

# **Public Utilities**



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## Public Utilities

The Public Utilities Department provides water, wastewater, and recycled water services to approximately 1.3 million water customers and 2.5 million wastewater customers within the San Diego region. The Department's Capital Improvement Program (CIP) supports the infrastructure for reliable water supply and wastewater collection and treatment. The water system extends over 404 square miles with demands of approximately 172 million gallons per day (mgd). This system includes 49 water pump stations, 29 treated water storage facilities, three water treatment plants, and over 3,000 miles of pipelines. The Department also manages the recycled water system, which includes three pump stations and over 80 miles of purple pipe delivering an annual average of over 10 mgd for irrigation, manufacturing, and other non-potable uses. The wastewater system consists of the Municipal (Muni) System and Metropolitan (Metro) System. The Muni System consists of approximately 3,000 miles of pipelines and 79 sewer pump stations including East Mission Gorge Pump Station, Sewage Pump Station No. 64, Sewage Pump Station No. 65, and Penasquitos Pump Station, and is primarily used to collect and convey wastewater from residences and businesses in the City of San Diego. The Metro System consists of three wastewater treatment plants, one biosolids processing facility, four large pump stations, and two outfalls, and provides treatment and disposal services for the City and 12 other agencies and districts within a 450 square mile area stretching from Del Mar to the north, Alpine and Lakeside to the east, and San Ysidro to the south.

Funding for water and wastewater projects are provided by a variety of sources which can include bond financing, water and sewer rates, state revolving fund loans, and grants. Approximately 34 percent of all Metro Fund expenditures are funded by Participating Agencies. The CIP program includes water projects mandated in the Compliance Order from the California Department of Public Health (CDPH); these projects will meet the requirements of the federal Safe Drinking Water Act. The Environmental Protection Agency (EPA) Consent Decree projects for the wastewater system are expected to complete in Fiscal Year 2013. The Department, however, will continue to provide for the needed replacement/rehabilitation of aging infrastructure in compliance with the Clean Water Act.

### 2013 CIP Accomplishments

The Public Utilities Department, in cooperation with the Public Works Department- Engineering & Capital Projects, oversees the design and construction of water, wastewater, and recycled water projects. Fiscal Year 2013 project highlights included:

The Department is mandated by the CDPH Compliance Order to award 10 miles of cast iron water main replacement in Fiscal Year 2013, and mandated by the EPA Consent Decree to complete 450 miles of sewer main replacement/rehabilitation by June 2013. As of December 2012, a total of 9.01 miles of cast iron water mains have been awarded. With regard to the EPA Consent Decree mileage, as of June 30, 2012 the Department has exceeded the mandate by completing a total of 451.5 miles of sewer pipes. The Department awarded 23.5 miles of water main replacement and completed 53.0 miles of sewer mains in Fiscal Year 2013.

Construction began on the Lindbergh Field Pipeline project which consists of the replacement and relocation of 1.36 miles of 16-inch cast iron water main. The work will increase the reliability of the local water system and will improve access in case of an emergency by relocating the pipeline from the Airport's property.

Construction was completed on Sewer & Water Group Job 789 which consisted of replacing approximately 9,560 linear feet (1.81 miles) of existing 8-inch vitrified clay sewer mains and approximately 17,042 linear feet (3.23 miles) of existing 6-, 8-, 10-, 16-, and 20-inch cast iron water mains. The project also included re-plumbing of sewer laterals, installing curb ramps, and paving restoration. This

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project will improve service reliability, increase pipe strength, upgrade the system to current standards, reduce maintenance requirements, and decrease the chances of water main breaks and sewer main overflows.

Construction began on the AC (Asbestos Cement) Shawnee Road Emergency Project which consists of the replacement of approximately 2,450 linear feet of 12-inch AC water mains on Shawnee Road and Sumter Street. These improvements will increase service reliability, reduce water main breaks, and future maintenance costs.

Construction continued on the Point Loma Grit Improvements which consists of the demolition of the existing South Grit and Headworks Building and construction of the new South Grit Tanks and Grit Processing Building at the Point Loma Wastewater Treatment Plant. The project also includes the construction of an interim grit processing facility and modifications to existing influent channels, piping and electrical/instrumentation. The Point Loma Wastewater Treatment Plant has six aerated grit removal tanks. The plant is not achieving desirable grit removal because the existing grit processing equipment is unable to extract fine sand or silt. The grit accumulated downstream of the grit tanks reduces the efficiency of processing equipment and minimizes the biosolid treatment in the digesters. This project will increase grit removal efficiency.

Construction began on the Alvarado Trunk Sewer Phase III A project which will replace approximately 770 linear feet of existing 24-inch vitrified clay sewer main with a new 36-inch main and will provide for rehabilitation of approximately 240 linear feet of existing sewer main. Approximately half of the linear footage of pipe will be installed using trenchless methods. The improvements will increase capacity and service reliability, while reducing future maintenance costs.

In addition to the Capital Improvement Projects, the Department televised an additional 50.3 miles of sewer mains in Fiscal Year 2013. To date, over 1,700 miles of sewer mains have been televised and more than 570 miles have been identified for replacement or rehabilitation.

## 2014 CIP Goals

The Public Utilities Department's goal is to provide safe drinking water to the 1.3 million residents of San Diego, and regional wastewater treatment and disposal services for the 2.5 million wastewater customers in the San Diego region.

In order to improve aging infrastructure, the Department's replacement/rehabilitation goals are 45 miles of sewer pipeline and to award 30 miles of water pipeline.

The Department will continue to evaluate the water pipeline replacement program for the remaining 90-100 miles of distribution cast iron water mains and initiate a condition assessment program for the 2,100 miles of AC water pipeline to determine the appropriate replacement rate for the next 10 years. On the wastewater side, the Department will use the assessment data of 570 miles of sewer mains to determine the appropriate number of replacement miles per year.

The Department will continue a proactive condition assessment program to evaluate the condition of water transmission lines, reservoirs, and large size wastewater pipelines.

Additionally, the Department plans to award the design-build contract to install permanent back-up generators at: Pump Stations 1, 64, 65; Penasquitos Pump Station; North City Water Reclamation Plant (NCWRP); and the Environmental Monitoring & Technical Services (EMTS) Laboratory.

