$513	\$127,521
B11037	Water Group Job 941	\$1,309,750	\$1,164,503	\$39,202		\$72,762
B11038	Water Group Job 942	\$2,833,458	\$2,878,458	\$83,850		\$37,444
B11039	Water Group Job 943	\$1,520,564	\$1,520,564	\$46,251		\$23,393
B11040	Water Group Job 944	\$2,450,000	\$2,920,000	\$52,167		\$175,104
B11041	Water Group Job 945	\$2,604,610	\$2,604,610	\$71,335		\$189,832
B11042	Water Group Job 946	\$1,337,648	\$1,337,648	\$47,285		\$162,391
B11043	Water Group Job 947	\$1,757,094	\$1,351,439	\$51,439		\$107,829
B11044	Water Group Job 948	\$1,874,890	\$1,874,890	\$55,901		\$11,746
B11045	Water Group Job 949	\$4,510,598	\$6,496,010	\$350,932		\$191,518
B11046	Water Group Job 950	\$5,167,375	\$511,000	\$51,624		\$28,604
B11047	Water Group Job 951	\$1,713,686	\$726,378	\$52,650	\$80,222	\$517,597
B11048	Water Group Job 952	\$2,100,000	\$2,100,000	\$42,000		\$8,940
B11049	Water Group Job 953	\$1,622,000	\$1,710,000	\$48,660		\$116,937
B11101	Juan Street - Water Pipeline Replacement	\$1,100,000	\$1,100,000	\$260,000	\$25,679	\$91,132
B11137	Water Group Job 958	\$5,156,200	\$5,156,200			\$216,853
B11138	Water Group Job 959	\$2,753,188	\$2,453,188		\$790	\$241,046
B11153	Water and Sewer Group Job 956 (W)	\$1,230,806	\$1,301,192			\$86,045
B11154	Water and Sewer Group Job 957 (W)	\$3,058,228	\$3,058,228		\$47,628	\$160,063
B12016	Water Group Job 960	\$600,000	\$509,600			\$52,194
B12041	Water Group 964 (W)	\$700,000	\$700,000			\$39,144
B12045	Sewer & Water Group 815 (W)	\$130,500	\$130,500			\$4,871

WATER

Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B12051	Water Group 961	\$1,258,655	\$1,258,655			\$83,925
B12058	Water and Sewer Group 967 (W)					\$7,436
B12077	Water Group Job 962	\$1,990,000	\$1,990,000			\$32,751
B12092	AC Shawnee Road Emergency PPL Replacement	\$1,655,000	\$1,655,000			\$78,604
B12098	CI - Palm Ave. Meter Emerg CI Replac.(W)	\$700,000	\$700,000			\$20,023
TBD	CI remaining Package (To be grouped)			\$47,950		
S00004	Torrey Pines/La Jolla Blvd Phase 3B	\$3,085,318	\$3,085,318	\$1,418,498	\$76,453	\$2,005,173
S00073	SBRWS - Mag Meter Assembly Project	\$232,132	\$232,132		\$5,938	\$18,038
S00019	Harbor Drive Pipeline	\$11,540,000	\$11,540,000	\$600,000		-\$686,746
S00024	Miramar Water Treatment Plant Upgrade & Expansion					\$869
S00028	Miramar WTP Landscape & Site Improvement	\$3,246,747	\$3,246,747	\$1,265,314	\$2,008,348	\$474,053
S00029	Miramar WTP Ozone Equipment/Installation	\$25,298,662	\$25,298,662			-\$883
S00030	Otay Water Treatment Plant Upgrade & Expansion	\$26,702,441	\$26,702,441		\$13,936	\$141,127
S00031	Otay Water Trtmnt Plant Upgrade & Exp - Ph. II	\$14,878,498	\$14,878,498		\$128	\$87,877
S11059	Otay Water Treatment Plant Concrete Work	\$1,000,000	\$1,805,831			\$85,424
S00035	Otay 2nd - Cast Iron Replacement	\$15,691,628	\$15,691,628			\$1,076
S11109	Otay 2nd Pipeline -Emergency Main Repairs	\$500,000	\$500,000	\$17,500	\$35,882	\$263,655
S00041	Morena Reservoir Outlet Tower Upgrade	\$5,680,000	\$5,680,000		\$32,047	\$160,766
S00044	Lower Otay Reservoir Emergency Outlet Improvements	\$2,000,000	\$2,000,000	\$1,125,342	\$51,007	\$39,978
S00050	Water Department Security Upgrades	\$16,510,466	\$16,510,466	\$4,464,000		\$392
S00055	WDSU - RESERVOIRS & DAMS	\$140,000	\$140,000	\$148,525		
S00056	WDSU - Enclosed Pump Stations	\$320,000	\$320,000	\$296,998		\$47
S00058	WDSU - TANK/STANDPIPE RESERVOIR	\$240,000	\$240,000	\$165,150		
S11104	WDSU - SECURITY OPERATIONS CENTER PH. II					-\$341,486
S11105	WDSU - Enclosed Pumps - PH. II	\$2,920,000	\$4,590,000			\$108,932
S11106	WDSU - Reservoirs & Dams - PH. II	\$1,000,000	\$1,000,000		\$213,091	\$56,586