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## Public Utilities: Capital Improvement Projects

Project	Prior Fiscal Years	FY2014 Adopted	Future Fiscal Years	Project Total
30th Street Pipeline Replacement / <b>S12010</b>	\$ 371,187	\$ -	\$ 8,950,398	\$ 9,321,585
69th & Mohawk Pump Station / <b>S12011</b>	250,000	279,129	12,087,008	12,616,137
Advanced Water Treatment Demo Plant (IPR/RA) / <b>S10127</b>	7,200,000	-	-	7,200,000
Alvarado 2nd PL Exten & Morena Blvd CI / <b>S12013</b>	-	-	66,941,493	66,941,493
Alvarado Water Treatment Plant Upgrade & Expansion / <b>S00021</b>	115,032,036	-	-	115,032,036
Backup Generators at Sewer PS's, TP, & EMTS / <b>S12036</b>	17,745,600	-	-	17,745,600
Balboa Terrace Trunk Sewer / <b>S12035</b>	10,104,812	-	-	10,104,812
Barrett Flume Cover / <b>S10013</b>	400,000	-	5,592,340	5,992,340
CIP Bond Issuance Reserve / <b>S00342</b>	5,000,000	-	-	5,000,000
Catalina 12inch Cast Iron Mains / <b>S12008</b>	400,000	600,000	7,417,326	8,417,326
Chollas Building / <b>S11025</b>	7,900,000	-	9,800,000	17,700,000
Cielo & Woodman Pump Station / <b>S12012</b>	100,000	-	14,379,546	14,479,546
Colony Hill Water Main Relocation / <b>S11102</b>	1,504,250	-	-	1,504,250
Corrosion Control / <b>AKA00001</b>	300,000	200,000	500,000	1,000,000
Dams and Reservoirs / <b>ABK00001</b>	1,405,770	-	1,900,341	3,306,111
Del Mar Heights East Segment / <b>S12017</b>	100,000	-	5,163,344	5,263,344
Del Mar Heights Pipeline Relocation / <b>S00070</b>	4,350,000	-	3,600,000	7,950,000
EAM ERP Implementation / <b>S14000</b>	-	5,628,000	7,250,000	12,878,000
EMT&S Boat Dock and Steam Line Relocation / <b>S00319</b>	1,732,137	-	286,398	2,018,535
East Mission Gorge Force Main Rehabilitation / <b>S00326</b>	654,640	-	5,537,195	6,191,835
East Point Loma Trunk Sewer / <b>S00329</b>	3,430,000	-	-	3,430,000
EI Capitan Pipeline #2 Valves / <b>S10005</b>	1,314,617	-	-	1,314,617
EI Capitan Reservoir Road Improvements / <b>S00040</b>	426,601	-	2,207,095	2,633,696
EI Monte Pipeline #2 / <b>S10008</b>	3,748,000	-	-	3,748,000
Freeway Relocation / <b>AKB00002</b>	2,782,970	-	434,500	3,217,470
Groundwater Asset Development Program / <b>ABM00001</b>	4,673,365	-	-	4,673,365
Harbor Drive Pipelines Replacement / <b>S12028</b>	9,571,398	-	-	9,571,398
Harbor Drive Trunk Sewer Replacement / <b>S00336</b>	12,398,748	-	-	12,398,748
La Jolla Scenic Drive 16inch Main / <b>S12009</b>	-	724,089	8,208,052	8,932,141
Lake Murray Trunk Sewer / <b>S00335</b>	11,010,798	-	-	11,010,798
Large Diameter Water Transmission PPL / <b>AKA00003</b>	-	780,113	16,391,267	17,171,380
Lindbergh Field 16" Cast Iron Main Replacement / <b>S10055</b>	3,477,779	-	-	3,477,779
Little McGonigle Ranch Road Pipeline / <b>S00069</b>	757,000	-	-	757,000
Lower Otay Outlet Tower / <b>S12018</b>	168,248	131,327	5,205,810	5,505,385
Lower Otay Reservoir Emergency Outlet Improvements / <b>S00044</b>	1,381,428	618,572	-	2,000,000
MBC Biosolids Storage Silos / <b>S00322</b>	8,707,993	339,845	-	9,047,838
MBC Dewatering Centrifuges Replacement / <b>S00339</b>	2,936,837	4,591,817	3,913,900	11,442,554
MBC Odor Control Facility Upgrades / <b>S00323</b>	3,496,231	1,022,262	1,681,507	6,200,000
Metro Facilities Control Systems Upgrade / <b>L10000</b>	8,270,388	-	-	8,270,388

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## Public Utilities: Capital Improvement Projects (cont'd)

Project	Prior Fiscal Years	FY2014 Adopted	Future Fiscal Years	Project Total
Metro Treatment Plants / <b>ABO00001</b>	15,910,215	1,700,000	10,229,245	27,839,460
Metropolitan System Pump Stations / <b>ABP00002</b>	10,390,123	-	264,877	10,655,000
Metropolitan Waste Water Department Trunk Sewers / <b>AJB00001</b>	49,336,354	-	25,295,557	74,631,911
Miramar Clearwell Improvements / <b>S11024</b>	3,640,000	2,400,000	78,960,000	85,000,000
Miramar Contract A Roof System Redesign / <b>S13016</b>	3,000,000	4,557,000	-	7,557,000
Miramar Water Treatment Plant Upgrade & Expansion / <b>S00024</b>	120,568,505	-	-	120,568,505
Montezuma Pipeline/Mid-City Pipeline Phase II / <b>S11026</b>	518,200	2,000,000	14,681,800	17,200,000
Montezuma Trunk Sewer / <b>S00332</b>	6,182,094	-	-	6,182,094
Morena Reservoir Outlet Tower Upgrade / <b>S00041</b>	809,232	4,870,768	-	5,680,000
Municipal Facilities Control Systems Upgrade / <b>L10001</b>	-	1,810,000	-	1,810,000
NCWRP Sludge Pump Station Upgrade / <b>S00309</b>	707,096	150,000	-	857,096
North City Reclamation System / <b>AHC00002</b>	12,337,997	-	-	12,337,997
Otay 1st/2nd PPL Abandon East of Highland Avenue / <b>S11027</b>	1,063,250	900,000	5,258,471	7,221,721
Otay 1st/2nd PPL Abandon West of Highland Avenue / <b>S12016</b>	150,000	338,051	25,840,413	26,328,464
Otay Second Pipeline Improvements / <b>S00032</b>	2,999,869	-	-	2,999,869
Otay Water Treatment Plant Upgrade & Expansion / <b>S00030</b>	28,789,552	-	-	28,789,552
PS2 Power Reliability & Surge Protection / <b>S00312</b>	2,878,281	351,719	27,970,000	31,200,000
Pacific Beach Pipeline South (W) / <b>S12015</b>	1,750,000	900,000	18,423,000	21,073,000
Pipeline Rehabilitation / <b>AJA00002</b>	68,700,618	25,306,271	91,971,027	185,977,916
Point Loma Grit Processing Improvements / <b>S00315</b>	28,451,864	6,162,221	-	34,614,085
Pressure Reduction Facility Upgrades / <b>AKA00002</b>	100,000	-	-	100,000
Pump Station 64,65, Penasquitos, E Mission Gorge / <b>ABP00003</b>	8,039,440	500,000	953,619	9,493,059
Pump Station 84 Upgrade & Pump Station 62 Abandon / <b>S00308</b>	12,710,452	-	-	12,710,452
Pump Station Restorations / <b>ABP00001</b>	4,400,691	1,250,000	17,858,496	23,509,187
Pump Station Upgrades Group I North County / <b>S00303</b>	16,116,827	-	-	16,116,827
Reclaimed Water Extension / <b>AHC00001</b>	843,168	-	-	843,168
Reclaimed Water Retrofit / <b>AHC00003</b>	851,033	-	-	851,033
Recycled Water System Upgrades / <b>S10010</b>	2,350,000	-	-	2,350,000
Recycled Water Systems Upgrades / <b>AHC00004</b>	337,422	-	-	337,422
Recycled Water Tank Modifications / <b>S12014</b>	791,984	-	108,016	900,000
SBWR Plant Demineralization / <b>S00310</b>	622,839	2,656,294	-	3,279,133
Scripps Ranch Pump Station / <b>S12019</b>	11,767,000	1,312,000	-	13,079,000
Seismic Upgrades / <b>AKB00004</b>	-	-	50,000	50,000
Sewer Main Replacements / <b>AJA00001</b>	134,750,976	23,000,000	211,000,000	368,750,976
South Bay Reclamation System / <b>S00018</b>	1,499,134	-	-	1,499,134