WATER

Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
S11107	WDSU - Water Tanks & Standpipes - PH. II	\$1,200,000	\$2,402,000			\$60,767
S00075	Alvarado WTP - Fluoridation Facilities	\$1,163,959	\$1,163,959			\$46,675
S00076	Miramar WTP - Fluoridation Facilities	\$1,050,824	\$1,050,824			\$24,431
S00077	Otay WTP - Fluoridation Facilities	\$1,012,233	\$1,012,233			\$67,406
S00068	Proctor Valley Off-Highway Vehicle Barrier					\$52,936
S00083	Miramar Pipeline Monitoring & Reinspection	\$1,487,636	\$1,487,636		\$268,509	\$1,161,856
S10004	Water Group Job 790	\$8,283,783	\$9,267,803	\$1,034,400	\$85,678	\$1,440,357
S10005	El Capitan Pipeline #2	\$716,000	\$1,349,928	\$220,437	\$865,640	\$128,091
S10008	El Monte Pipeline #2				\$24,108	\$55,184
S10010	Recycled Water System Upgrades	\$910,000	\$910,000			\$66,910
S10013	Barrett Flume Cover					\$99
S10055	Lindbergh Field 16" Cast Iron Main Replacement	\$6,820,000	\$4,208,313	\$507,000	\$73,930	\$227,424
S10123	Water Group Job 915 (3012)	\$16,012,271	\$16,012,271	\$3,641,286	\$2,924,360	\$4,556,326
S10127	Advanced Water Treatment Demo Plant (IPR/RA)	\$7,200,000	\$7,200,000		\$463,387	\$1,738,831
S11021	University Ave Pipeline Replacement	\$15,300,000	\$15,300,000	\$1,000,000	\$409,449	\$450,814
S11022	Upas Street Pipeline Replacement	\$20,196,326	\$20,196,326	\$1,136,558	\$590,419	\$480,881
S11024	Miramar Clearwell Improvements	\$79,000,000	\$79,000,000	\$100,000		\$131,388
S11025	Chollas Building	\$17,700,000	\$17,700,000	\$775,274	\$160,919	\$133,591
S11027	Otay 1st/2nd Pipeline Abandonment East of Highland	\$7,300,000	\$7,221,721	\$397,000		\$156,683
S11100	CIS ERP Implementation	\$11,198,520	\$11,198,520			\$2,978,980
S11102	Colony Hill Water Main Relocation	\$1,503,900	\$1,460,250	\$979,988	\$728,500	\$540,853
S11108	Water Group 787	\$9,236,125	\$9,174,252	\$2,569,756	\$1,938,189	\$4,016,468
S12015	Pacific Beach Pipeline	\$20,530,000	\$20,530,000			\$100,604
S12019 (B10070)	Scripps Ranch Pump Station	\$13,079,000	\$13,079,000	\$1,968,184	\$1,243,763	\$1,487,487
S12028	Harbor Drive Pipelines Replacement	\$11,540,000	\$11,540,000		\$102,063	\$881,366

WATER

Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
S00022	Alvarado WTP-Ozone Improvements (PH IV)	\$61,166,435	\$61,166,435	\$114,500	\$1,234,418	\$816,201
S00023	Alvarado WTP - Rehab Floc/Sed Basins PH 3	\$19,588,139	\$19,588,139	\$112,000	\$967,658	\$273,627
	TOTAL	\$781,552,518	\$790,124,977	\$81,590,622	\$44,121,928	\$64,182,634

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Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
ABP00001	Pump Station Restorations	\$14,391,651	\$14,316,147	\$1,626,791	\$1,399,338	\$395,216
B00476	SPS 13 REHAB	\$840,000	\$1,026,500	\$50,000	\$14,584	\$163,976
B00499	SEWER PUMP STATION #27- RESTORATION	\$6,907,545	\$6,907,545			\$9,021
B00500	SKYLARK CNYN SWR PS	\$1,714,046	\$1,714,046	\$50,000	\$7,907	\$6,645
B00503	SEWER PUMP STATION #27 - PHASE 2	\$2,738,632	\$2,738,632	\$1,226,791	\$1,334,688	\$165,530
S01095	MISSION BAY SEWAGE INTERCEPT SYST	\$1,482,295	\$1,273,424			\$1,000
B12018	SEWER PUMP STATION 77A GENERATORS (SPS77A)	\$709,133	\$656,000	\$300,000	\$42,159	\$49,044
ABP00003	Pump Station 64,65, Penasquitos, E Mission Gorge	\$4,411,508	\$6,500,000	\$1,100,000	\$616,358	\$768,835
B00306	PS 65 CAPACITY UPGRADE (AA 419270)	\$3,911,508	\$6,000,000	\$100,000		\$383,996
B10224	Sewer Pump Station 64 Force Main Repair	\$500,000	\$500,000	\$1,000,000	\$616,358	\$384,839
AJA00001	Sewer Main Replacements	\$326,121,012	\$322,927,814	\$37,985,534	\$11,825,857	\$36,371,178
B00322	GROUP 3011-SEWER & WATER 648	\$2,647,619	\$2,647,619	\$150,000		\$8,979
B00323	GROUP 3011-SEWER 649	\$1,223,926	\$1,223,926	\$150,000	\$9,576	\$38,121
B00324	GROUP 3011-SEWER & WATER 650	\$3,390,197	\$3,390,197	\$200,000		\$83,097
B00326	SEWER GROUP 665	\$2,927,866	\$3,953,176	\$270,141	\$67,284	\$375,579
B00327	SEWER GROUP 644	\$2,659,147	\$2,659,147	\$365,229		\$273,124
B00328	Sewer Group 668 Ocean Beach South Master Plan	\$2,215,025	\$2,215,025	\$70,500		\$15,339
B00329	SEWER GROUP 682	\$3,616,158	\$3,616,158	\$927,312	\$210,811	\$1,391,598
B00331	SEWER GROUP 678	\$1,112,220	\$1,112,220	\$22,275		\$88
B00332	SEWER & WATER GRP 684A	\$4,530,146	\$4,530,146			\$746
B00333	CITY HEIGHTS: GRP 685	\$5,172,341	\$5,172,341	\$100,000		\$84,662
B00334	SEWER & WATER GROUP 689 (S)	\$4,623,427	\$4,623,427	\$14,795		\$48,735