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### Public Utilities: Capital Improvement Projects (cont'd)

Project	Prior Fiscal Years	FY2014 Adopted	Future Fiscal Years	Project Total
South Metro Sewer Rehabilitation Phase 3B / <b>S00317</b>	157,506	-	9,057,451	9,214,957
South Mission Valley Trunk Sewer / <b>S00302</b>	15,801,938	-	-	15,801,938
Standpipe and Reservoir Rehabilitations / <b>ABL00001</b>	7,676,925	2,384,688	15,296,931	25,358,544
Tierrasanta (Via Dominique) Pump Station / <b>S12040</b>	6,514,736	2,000,000	2,713,264	11,228,000
Torrey Pines Road/La Jolla Blvd Main Replacement / <b>S00003</b>	3,000,359	-	-	3,000,359
USIU Trunk Sewer / <b>S00334</b>	9,249,178	-	-	9,249,178
University Ave Pipeline Replacement / <b>S11021</b>	4,390,197	1,000,000	9,909,803	15,300,000
Unscheduled Projects / <b>AJA00003</b>	9,685,739	-	3,335,704	13,021,443
Upas Street Pipeline Replacement / <b>S11022</b>	3,796,326	4,300,000	12,100,000	20,196,326
Water & Sewer Group Job 816 (W) / <b>S13015</b>	500,000	650,000	9,605,363	10,755,363
Water CIP Reserve / <b>S00048</b>	5,000,000	-	-	5,000,000
Water Department Security Upgrades / <b>S00050</b>	15,243,959	-	-	15,243,959
Water Group 787 / <b>S11108</b>	7,736,125	-	-	7,736,125
Water Group Job 915 (3012) / <b>S10123</b>	16,005,121	-	-	16,005,121
Water Main Replacements / <b>AKB00003</b>	159,732,478	12,000,000	255,000,000	426,732,478
Water Pump Station Restoration / <b>ABJ00001</b>	6,335,569	-	20,726,688	27,062,257
Water Treatment Plants / <b>ABI00001</b>	100,000	1,400,000	500,000	2,000,000
Wet Weather Storage Facility / <b>S00314</b>	2,991,626	-	4,280,501	7,272,127
<b>Public Utilities Total</b>	<b>\$1,080,384,832</b>	<b>\$ 118,814,166</b>	<b>\$1,058,837,746</b>	<b>\$2,258,036,744</b>



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### 30th Street Pipeline Replacement / S12010

**Council District:** 3, 8  
**Community Plan:** Greater North Park, Greater Golden Hill, Southeastern San Diego  
**Project Status:** Continuing  
**Duration:** 2012 - 2018  
**Improv Type:** Replacement

### Water - Distribution Sys - Transmission

**Priority Score:** 93  
**Priority Category:** High  
**Contact Information:** Rubalcava, Eric  
 858-654-4284  
 erubalcava@sandiego.gov

**Description:** This project will replace all cast iron sections of the 30th Street Pipeline south of Thorn Street in University Heights (390 Zone) with 16,397 linear feet of new 30-inch/16-inch distribution/transmission line, and reconnect all services to the new line. It will abandon all parallel cast iron distribution lines and reconnect all services to the new 16-inch line.

**Justification:** Because the pipeline has been paralleled by the newer 28th Street Pipeline south of Thorn Street and no longer serves as an important transmission route to University Heights (390 Zone), this project will replace the cast iron pipe, provide supply reliability to the south end of the 390 Zone, and improve water quality.

**Operating Budget Impact:** None

**Relationship to General and Community Plans:** This project is consistent with the Greater North Park and Greater Golden Hill Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design is scheduled to begin in Fiscal Year 2014 and will be completed in Fiscal Year 2015. Construction is scheduled to begin in Fiscal Year 2016 and completed in Fiscal Year 2018.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ -	\$ 371,187	\$ -	\$ -	\$ 429,353	\$ 5,386,288	\$ 3,134,757	\$ -	\$ -	\$ -	\$ 9,321,585
<b>Total</b>		<b>\$ -</b>	<b>\$ 371,187</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 429,353</b>	<b>\$ 5,386,288</b>	<b>\$ 3,134,757</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,321,585</b>

## Public Utilities

### 69th & Mohawk Pump Station / S12011

**Council District:** 9  
**Community Plan:** College Area  
**Project Status:** Continuing  
**Duration:** 2013 - 2018  
**Improv Type:** Expansion

### Bldg - Water - Pump Stations

**Priority Score:** 96  
**Priority Category:** High  
**Contact Information:** Azar, Hossein  
 858-533-4102  
 hazar@sandiego.gov

**Description:** This project will construct a new pump station at the corner of 69th Street and Mohawk Street. The new pump station will feed the 645 Redwood Village Zone. Suction to the pump station will come from the Mid-City Pipeline Phase II.

**Justification:** This project will replace the existing Montezuma Pump Station for Redwood Village which is reaching the end of its lifecycle.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with College Area and Mid City: Eastern Area Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began Fiscal Year 2013 and will be completed in Fiscal Year 2014. Construction is scheduled to begin in Fiscal Year 2015 and be completed in Fiscal Year 2016.

**Summary of Project Changes:** The total project cost increased by \$430,000 from Fiscal Year 2013 due to revised cost estimates.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 16,271	\$ 233,729	\$ 279,129	\$ -	\$ 4,946,954	\$ 6,710,054	\$ -	\$ -	\$ 430,000	\$ -	\$ 12,616,137
<b>Total</b>		<b>\$ 16,271</b>	<b>\$ 233,729</b>	<b>\$ 279,129</b>	<b>\$ -</b>	<b>\$ 4,946,954</b>	<b>\$ 6,710,054</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 430,000</b>	<b>\$ -</b>	<b>\$ 12,616,137</b>

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### Advanced Water Treatment Demo Plant (IPR/RA) / S10127

### Bldg - Water - Laboratories

<b>Council District:</b> 1	<b>Priority Score:</b> N/A
<b>Community Plan:</b> University	<b>Priority Category:</b> N/A
<b>Project Status:</b> Warranty	<b>Contact Information:</b> Dorman, Amy
<b>Duration:</b> 2010 - 2014	619-533-5248
<b>Improv Type:</b> New	adorman@sandiego.gov

**Description:** This project explores the feasibility of the project's treatment technology to produce water that can be sent to a reservoir and later be treated again and distributed as drinking water. During the time the Demonstration Plant is in operation, the advanced treated water will be frequently tested to determine the effectiveness of the treatment equipment in removing contaminants; operational data will be gathered and analyzed to refine operation and maintenance estimates for a full-scale system; and tours will be conducted as part of the public outreach effort. The Demonstration Project is the second phase of a three phase program that could lead to implementation of full-scale Indirect Potable Reuse/Reservoir Augmentation (IPR/RA).

**Justification:** A rate increase to fund the Demonstration Project was approved on November 18, 2008, and went into effect on January 1, 2009 and ended on September 1, 2010. This project was established by Ordinance-19887 Section IV-A, with an initial budget of \$7.2 million.

**Operating Budget Impact:** None

**Relationship to General and Community Plans:** This project is consistent with the University Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design, procurement, and installation was completed in Fiscal Year 2011. Data collection will continue through Fiscal Year 2014.

**Summary of Project Changes:** This project will be closed by the end of the fiscal year.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 2,202,218	\$ 231,286	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,433,504
Water Utility Operating Fund	700011	4,766,496	1	-	-	-	-	-	-	-	-	4,766,496
<b>Total</b>		<b>\$ 6,968,713</b>	<b>\$ 231,287</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>7,200,000</b>

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### Alvarado 2nd PL Exten & Morena Blvd CI / S12013

**Council District:** 2, 7  
**Community Plan:** Mission Valley, Linda Vista, Mission Bay Park  
**Project Status:** Continuing  
**Duration:** 2012 - 2021  
**Improv Type:** Replacement

### Water - Distribution Sys - Transmission

**Priority Score:** 92  
**Priority Category:** Medium  
**Contact Information:** Rubalcava, Eric  
 858-654-4284  
 erubalcava@sandiego.gov

**Description:** This project provides for replacement of the aging Kearny Mesa Pipeline transmission route with a new transmission route that uses the Alvarado 2nd Pipeline. It will replace 17,032 linear feet of existing 20-inch and 16-inch cast iron Morena Boulevard Pipeline with a new 36-inch Morena Boulevard Pipeline. This 36-inch line will run from the end of the 48-inch Alvarado 2nd Extension Pipeline and connect to the Kearny Mesa Pipeline at the north end, operating at a 536 Hydraulic Grade Line (HGL). It will also replace 15,598 linear feet of parallel 16-inch distribution line from Friars Road and Morena to Morena and Balboa Avenue. The new 16-inch line will operate at 390 HGL connecting to the existing 16-inch line on Friars Road and terminating at Morena and Bunker Hill Street. Additionally, it is proposed that 22,504 linear feet of new 48-inch Alvarado 2nd Extension Pipeline from the western terminus of the existing 48-inch Alvarado 2nd Pipeline (at Interstate 805 and Friars Road to Morena Boulevard and Napa Street) be built. The project will use existing surface streets in Mission Valley to avoid tunneling under the State Route 163 freeway and other bridge crossings.

**Justification:** This project will replace cast iron pipe; provide redundant transmission to the coastal zones of La Jolla and Pacific Beach for supply reliability; improve water quality; reduce energy waste at the Miramar County Water Authority Pump back facility; reduce peaking problems in the Miramar Water Treatment Plant service area; and provide supply flexibility (Alvarado vs. Miramar). This project is part of a larger plan to improve transmission reliability to the coastal Pacific Beach/La Jolla Zones by replacing the aging Kearny Mesa Pipeline as the lead supply, and adding a second transmission route to the coastal zones.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Mission Valley, Linda Vista, and Mission Bay Park Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design is scheduled to begin in Fiscal Year 2016 and will be completed in Fiscal Year 2017. Construction is scheduled to begin in Fiscal Year 2018 and be completed in Fiscal Year 2021.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$250,000 (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014		FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
				FY 2014	Anticipated							
Water Utility - CIP Funding Source	700010	\$ -	\$ -	\$ -	\$ -	\$ -	1,173,807	\$ 3,642,612	\$ 20,429,989	\$ 41,695,085	\$ -	\$ 66,941,493
<b>Total</b>		\$ -	\$ -	\$ -	\$ -	\$ -	1,173,807	\$ 3,642,612	\$ 20,429,989	\$ 41,695,085	\$ -	\$ 66,941,493

## Public Utilities

### Alvarado Water Treatment Plant Upgrade & Expansion / S00021

<b>Council District:</b> 7	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Navajo	<b>Priority Category:</b> N/A
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 1999 - 2018	619-533-5105
<b>Improv Type:</b> Expansion	iasgharzadeh@sandiego.gov

**Description:** This project increases the treatment capacity of the Alvarado Water Treatment Plant (WTP) from 150 million gallons of water per day (mgd) to 200 mgd and upgrades the existing treatment plant facilities to replace aged equipment to comply with new drinking water regulations. This project is split into multiple construction projects and will be phase funded. The major project components consist of the construction of two new sedimentation basins, the rehabilitation of existing 1950s-era sedimentation basins, the rehabilitation of the mechanical equipment and controls on the filters, ozone generation, and treatment facilities. Various site and landscaping improvements will also be made.

**Justification:** The Safe Drinking Water Act, Environmental Protection Agency regulations, and a Department of Public Health Compliance Order dictate the need to upgrade the treatment plant process and equipment. Anticipated future demands within the Alvarado Water Service Area also require the plant to be expanded to 200 mgd, allowing for better utilization of the raw water storage in the San Vicente and El Capitan Reservoirs.

**Operating Budget Impact:** The upgrade from chlorine to ozone, as the primary disinfectant, will have a significant impact on the electrical and chemical consumption of the plant. The increase in treated water capacity and the technical aspect of the equipment will also impact the cost for maintaining and operating the plant.

**Relationship to General and Community Plans:** This project is consistent with the Navajo Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 1999 and has continued through subsequent phases of work. Construction began on the initial phase of work in Fiscal Year 2004 and is scheduled to be completed in Fiscal Year 2013. Alvarado WTP - Flow Control Facility #12 has been postponed indefinitely until water demand increases.