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Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B00335	SEWER & WATER GROUP 683A (S)	\$4,018,699	\$4,018,699			\$24
B00336	SEWER GROUP JOB 726	\$2,901,218	\$2,901,218	\$700,000		\$91,548
B00337	SEWER GROUP JOB 727	\$3,836,901	\$3,055,368	\$3,000		\$9,111
B00338	SEWER GROUP JOB 728	\$3,581,119	\$3,581,117	\$168,658		\$3,780
B00339	SEWER GROUP JOB 729	\$2,052,017	\$2,140,745	\$316,274		\$154,112
B00340	SEWER GROUP JOB 730	\$1,786,063	\$1,786,063	\$121,515		\$190,138
B00341	SEWER GROUP JOB 731	\$1,927,893	\$1,927,893		\$171,980	\$2,201
B00342	SEWER GROUP JOB 732	\$1,378,638	\$1,378,684	\$50,000		\$56,871
B00343	SEWER GROUP JOB 734	\$1,317,661	\$1,317,661	\$153,939		\$18,188
B00344	SEWER & WATER GRP JOB 544	\$1,341,570	\$1,341,570			\$2,726
B00345	SEWER GROUP 735	\$3,040,971	\$2,492,006	\$3,000		\$22,834
B00346	SEWER GROUP 697A	\$2,286,693	\$2,286,693	\$21,600		\$5,955
B00348	GROUP JOB 740	\$2,750,341	\$1,300,930	\$1,395,940	\$107,177	\$560,273
B00349	GROUP JOB 739	\$1,379,975	\$1,361,814	\$511,661		\$70,381
B00352	SEWER GROUP 742	\$2,310,160	\$2,200,963	\$12,675		\$7,939
B00353	SEWER GROUP 743	\$1,363,300	\$1,363,300	\$54,450		\$704
B00354	SEWER GROUP 745	\$4,230,239	\$4,256,595	\$6,061		\$49,591
B00355	SEWER & WATER GROUP 747 (S)	\$2,777,411	\$2,949,591			\$144
B00356	SEWER GROUP 748	\$1,883,000	\$2,442,612	\$852,798	\$147,418	\$949,922
B00358	SEWER GROUP JOB 738	\$1,791,051	\$1,791,051	\$2,158,598		\$1,397,685
B00359	SEWER GROUP 750	\$2,472,681	\$2,418,041	\$486,447		\$896,633
B00360	Water & Sewer Group Job 752	\$4,773,547	\$4,773,547	\$98,609		\$3,335
B00361	SEWER GJ 753	\$3,428,695	\$3,428,694	\$1,511,492	\$186,886	\$1,410,868
B00362	WATER & SEWER GJ 754	\$3,560,417	\$3,560,417	\$1,302,424	\$702,542	\$1,549,395
B00363	SEWER GROUP 756	\$3,169,885	\$3,169,885	\$1,788,670	\$234,113	\$2,151,159
B00365	SEWER & WATER GROUP 758	\$3,445,600	\$3,445,600	\$100,000	\$840	\$37,318

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Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B00366	SEWER & WATER GROUP JOB 759	\$781,730	\$781,731	\$153,844		\$119,885
B00368	SEWER GROUPS 764	\$5,856,657	\$5,856,657	\$50,000		\$352
B00369	SEWER & WATER GROUP 765					\$567
B00370	SEWER GROUP 767	\$4,377,500	\$3,873,012	\$489,509	\$2,330,947	\$735,819
B00371	SEWER & WATER GROUP 768	\$2,615,442	\$2,701,671	\$1,901,106	\$158,711	\$1,214,585
B00372	SEWER & WATER GROUP JOB 761	\$3,777,689	\$3,813,470	\$60,000		\$134,092
B00373	GROUP 3015-SEWER GROUP 762	\$2,697,942	\$2,697,942	\$846,398		\$1,809,622
B00374	SEWER GROUP JOB 763					\$451
B00376	SEWER GROUP JOB 773			\$60,060		
B00377	SEWER GROUP JOB 772	\$2,067,029	\$2,067,029	\$135,676	\$1,053	\$726,240
B00378	SEWER GROUP JOB 784	\$3,578,809	\$3,578,809	\$50,000		\$11,681
B00379	SEWER GROUP JOB 788	\$4,425,026	\$4,425,026	\$100,000		\$41,184
B00380	SEWER GROUP 764A	\$4,852,242	\$4,852,242			\$73,512
B00381	SEWER & WATER GROUP 789	\$2,127,642	\$2,127,642	\$1,382,295	\$344,469	\$1,677,800
B00382	SEWER GROUP 820	\$3,558,665	\$4,094,866	\$100,000	\$1,550	\$82,749
B00383	SEWER GROUP 785	\$4,195,977	\$4,195,977	\$57,420		
B00384	43RD ST & NAT AVE REALIG	\$642,933	\$642,933	\$82,567	\$42,649	\$157,040
B00385	SEWER & WATER GROUP JOB 774	\$3,524,376	\$3,365,118	\$2,178,409	\$123,519	\$2,208,625
B00386	SEWER & WATER GROUP JOB 775					\$13,145
B00387	SEWER GROUP JOB 776	\$4,113,888	\$4,123,888	\$60,060		\$11,075
B00388	SEWER & WATER GROUP JOB 778	\$4,010,183	\$4,010,183	\$56,430		\$17,607
B00389	Sewer Group Job 780	\$3,502,926	\$3,502,926	\$1,711,685	\$92,438	\$2,194,845
B00390	Sewer Group Job 781	\$4,210,025	\$4,210,025	\$2,362,407	\$839,821	\$2,211,097
B00391	SEWER GROUP JOB 782					\$710
B00393	SEWER & WATER GJ 787	\$4,643,452	\$4,743,452	\$91,874		\$136,200
B00394	SEWER GJ 793	\$1,604,111	\$1,604,111	\$29,370		\$7,871