**Summary of Project Changes:** Total project cost has decreased by \$26.0 million. \$16.0 million is attributed to the completion and closure of the Rehab Flocculation/Sedimentation Basins Phase 3 project and \$10.0 million in future years due to revised requirements. Additionally, in Fiscal Year 2013 Council approved the deappropriation of \$2.5 million (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 83,405,554	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 83,405,554
Water Utility - CIP Funding Source	700010	1,772,638	169,461	-	-	-	-	-	-	-	-	1,942,099
Water Utility Operating Fund	700011	29,684,383	-	-	-	-	-	-	-	-	-	29,684,383
<b>Total</b>		<b>\$ 114,862,575</b>	<b>\$ 169,461</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 115,032,036</b>

## Public Utilities

### Backup Generators at Sewer PS's, TP, & EMTS / S12036

**Council District:** 1, 2, 5, 8  
**Community Plan:** University, Miramar Ranch North, Barrio Logan, Torrey Pines  
**Project Status:** Continuing  
**Duration:** 2012 - 2014  
**Improv Type:** New

### Bldg - MWWD - Pump Stations

**Priority Score:** N/A  
**Priority Category:** N/A  
**Contact Information:** Alspaugh, Thomas  
 858-654-4493  
 talspaugh@sandiego.gov

**Description:** This project will purchase seven generators and provide a design-build contract to install the generators and associated equipment for permanent power connection to existing sewer Pump Stations 1, 64, 65, Penasquitos, North City Reclamation Plant, and Environmental Monitoring Technical Services laboratory. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** This project is necessary to prevent environmental damage from sewer spills and prevention of permit violation issues when regional electrical black-outs occur.

**Operating Budget Impact:** None

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Engine procurement began in late Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2014. Design-build contract began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** Total project cost has increased by \$6.8 million due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Metro Sewer Utility - CIP Funding Source	700009	\$ 6,008,601	\$ 2,227,621	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,236,222
Muni Sewer Utility - CIP Funding Source	700008	7,582,246	1,927,132	-	-	-	-	-	-	-	-	9,509,378
<b>Total</b>		<b>\$ 13,590,846</b>	<b>\$ 4,154,754</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,745,600</b>

## Public Utilities

### Balboa Terrace Trunk Sewer / S12035

**Council District:** 6  
**Community Plan:** Clairemont Mesa  
**Project Status:** Continuing  
**Duration:** 1999 - 2014  
**Improv Type:** Replacement

### Wastewater - Collection Sys - Trunk Swr

**Priority Score:** N/A  
**Priority Category:** N/A  
**Contact Information:** Gamboa, Wendy  
 619-235-1971  
 wgamboa@sandiego.gov

**Description:** Construction consists of the installation of 8-inch, 15-inch, and 21-inch sewer pipe via tunneling and open trench construction and all other work, and other appurtenances.

**Justification:** This project will upgrade the existing trunk sewer with a larger pipe to accommodate additional flow in the future.

**Operating Budget Impact:** None

**Relationship to General and Community Plans:** This project is consistent with the Clairemont Mesa Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2010 and was completed in Fiscal Year 2012. Construction began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the transfer of \$1.3 million in funds from other projects via R-307397 and later approved the deappropriation of \$900,000 (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Muni Sewer Utility - CIP Funding Source	700008	\$ 8,616,490	\$ 1,488,322	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,104,812
<b>Total</b>		<b>\$ 8,616,490</b>	<b>\$ 1,488,322</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,104,812</b>

## Public Utilities

### Barrett Flume Cover / S10013

### Bldg - Water - Reservoirs/Dams

<b>Council District:</b> Non-city	<b>Priority Score:</b> 83
<b>Community Plan:</b> Non City	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Rubalcava, Eric
<b>Duration:</b> 2010 - 2021	858-654-4284
<b>Improv Type:</b> Betterment	erubalcava@sandiego.gov

**Description:** This project will assess the 10 to 12 miles of open channel delivering water from the Barrett Reservoir to the Lower Otay Reservoir. Based on the assessment, the flume will be covered or replaced.

**Justification:** Each year golden eagles, deer, and other wildlife drown in the open channel sections of the Barrett Flume. There is also an excessive maintenance burden to keep soil and sediment out. Additionally, there is a slight algae build up due to sunlight. Covering the open flume sections is necessary to prevent fines and sanctions from the resource agencies, to maintain water quality, and to reduce maintenance and down time.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is outside of the City limits and there is no community planning area. This project is in conformance with the City's General Plan.

**Schedule:** Planning began in Fiscal Year 2013. Design is scheduled to begin in Fiscal Year 2015. Construction is estimated to begin in Fiscal Year 2017 and end in Fiscal Year 2021.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Water Utility - CIP Funding Source	700010	\$ 395,024	\$ 3,860	\$ -	\$ -	\$ 84,801	\$ 5,507,539	\$ -	\$ -	\$ -	\$ -	\$ 5,991,224
Water Utility Operating Fund	700011	1,116	-	-	-	-	-	-	-	-	-	1,116
<b>Total</b>		<b>\$ 396,140</b>	<b>\$ 3,860</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 84,801</b>	<b>\$ 5,507,539</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,992,340</b>



## Public Utilities

### CIP Bond Issuance Reserve / S00342

**Council District:** Citywide  
**Community Plan:** Citywide  
**Project Status:** Continuing  
**Duration:** 1993 - 2020  
**Improv Type:** Replacement

### Bldg - MWWD - Treatment Plants

**Priority Score:** N/A  
**Priority Category:** N/A  
**Contact Information:** Hwang, Guann  
 858-292-6476  
 ghwang@sandiego.gov

**Description:** This project acts as an emergency financial reserve for Wastewater Fund capital improvement projects.

**Justification:** This reserve is required to comply with the stipulation from Bond Counsel.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project acts as a reserve to fund projects on an as-needed basis. Projects utilizing this funding source are consistent with applicable community plans and are in conformance with the City's General Plan.

**Schedule:** The reserve will be used on an as-needed basis, in conformance with Bond Counsel requirements and will be held as a continuing appropriation.

**Summary of Project Changes:** No significant change has been made to this reserve for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Metro Sewer Utility - CIP Funding Source	700009	\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000
<b>Total</b>		\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000

## Public Utilities

### Catalina 12inch Cast Iron Mains / S12008

### Water - Distribution Sys - Transmission

<b>Council District:</b> 2	<b>Priority Score:</b> 98
<b>Community Plan:</b> Peninsula	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Rubalcava, Eric
<b>Duration:</b> 2014 - 2019	858-654-4284
<b>Improv Type:</b> Replacement	erubalcava@sandiego.gov

**Description:** This project provides for replacement of 13,963 linear feet of 12-inch and 16-inch cast iron mains with a new 16-inch PVC pipe on Catalina Boulevard. The 16-inch pipe will consolidate the 12-inch cast iron line with the parallel 4-inch and 6-inch small distribution mains north of Garden Lane, and consolidate the dual 12-inch cast iron pipes south of Garden lane. The new pipeline will run parallel to the existing 12-inch pipeline alignment.

**Justification:** This project will replace cast iron pipe, provide supply reliability to the Catalina Pump Station service area, and improve water quality.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Peninsula Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2013 and will be completed in Fiscal Year 2014. Construction is scheduled to begin in Fiscal Year 2015 and be completed in Fiscal Year 2016.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014		FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
					Anticipated								
Water Utility - CIP Funding Source	700010	\$ -	\$ 400,000	\$ 600,000	\$ -	\$ 5,477,464	\$ 1,939,862	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,417,326
<b>Total</b>		\$ -	\$ 400,000	\$ 600,000	\$ -	\$ 5,477,464	\$ 1,939,862	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,417,326

## Public Utilities

### Chollas Building / S11025

### Bldg - Operations Facility / Structures

<b>Council District:</b> 9	<b>Priority Score:</b> 65
<b>Community Plan:</b> Eastern Area (Mid-City)	<b>Priority Category:</b> Low
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2011 - 2017	619-533-4102
<b>Improv Type:</b> Replacement	hazar@sandiego.gov

**Description:** This project will construct two new buildings: one two-story building for administration staff and a one-story maintenance shop.

**Justification:** This project will allow for Water Operations Division to consolidate their staff in one central facility. The existing facility is not adequate for current needs.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Mid City: Eastern Area Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design/Build is scheduled to begin in Fiscal Year 2014 and to be completed in Fiscal Year 2017.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 322,418	\$ 7,327,107	\$ -	\$ -	\$ -	\$ 9,000,000	\$ 800,000	\$ -	\$ -	\$ -	\$ 17,449,525
Water Utility Operating Fund	700011	250,475	-	-	-	-	-	-	-	-	-	250,475
<b>Total</b>		<b>\$ 572,893</b>	<b>\$ 7,327,107</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,000,000</b>	<b>\$ 800,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,700,000</b>

## Public Utilities

### Cielo & Woodman Pump Station / S12012

**Council District:** 4  
**Community Plan:** Southeastern (Encanto Neighborhoods)  
**Project Status:** Continuing  
**Duration:** 2012 - 2019  
**Improv Type:** Expansion

### Bldg - Water - Pump Stations

**Priority Score:** 90  
**Priority Category:** High  
**Contact Information:** Rubalcava, Eric  
 858-654-4284  
 erubalcava@sandiego.gov

**Description:** This project provides for the replacement of the Cielo and Woodman Pump Station (PS) with a new PS with 12 million gallons per day (mgd) capacity to improve efficiency and reliability, and allow for substitution of Alvarado City water (536 Zone) which is now provided via the County Water Authority (CWA) #19 Paradise Mesa Crosstie. It will replace two 12-inch and 16-inch cast iron distribution mains. The first main is on Imperial and Woodman Street and the second main is on Skyline Drive to Cielo Drive. It will install a dedicated Alvarado 536 line from the intersection of Imperial Avenue and Woodman Street to the new upgraded Cielo and Woodman PS.

**Justification:** This project will replace a deteriorating pump station facility and cast iron mains that lead to the station. According to year 2030 demands, the Otay Water Treatment Plant (WTP) will not be able to supply enough suction head to the pump station. Thus, the pump station would need to be supplied from the Alvarado Water Treatment Plant (WTP).

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Southeastern (Encanto Neighborhoods) Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design is scheduled to begin in Fiscal Year 2015 and will be completed in Fiscal Year 2016. Construction is scheduled to begin in Fiscal Year 2017 and be completed in Fiscal Year 2019.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$441,303 million (R-308249). This amount has been added to Fiscal Year 2016.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 1,033,188	\$ 4,328,691	\$ 9,017,667	\$ -	\$ -	\$ 14,479,546
<b>Total</b>		<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,033,188</b>	<b>\$ 4,328,691</b>	<b>\$ 9,017,667</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 14,479,546</b>

## Public Utilities

### Colony Hill Water Main Relocation / S11102

<b>Council District:</b> 1	<b>Priority Score:</b> 88
<b>Community Plan:</b> La Jolla	<b>Priority Category:</b> Medium
<b>Project Status:</b> Warranty	<b>Contact Information:</b> Amen, Rania
<b>Duration:</b> 2011 - 2014	619-533-5492
<b>Improv Type:</b> Replacement	ramen@sandiego.gov

**Description:** This project consists of the installation of approximately 1,199 linear feet of 16-inch water mains, 155.03 linear feet of 8-inch water mains, and relocation of several water services and fire hydrants within the following streets: Via Capri, Via Avola, Caminito Rialto, Caminito Avola, and within the existing water easement adjacent to the Colony Hill HOA Clubhouse.

**Justification:** This project is a result of a settlement agreement between the City of San Diego and the Colony Hill Home Owners Association (HOA) in July 2010. The City of San Diego is responsible to complete the construction within two years from the date of the settlement.

### Water - Distribution Sys - Transmission

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the La Jolla Community Plan and is in conformance with the City's General Plan.

**Schedule:** Planning started in Fiscal Year 2011 and was completed in Fiscal Year 2012. Design and construction began in Fiscal Year 2012 and was completed in Fiscal Year 2013.

**Summary of Project Changes:** This project will be closed by the end of the year.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018			
Water Utility - CIP Funding Source	700010	\$ 1,339,016	\$ 165,234	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,504,250
<b>Total</b>		<b>\$ 1,339,016</b>	<b>\$ 165,234</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,504,250</b>

## Public Utilities

### Corrosion Control / AKA00001

**Council District:** Citywide  
**Community Plan:** Citywide  
**Project Status:** Continuing  
**Duration:** 2010 - 2020  
**Improv Type:** Replacement

### Water - Distribution Sys - Transmission

**Priority Score:** Annual  
**Priority Category:** Annual  
**Contact Information:** Hwang, Guann  
 858-292-6476  
 ghwang@sandiego.gov

**Description:** This annual allocation provides for renovating or replacing deteriorating corrosion control and monitoring systems throughout the City.

**Justification:** Deteriorating corrosion control and monitoring systems are in need of rehabilitation. This annual allocation provides for an ongoing program to rehabilitate over 600 existing corrosion protection stations.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 increased by \$200,000 over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 1,057	\$ 298,943	\$ 200,000	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 1,000,000
<b>Total</b>		<b>\$ 1,057</b>	<b>\$ 298,943</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>

## Public Utilities

### Dams and Reservoirs / ABK00001

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2021	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation provides for rehabilitating and reconstructing improvement projects at reservoirs and dams. Projects include resurfacing access roads, reconstructing berms, installing lighting around dams, and sandblasting and shotcreting all exposed surfaces of the dams.

**Justification:** The rehabilitation and reconstruction of access roads and the upgrading of berms, lighting, and all exposed surfaces of the dams are necessary to maintain access to and safety in the dam area. The State required improvements will also serve to satisfy a portion of the Division of Safety of Dams.