WASTEWATER

Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B00395	SEWER GJ 794	\$4,091,924	\$4,091,924	\$99,990		\$1,531
B00396	SEWER GJ 795	\$455,460	\$536,211	\$44,880		\$7,424
B00398	SEWER GJ 797	\$70,000	\$70,000			\$27,409
B00399	SEWER GROUP 798	\$90,000	\$90,000			\$18,451
B00401	GROUP JOB 785 CANYON	\$954,434	\$954,434	\$462,335		\$439,992
B00403	Sewer Group Job 807	\$5,375,708	\$5,375,708	\$81,840		
B00404	GROUP 3015-SEWER GROUP 805	\$3,250,155	\$3,250,155	\$819,022	\$180,956	\$861,999
B00405	SEWER & WATER GROUP 792	\$2,667,193	\$2,334,963	\$2,000,000	\$355,455	\$1,170,187
B00406	SEWER GROUP JOB 806					\$14,090
B00408	SEWER GROUP 779					\$1,068
B00409	SEWER GJ 798C					\$6,302
B00410	SEWER GJ 770	\$2,182,420	\$2,202,420	\$100,000		\$69,071
B00411	SEWER GROUP 739A	\$1,156,595	\$1,156,595	\$1,499,729	\$12,742	\$757,678
B00412	SEWER GROUP 808	\$1,754,216	\$1,754,216	\$69,847		\$1,689
B00413	SEWER GROUP 821	\$4,606,854	\$4,606,854			\$544
B00414	SEWER GROUP 818	\$4,512,692	\$4,512,692	\$73,590		\$659
B00415	SEWER GJ 815	\$1,975,082	\$1,997,582	\$30,000		\$45,398
B00416	Sewer & Water Group Job 809	\$4,518,747	\$4,518,747	\$80,996	\$111,764	\$116,460
B00417	SEWER GROUP 810	\$4,145,949	\$4,145,949	\$59,070		
B00419	SEWER & WATER GROUP 822	\$2,372,517	\$2,372,517	\$1,446,125	\$556,516	\$1,004,898
B00420	SEWER & WATER GROUP JOB 799	\$1,908,021	\$1,942,197	\$100,000	\$985,481	\$111,120
B00421	SEWER GROUP 786	\$4,144,431	\$4,144,431	\$58,080		\$7,267
B00422	SEWER GROUP JOB 672A					\$1,083
B00424	SEWER GROUP JOB 800					\$1,741
B00426	SEWER GROUP 812	\$4,988,826	\$4,988,826	\$80,000		
B00429	BUCHANAN CANYON SEWER B	\$3,791,396	\$3,791,396	\$80,000	\$5,505	\$55,299

WASTEWATER

Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B00432	Mission Center Canyon B Sewer Main Replacement	\$1,032,494	\$934,189	\$45,342	\$38,721	\$115,699
B00433	Mission Center Canyon C Sewer Main Replacement	\$3,153,159	\$3,153,159	\$27,840		
B00435	SEWER GJ 814	\$2,952,429	\$2,322,586	\$48,180		\$46,411
B00437	SEWER GROUP JOB 833					\$13,727
B00441	Sewer & Water Group Job 829	\$1,223,600	\$1,223,600			\$2,122
B00442	SEWER GROUP 549	\$4,544,800	\$3,287,731	\$117,953		\$149,187
B00443	SEWER GJ 816					\$17,623
B00445	WATER & SEWER GROUP 687B	\$6,748,442	\$6,748,442	\$100,000		\$84,870
B00446	SEWER GROUP 691	\$2,960,655	\$2,907,217	\$70,000	\$6,268	\$125,500
B00447	SEWER & WATER GROUP 693 (GP3) (05)	\$3,491,566	\$3,491,566	\$107,967		\$37,045
B00448	SEWER & WATER GROUP 694	\$3,795,800	\$4,597,426	\$77,550		\$50,395
B00449	SEWER & WATER GROUP 695	\$3,521,791	\$3,312,927	\$54,120		\$63,799
B00450	SEWER GROUP 725 SEWER MAIN REPLACEMENT	\$2,763,858	\$2,763,858			\$10,271
B00451	SEWER GROUP 698	\$7,851,112	\$7,328,926	\$1,000,000	\$3,625,801	\$1,615,850
B00452	SEWER & WATER GROUP 701	\$3,209,020	\$3,209,020	\$56,760		\$26,055
B00453	SEWER GROUP 703 SEWER MAIN REPLACEMENT	\$3,370,151	\$3,370,151			\$989
B00455	SEWER GROUP 714	\$2,747,272	\$2,747,272	\$1,400,000	\$139,575	\$1,373,309
B00456	SEWER GROUP 715	\$2,942,665	\$2,942,665			\$42,760
B00457	Sewer Group 716	\$3,066,124	\$3,066,124	\$123,264		\$424,984
B00458	CENTRE CITY GROUP JOB 711	\$839,156	\$839,155			\$701
B00459	SEWER GROUP 720	\$4,544,963	\$4,563,856	\$67,980		\$55,256
B00460	SEWER GROUP 721	\$4,983,712	\$4,878,277	\$70,290		\$9,918
B00461	TALMADGE - GROUP 703A	\$3,645,625	\$3,144,674	\$50,000		\$102,397
B00462	SEWER GROUP 723	\$3,118,050	\$3,692,620	\$354,000		\$52,143
B10149	Sewer Group Job 682M	\$571,553	\$571,553	\$117,466		\$340,112
B10151	Sewer Group Job 740M	\$316,280	\$337,000	\$208,626		\$277,784

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Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B10152	Sewer Group Job 785AM	\$376,920	\$376,920	\$77,422		\$263,157
B10209	Lytton St. 6-inch Sewer Replacement	\$544,957	\$544,957	\$30,000		\$50,739
B10210	YOSEMITE ST & LA CIMA DR SEWER MAIN REPLACEMENT					\$2,018
B11019	SEWER GROUP JOB 830					\$1,061
B11021	WATER AND SEWER GROUP JOB 929 (S)	\$544,957	\$771,105	\$48,100		\$125,877
B11022	WATER AND SEWER GROUP JOB 930 (S)	\$760,100	\$1,392,875	\$100,000		\$175,909
B11048	WATER & SEWER GROUP JOB 952	\$1,658,935	\$2,100,000	\$120,000		
B11077	Sewer Group 767A	\$2,744,345	\$2,744,345	\$80,000		\$1,484
B11136	WATER & SEWER GROUP JOB 934	\$2,744,345	\$650,618	\$120,000		\$16,818
B11151	Water & Sewer Group Job 956 (S)	\$208,750	\$349,579	\$20,000		\$75,108
B11152	Water & Sewer Group Job 957(S)	\$208,750	\$788,760	\$60,000	\$11,172	\$95,032
B12042	Sewer and Water Group Job 940 (S)	\$4,117,660	\$4,117,660		\$22,119	\$114,037
B12048	Water and Sewer Group 965 (S)	\$1,716,335	\$1,716,335			\$4,206
B12071	WATER AND SEWER GROUP JOB 946 (S)					\$18,432
B12097	Pacific Beach Pipeline Central in West Mission Bay					\$23,077
B12102	3742 Mission Blvd Sewer Main Replacement					\$94,302
AJA00002	Pipeline Rehabilitation	\$98,737,413	\$96,145,222	\$16,560,555	\$17,362,304	\$19,033,623
B00347	SEWER MAIN REHAB PH J-1B (AA 460500)	\$2,334,788	\$3,055,461			\$242,749
B00469	PIPELINE REHAB PH H-1	\$6,585,361	\$6,585,361		\$534,818	\$1,106,069
B00471	PIPELINE REHAB PH J-1	\$4,801,017	\$4,801,017			\$58,775
B00474	PIPELINE REHAB PHASE D-2	\$1,676,073	\$1,676,073			\$68,720
B00521	PIPELINE REHAB PHASE J-1D	\$6,215,351	\$6,215,351	\$2,804,091	\$775,815	\$3,751,989
B00529	SEWER MAIN REHAB PH J-1A (AA 460500)	\$3,676,270	\$3,676,270			\$2,482
B00530	Sewer Main Rehabilitation Phase J-1C	\$4,135,853	\$4,135,852	\$1,086,965	\$31,400	\$963,666
B10141	PIPELINE REHABILITATION K-I	\$3,988,630	\$3,988,630	\$1,247,500	\$315,315	\$2,330,428