**Operating Budget Impact:** None.

### Bldg - Water - Reservoirs/Dams

**Relationship to General and Community Plans:** This project is in compliance consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis. Modifications to Lake Hodges Dam scheduled in Fiscal Year 2010 were deferred to Fiscal Year 2013.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$774,304 over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 410,001	\$ 934,539	\$ -	\$ -	\$ 1,554,575	\$ -	\$ -	\$ -	\$ 345,766	\$ -	\$ 3,244,881
Water Utility Operating Fund	700011	61,230	-	-	-	-	-	-	-	-	-	61,230
<b>Total</b>		<b>\$ 471,231</b>	<b>\$ 934,539</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,554,575</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 345,766</b>	<b>\$ -</b>	<b>\$ 3,306,111</b>

## Public Utilities

### Del Mar Heights East Segment / S12017

<b>Council District:</b> 1	<b>Priority Score:</b> 83
<b>Community Plan:</b> Del Mar Mesa	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Rubalcava, Eric
<b>Duration:</b> 2012 - 2018	858-654-4284
<b>Improv Type:</b> Expansion	erubalcava@sandiego.gov

**Description:** This project provides for the installation of 2,800 feet of 36-inch pipe segments and 3,668 feet of parallel pipeline between Mona Lane and Lopiella Meadows Place for redundancy.

**Justification:** This pipeline was built in 1961 and has experienced leaks. It is in poor condition and has no corrosion protection. The original pipe was a 30-inch Steel Cylinder Rod Wrapped (SCRW) pipeline. This size is too small to meet projected demand increases in the area.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Del Mar Mesa Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design is scheduled to begin in Fiscal Year 2014 and will be completed in Fiscal Year 2016. Construction is scheduled to begin in Fiscal Year 2017 and be completed in Fiscal Year 2018.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ -	\$ 100,000	\$ -	\$ -	\$ 730,282	\$ 3,230,946	\$ 1,202,116	\$ -	\$ -	\$ -	\$ 5,263,344
<b>Total</b>		<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 730,282</b>	<b>\$ 3,230,946</b>	<b>\$ 1,202,116</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,263,344</b>



## Public Utilities

### Del Mar Heights Pipeline Relocation / S00070

<b>Council District:</b> 1	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Del Mar Mesa	<b>Priority Category:</b> N/A
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Wilson, Leonard
<b>Duration:</b> 2005 - 2016	858-654-4112
<b>Improv Type:</b> Expansion	llwilson@sandiego.gov

**Description:** This project will provide for the relocation and upsizing of an existing 36-inch pipeline in the ultimate right-of-way for Carmel Valley Road. The existing Del Mar Heights Pipeline will no longer follow the alignment of Carmel Valley Road, once Carmel Valley Road is improved to four lanes.

**Justification:** Future maintenance of this facility is enhanced when it is in an accessible and convenient location such as a public street right-of-way. This project will relocate the pipeline so that it can be easily maintained, repaired, and serviced in the future.

**Operating Budget Impact:** None.

### Water - Distribution Sys - Distribution

**Relationship to General and Community Plans:** This project is consistent with the Del Mar Mesa Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design was completed in Fiscal Year 2012. Phase 1 construction began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2016. Phase 2 is contingent upon Public Facilities Financing Program approval and is planned for future years.

**Summary of Project Changes:** The total project cost increased by the Pacific Highlands Ranch Community Facilities Benefit Assessment (FBA) funds of \$3.6 million and funding to be programmed in future fiscal years per the Public Facilities Financing Plans (PFFP).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Pacific Highlands Ranch FBA	400090	\$ 4,282,795	\$ 67,205	\$ -	\$ -	\$ -	\$ -	\$ -	900,000	\$ 2,700,000	\$ -	\$ 7,950,000
<b>Total</b>		<b>\$ 4,282,795</b>	<b>\$ 67,205</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>900,000</b>	<b>\$ 2,700,000</b>	<b>\$ -</b>	<b>\$ 7,950,000</b>

## Public Utilities

### EAM ERP Implementation / S14000

<b>Council District:</b> Citywide	<b>Priority Score:</b> 85
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> High
<b>Project Status:</b> New	<b>Contact Information:</b> Arnold, Jane
<b>Duration:</b> 2014 - 2014	858-614-4569
<b>Improv Type:</b> Replacement	jarnold@sandiego.gov

### Bldg - Other City Facility / Structures

**Description:** This project provides for the establishment of an integrated, real-time SAP ERP Enterprise Asset Management (EAM) software solution that builds upon the existing Citywide SAP ERP platform. The major legacy maintenance and asset management systems to be replaced within scope of this project are SWIM, EMPAC, and PSTools. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** A comprehensive maintenance management system is required to appropriately manage the complex asset infrastructure needed to provide water and wastewater services to the San Diego region and to provide sophisticated asset capital planning activities to ensure future needs are met. The SAP ERP EAM implementation is a strategic project for investment in, and support of, the Citywide SAP ERP System for the City of San Diego which will provide the cornerstone EAM solution, Citywide.

**Operating Budget Impact:** None

**Relationship to General and Community Plans:** This project is consistent with the applicable community plans and is in conformance with the City's General Plan

**Schedule:** The project schedule will follow the ASAP methodology for the project's lifecycle. It will use the standardized work breakdown structure (WBS) that provides the foundation for defining implementation project work in a deliverable-oriented, hierarchical manner in order to manage the project work to completion. The project duration is estimated at three years.

**Summary of Project Changes:** This is a newly published project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Metro Sewer Utility - CIP Funding Source	700009	\$ -	\$ -	\$ 1,238,160	\$ -	\$ 1,203,400	\$ 391,600	\$ -	\$ -	\$ -	\$ -	\$ 2,833,160
Muni Sewer Utility - CIP Funding Source	700008	-	-	2,138,640	-	2,078,600	676,400	-	-	-	-	4,893,640
Water Utility - CIP Funding Source	700010	-	-	2,251,200	-	2,188,000	712,000	-	-	-	-	5,151,200
<b>Total</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,628,000</b>	<b>\$ -</b>	<b>\$ 5,470,000</b>	<b>\$ 1,780,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 12,878,000</b>

## Public Utilities

### EMT&S Boat Dock and Steam Line Relocation / S00319

**Council District:** 2  
**Community Plan:** Peninsula  
**Project Status:** Continuing  
**Duration:** 2012 - 2016  
**Improv Type:** Expansion

### Bldg - MWWD - Laboratories

**Priority Score:** 81  
**Priority Category:** Medium  
**Contact Information:** Eling, Michael  
 858-292-6477  
 melling@sandiego.gov

**Description:** The Environmental Monitoring and Technical Services (EMTS) Laboratory Boat Dock and Steam Line Project provides for the design and construction of a boat dock located in the channel adjacent to the EMTS laboratory, as well as the installation of an esplanade and undergrounding of approximately 600 feet of an above-ground steam line situated along the frontage of the boat channel. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** As part of a Public Benefit Conveyance (PBC) from the federal government, MWWD designed and constructed a 40,000 square foot ocean monitoring laboratory which is now in operation. The design of this project included a boat dock to service the laboratory. Permits obtained as part of the construction required Metro to fund a portion of a future park esplanade located adjacent to the laboratory frontage. To gain future unobstructed access to the boat dock, and to provide unobstructed access to the future esplanade, the existing steam line must be undergrounded. Public Utilities currently leases boat dock space at Driscoll's Wharf and this project would eliminate this ongoing expense.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Peninsula Community Plan and is in conformance with the City's General Plan.