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Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B10142	PIPELINE REHABILITATION L-I	\$4,700,774	\$4,700,774	\$3,845,000	\$745,564	\$3,361,010
B10182	Pipeline Rehabilitation N-1	\$7,995,000	\$7,229,000	\$2,100,000	\$2,592,151	\$3,545,430
B10184	Pipeline Rehabilitation M-1	\$4,565,000	\$4,565,000	\$1,450,000	\$1,380,179	\$276,338
B10185	Pipeline Rehabilitation O-1	\$5,096,000	\$5,352,274	\$1,000,000	\$3,870,240	\$426,636
B10192	Pipeline Rehabilitation P-1	\$6,167,131	\$6,122,409	\$2,787,000	\$2,220,282	\$2,287,258
B11028	Pipeline Rehab - Phase K-2 (Laterals)					\$1,606
B11029	Pipeline Rehabilitation - Phase G-2 (Laterals)	\$4,000,000	\$4,000,000	\$50,000		\$1,429
B11030	Pipeline Rehabilitation - Phase I-2 (Laterals)	\$4,000,000	\$4,000,000			\$1,778
B11061	PIPELINE REHABILITATION - PHASE J-2 (LATERALS)	\$4,000,000	\$4,000,000			\$93,660
B11062	PIPELINE REHABILITATION R-1	\$5,710,400	\$4,845,972	\$40,000		\$124,413
B11074	PIPELINE REHABILITATION Q-1	\$6,543,000	\$6,027,335	\$100,000	\$4,896,542	\$168,264
B11078	PIPELINE REHABILITATION S-1	\$5,390,790	\$5,193,043	\$40,000		\$113,963
B11120	PIPELINE REHABILITATION T-1	\$7,155,975	\$5,975,400	\$10,000		\$106,960
AJA00003	Unscheduled Projects	\$13,019,749	\$13,831,313	\$1,760,543	\$90,482	\$3,115,047
B00495	SEWER GROUP JOB 785A ACCELERATED	\$2,649,967	\$2,649,967	\$1,700,000	\$90,482	\$1,400,307
B00496	WATSON RANCH CREEK CROSSING PIP					\$3
B00504	Manning Canyon Sewer and Water Replacement	\$4,108,917	\$4,998,185	\$60,543		\$59,082
B00507	FALSE BAY EMERGENCY	\$1,424,841	\$1,424,841			\$24,352
B00508	60TH STREET ACCELERATED	\$2,059,734	\$2,059,734			\$3,760
B00513	FAMOSA ACCELERATED SEWER & WATER	\$2,076,290	\$1,998,586			\$7,841
B12088	Harbor Dr 48" TS Emerg MH Repl	\$700,000	\$700,000			\$1,619,703
AJB00001	Metropolitan Waste Water Department Trunk Sewers	\$62,191,605	\$66,863,499	\$10,939,345	\$5,729,847	\$10,379,847
B00302	54TH & MARKET	\$360,291	\$360,291	\$13,900		\$4,465
B00307	ALVARADO CHANNEL PIPE CROSSING ACCEL	\$723,255	\$738,712	\$55,515		\$28,466
B00310	OLD ROSE CYN TS RELOCATION	\$6,600,000	\$6,630,000			\$2,132

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Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
B00311	CALTRANS/SR- 905 OTAY MESA TS	\$3,904,000	\$3,904,000			\$5,511
B00478	Balboa Terrace Trunk Sewer	\$6,387,169	\$9,496,368	\$600,000	-\$891,265	\$239,376
B00479	Pacific Highway Trunk Sewer	\$6,036,484	\$6,036,484	\$2,252,369	\$759,466	\$3,594,218
B00481	ALVARADO TRUNK SEWER PHIII	\$3,254,570	\$4,332,180	\$2,800,115		\$135,779
B00482	CROWN PT TS	\$4,814,072	\$4,814,072			\$29
B00483	PALM CITY TS	\$5,933,078	\$5,145,105	\$3,473,578	\$917,101	\$2,626,645
B00484	PENASQUITOS VIEW TS	\$2,139,207	\$2,139,207			\$1,119
B00485	HILLSIDE SEWER (TECHITE)					\$436
B00486	Sunset Cliffs Trunk Sewer	\$4,056,506	\$4,056,505	\$128,000		\$1,833,966
B00488	GRANTVILLE TS	\$4,768,476	\$4,359,432	\$1,549,398	\$1,168,899	\$1,822,349
B00490	PENASQUITOS NORTH TRUNK SEWER	\$3,661,452	\$3,661,452	\$10,230		
B00494	TRUNK SEWER #58 & #18 IMPROVEMENTS	\$4,772,935	\$4,772,935	\$56,240		
B00510	QUINCY ST. & WILBUR AVE.	\$2,080,110	\$2,080,110			\$547
B11112	Alvarado Trunk Sewer Phase IIIA	\$2,700,000	\$4,336,646		\$3,775,646	\$84,810
S00302	South Mission Valley Trunk Sewer	\$11,047,151	\$13,943,838	\$1,694,671	\$249,984	\$897,376
S00303	Pump Station Upgrades Group I North County	\$7,573,838	\$7,573,838			\$205,427
S00304	PS Upgrades Group II Cnty Wide	\$4,883,224	\$4,883,224	\$1,129,807	\$131,822	\$131,887
S00305	PS Upgrades Group III Forcemains	\$6,055,773	\$4,687,623	\$3,000,000	\$1,864,679	\$1,412,875
S00308	Pump Station 84 Upgrade & Pump Station 62 Abandon	\$13,265,500	\$13,265,500	\$500,000	\$168,562	\$329,491
S00325	Carmel Valley Trunk Sewer	\$10,707,151	\$10,707,151			\$3,655
S00329	East Point Loma Trunk Sewer	\$3,280,973	\$3,280,973	\$1,500,000	\$217,829	\$1,713,967
S00331	Balboa Avenue Trunk Sewer	\$2,718,160	\$2,991,041			\$82,142
S00332	Montezuma Trunk Sewer	\$4,039,298	\$5,736,198	\$100,000		-\$142,100
S00334	USIU Trunk Sewer	\$7,417,639	\$7,030,478	\$1,815,631	\$1,105,480	\$3,981,210
S00335	Lake Murray Trunk Sewer	\$10,366,815	\$10,366,815	\$401,944	\$879,247	\$864,843
S00336	Harbor Drive Trunk Sewer Replacement	\$12,398,748	\$12,398,748	\$3,875,000	\$6,013,434	\$1,422,307

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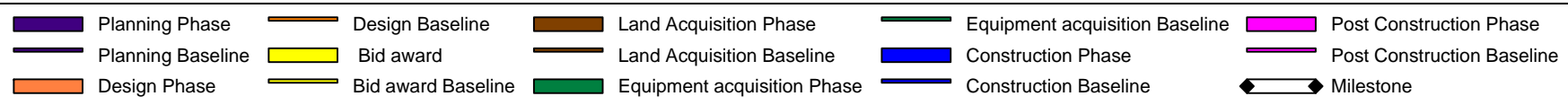
Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
S00337	Sewer Pump Station 41 Rehabilitation	\$8,881,955	\$8,881,955	\$11,061	\$610,218	\$262,792
S00341	Pipeline Rehabilitation Phase F-1	\$10,260,957	\$9,062,157		\$520,447	\$31,294
S11100	CIS ERP Implementation	\$11,198,520	\$11,198,520			\$3,290,902
S12035	BALBOA TERRACE TRUNK SEWER				\$1,094,677	\$201,566
S12036	Backup Generators at Sewer PS's, TP, & EMTS				\$577,163	\$6,273,428
ABO00001	Metro Treatment Plants	\$22,882,610	\$22,550,480	\$2,961,398	\$4,249,087	\$2,819,516
B00314	MBC BIOSOLIDS SCREEN & BLENDING TANK BYP	\$945,846	\$945,846			\$689
B00315	MBC Chemical Storage & Handling System	\$439,131	\$439,131			\$5,328
B00316	MBC ACCESS ROAD DRAINAGE IMPROVEMENTS (A	\$288,184	\$288,184	\$211,779	\$12,781	\$202,032
B00318	MBC RAW SOLIDS RECEIVING TANK NO. 1 ISO					\$5,003
B00321	NCWRP LAB AIR CONDITIONING UPGRADE					\$2,991
B00527	NCWRP EDR #6	\$1,823,464	\$1,823,464			\$163,814
B00528	MBC WATER SYSTEMS IMPROVEMENTS	\$1,179,355	\$1,179,355	\$249,619	\$67,709	\$930,049
B10085	PTL Sedimentation Basins Equip Refurbish	\$8,386,630	\$7,954,500	\$950,000	\$608,960	\$809,966
B10178	MBC Chemical System Improvements Phase 2	\$5,070,000	\$5,070,000	\$1,000,000		\$65,815
B10225	PTLWTP - POWER CENTER 6	\$250,000	\$250,000	\$50,000		\$21,811
B11076	PTLWTP PC 6 Transformer Cabinet & Switchboard Repl	\$300,000	\$400,000		\$280,702	\$36,943
B11139	North City Cogeneration Facility Expansion	\$4,200,000	\$4,200,000	\$500,000	\$3,278,935	\$575,075
ABP00002	Metropolitan System Pump Stations	\$225,230,442	\$9,935,000	\$2,000,000	\$650,927	\$2,213,505
B00313	PS 1&2 ELECTRICAL UPG & NEW BLDG AT PS2	\$9,935,000	\$9,935,000	\$2,000,000	\$650,927	\$2,213,505
L100001	Ovation Upgrade at Pt Loma Wastewater Trmt Plant	\$4,180,000	\$4,180,000	\$3,200,000	\$1,049,958	\$2,718,474
S00320	Metro Facilities Control System Upgrade Phase I	\$7,000,000	\$7,000,429			\$10,014
S00309	NCWRP Sludge Pump Station Upgrade	\$626,294	\$636,294	\$283,000	\$60,991	\$66,607
S00312	PS2 Power Reliability & Surge Protection	\$31,500,000	\$31,200,000	\$100,000		\$100,846
S00314	Wet Weather Storage Facility	\$112,001,859	\$112,001,859	\$50,000	\$8,684	\$72,894

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Funded Program	Project Name	Baseline Project Cost	Revised Project Cost	FY12 Projected Expenditures Total	FY12 Period 12 Encumbrances SAP (unaudited)	FY12 Period 12 Actual Expenditures SAP (unaudited)
S00315	Point Loma Grit Processing Improvements	\$32,922,630	\$33,296,326	\$8,000,000	\$6,767,028	\$5,200,719
S00316	Pt Loma-South Access Road Protection Project					\$379
S00321	MBC Centrate Collection Upgrades	\$2,311,159	\$2,311,159	\$27,061		\$107,610
S00322	MBC Biosolids Storage Silos	\$7,553,500	\$7,553,500	\$100,000	\$302,773	\$39,989
S00323	MBC Odor Control Facility Upgrades	\$5,200,000	\$5,200,000	\$500,000	\$1,046,368	\$71,970
S00339	MBC Dewatering Centrifuges Replacement	\$12,000,000	\$12,000,000	\$500,000		\$110,058
	TOTAL	\$891,081,692	\$894,457,101	\$101,722,341	\$64,593,542	\$104,559,390

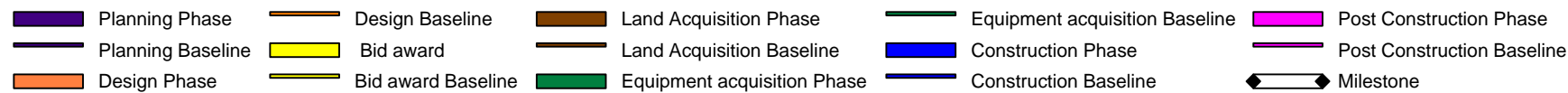
IROC Report - Water Projects

Data date: August 1st, 2012



IROC Report - Sewer Projects

Data date: August 1st, 2012



FY12 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
4th QTR FY12 (04/01/2012-06/30/2012)							
B-00356	Sewer Group 748	\$1,420,000.00	\$147,563.88		\$1,567,563.88	10.39%	This change order is to replace 20,159 square feet of deteriorated street pavement prior to the installation of AC overlay at San Jacinto Drive and Naranja Street.
B-00077 / B-00084 / B-00098	Water Group Job 3013 (GJ 764, 764A, 821)	\$2,096,473.22	\$340,718.20		\$2,437,191.42	16.25%	The change order work includes the replacement of deteriorated sewer mains on Talbot Street, pavement restoration, reconnections of water mains, removal of 2,800 linear feet of highline, and slurry fill 275 feet of existing water mains on Talbot Street that passes under a retaining wall footing which extends into the street.
B-00373 B-00404	Group 3015-Sewer Group 762 and Sewer Group 805	\$3,280,000.00	\$394,836.53	\$195,078.32	\$3,674,836.53	12.04%	Sewer Group 762 – change order includes the replacement of 2,000 linear feet of 8” sewer mains, installation of 56 sewer laterals, and nine manholes on Calle Tortuosa, Homesite Dr, Rustic Dr, Saipan Dr, and Viewpoint Dr. This CO added \$199,758.21 Sewer Group 805 – change order consists of the replacement of 2,027 linear feet of 8” sewer mains, installation of 50 sewer laterals, and nine manholes on Calle Tortuosa, Calle Chanate, Dusk Dr, and Rustic Dr. This CO added \$195,078.32
3rd QTR FY12 (01/01/2012-03/31/2012)							
B-10154	Water Group Job 787M2	\$345,128.00	\$85,313.51		\$430,441.51	24.72%	Caltrans required that the working hours in the area be changed to night work hours, 9PM to 5AM, versus the contract documents work hours of 830AM to 330PM. The change order noted compensates the contractor for the increased costs associated with construction the project at night.
B-10149	Sewer Group 682M	\$347,280.00	\$57,039.53		\$404,319.53	16.42%	Removal of existing sewer encasement not on as-builts.

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
B-00077 / B-00084 / B-00098	Water Group Job 3013 (GJ 764, 764A, 821)	\$2,096,473.22	\$267,674.81		\$2,364,148.03	12.77%	During Construction PUD requested that we replace the existing sewer main adjacent to our project on Talbot St. because it was in severe need of replacement. This work was done under CO#1 for \$69175. During construction it was found that many street sections in the project were as thin as 2 and 4". As a result, Slurry was not sufficient to refinish the street. AC overlay was added/ increased to properly resurface the areas damaged by construction activities. This CO added to \$198,499.81
B-00358	Sewer Group Job 738	\$982,000.00	\$248,938.91		\$1,230,938.91	25.35%	During construction the contractor encountered existing concrete alley ways that were crumbling under the heavy equipment. Large sections of alley were replaced throughout the project with 12" of Class II Base. The costs to do this work added a total of \$248,938.91 to the project.
2nd QTR FY12 (10/01/2011 – 12/31/2011)							
B-10149	Sewer Group 682M	\$347,280.00	\$42,959.72		\$390,239.72	12.37%	Removal of existing sewer encasement not on as-builts.
S-00335	Lake Murray Trunk Sewer	\$7,903,270.74	\$1,131,016.80		\$9,034,287.54	14.31%	Additional work in the Golf Course area is required due to Golf Course Moratorium requirements. Also, construction trailer was misinterpreted as class "D" and was upgraded to class "A".
B-10224	Sewer Pump Station 64 Force Main Repair	\$837,000.00	\$128,252.95		\$965,252.95	15.32%	The \$97,263.65 change order was for the installation of a 42-inch line stop on the forcemain so that the pump station can be shut down for repair on the forcemain. The \$30,989.30 change order was to install four (4) potholes investigation at four (4) different locations.
1st QTR FY12 (07/01/-2011 - 9/30/2011)							
B-00078	Water Group 911	\$1,025,900.00	\$125,592.70		\$1,151,492.70	12.24%	Additional funding needed due to unforeseen conditions during construction: <ul style="list-style-type: none"> • Installation of stop bars on six adjacent streets. • Replacement of 668 linear feet of 8-inch CL 150 pipe with 8-inch DR-14 pipe. The DR-14 pipe was needed because many sewer laterals crossed above and in close proximity to the proposed 8-inch water main. • Installations of two curb walls behind two new fire hydrants with steep slopes behind them. • Replacement of failed trench cap. • Installation of 74,875 sq ft of Truepave, pavement fabric due to the severely deteriorated, broken pavement and wet clay subgrade.
B-10224	Sewer Pump Station 64 Force Main Repair	\$837,000.00	\$97,263.65		\$934,263.65	11.62%	This change order is for the installation of a 42-inch line stop on the forcemain so that the City can shut down the pump station for the contractor to perform repair on the forcemain.
B-00377/ B-00088	Sewer & Water Group 772	\$1,439,359.34	\$767,163.36		\$2,206,522.70	53.30%	Additional funding is needed due to the failure of the existing pavement and sub-base during construction caused by unforeseen saturated clay soil.