**Schedule:** The dock was partially designed in Fiscal Year 2001, but was postponed due to ongoing issues related to the contamination and conveyance of the boat channel. The design is scheduled to begin and be completed in Fiscal Year 2014, with construction scheduled to begin in Fiscal Year 2015 and be completed in Fiscal Year 2016.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Metro Sewer Utility - CIP Funding Source	700009	\$ -	\$ 1,732,137	\$ -	\$ -	\$ 286,398	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,018,535
<b>Total</b>		<b>\$ -</b>	<b>\$ 1,732,137</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 286,398</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,018,535</b>

## Public Utilities

### East Mission Gorge Force Main Rehabilitation / S00326

### Wastewater - Collection Sys - Trunk Swr

<b>Council District:</b> 7	<b>Priority Score:</b> 90
<b>Community Plan:</b> Navajo	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Phung, Tung
<b>Duration:</b> 2004 - 2019	858-292-6425
<b>Improv Type:</b> Replacement	tphung@sandiego.gov

**Description:** This project provides for the rehabilitation of the East Mission Gorge force main due to deterioration of the pipeline concrete lining from sulfuric acid build-up.

**Justification:** This project provides for the rehabilitation of the force main in order to prevent breakage of the force main and prevent potential sewage spills.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Navajo Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design is scheduled to begin in Fiscal Year 2015. This project is on hold pending the negotiation of a cost-sharing agreement with the Participating Agencies.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$600,000 (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 441,835	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	441,835
Muni Sewer Utility - CIP Funding Source	700008	-	212,805	-	-	-	518,062	2,856,302	2,162,831	-	-	5,750,000
<b>Total</b>		<b>\$ 441,835</b>	<b>\$ 212,805</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 518,062</b>	<b>\$ 2,856,302</b>	<b>\$ 2,162,831</b>	<b>\$ -</b>	<b>\$ -</b>	<b>6,191,835</b>

## Public Utilities

### East Point Loma Trunk Sewer / S00329

### Wastewater - Collection Sys - Trunk Swr

<b>Council District:</b> 2	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Peninsula, Midway - Pacific Highway	<b>Priority Category:</b> N/A
<b>Project Status:</b> Warranty	<b>Contact Information:</b> Spier, Carl
<b>Duration:</b> 2001 - 2014	619-533-5126
<b>Improv Type:</b> Expansion	cspier@sandiego.gov

**Description:** Construction consists of the rehabilitation of approximately 4,932 feet of 27-inch & 3,229 feet of 30-inch trunk sewer mains, the rehabilitation of sewer manholes, and sewer laterals connections, and all other work and appurtenances necessary to complete the work. The affected streets are Nimitz Boulevard, Barnett Avenue, and Cushing Road between Nimitz Boulevard and Barnett Avenue.

**Justification:** The existing system is almost 60 years old and needs to be rehabilitated.

**Operating Budget Impact:** None

**Relationship to General and Community Plans:** This project is consistent with the Peninsula and Midway-Pacific Highway Corridor Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2004 and was completed in Fiscal Year 2011. Construction began in Fiscal Year 2011 and is anticipated to be completed in Fiscal Year 2014.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$2.5 million (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 542,817	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 542,817
Muni Sewer Utility - CIP Funding Source	700008	1,909,171	623,144	-	-	-	-	-	-	-	-	2,532,315
Municipal Sewer Revenue Fund	700000	354,868	-	-	-	-	-	-	-	-	-	354,868
<b>Total</b>		<b>\$ 2,806,856</b>	<b>\$ 623,144</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,430,000</b>

## Public Utilities

### El Capitan Pipeline #2 Valves / S10005

<b>Council District:</b> Non-city	<b>Priority Score:</b> 67
<b>Community Plan:</b> Non City	<b>Priority Category:</b> Low
<b>Project Status:</b> Warranty	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 2010 - 2013	619-533-5105
<b>Improv Type:</b> Replacement	iasgharzadeh@sandiego.gov

**Description:** This project previously provided for a pipeline parallel to the existing 48-inch El Capitan Pipeline with 41,490 linear feet of new 54-inch pipeline. Now the project will replace the existing 48-inch butterfly valve at station 16+00 with a 48-inch plug valve and a 48-inch energy dissipater valve. It will also replace the existing 30-inch plug valve at station 17+00 with a 30-inch plug valve and a 30-inch energy dissipater valve to assist with a thorough condition assessment of the pipeline.

**Justification:** The existing valves are leaking and need to be replaced. The valves are part of the emergency drawdown system required by Division Safety of Dams - State Department (DSOD) for El Capitan Reservoir.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is outside of the City limits and there is no community planning area. This project is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2012 and was completed in Fiscal Year 2013. Construction began and was completed in Fiscal Year 2013.

**Summary of Project Changes:** This project is complete and will be closed by the end of the year.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Water Utility - CIP Funding Source	700010	\$ 974,774	\$ 252,716	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,227,491
Water Utility Operating Fund	700011	87,127	-	-	-	-	-	-	-	-	-	87,126
<b>Total</b>		<b>\$ 1,061,901</b>	<b>\$ 252,716</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,314,617</b>

## Public Utilities

### El Capitan Reservoir Road Improvements / S00040

<b>Council District:</b> Non-city	<b>Priority Score:</b> 14
<b>Community Plan:</b> Non City	<b>Priority Category:</b> Low
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Rubalcava, Eric
<b>Duration:</b> 1999 - 2018	858-654-4284
<b>Improv Type:</b> Replacement - Rehab	erubalcava@sandiego.gov

**Description:** This project provides for repairing and widening the access road to El Capitan Reservoir.

**Justification:** The existing access road is narrow and has become a safety concern due to rain induced sloughing. Widening the road will improve accessibility to the reservoir, accommodate recreation activities, and assist maintenance efforts for the reservoir.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is outside of the City limits and there is no community planning area. This project is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2000 and was completed in Fiscal Year 2001. Construction has been re-scheduled to begin in Fiscal Year 2016 and to be completed in Fiscal Year 2018.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$89,564 (R-308249). This amount has been added to Fiscal Year 2016.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 426,601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	426,601
Water Utility - CIP Funding Source	700010	-	-	-	-	-	189,564	1,840,809	176,722	-	-	2,207,095
<b>Total</b>		<b>\$ 426,601</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 189,564</b>	<b>\$ 1,840,809</b>	<b>\$ 176,722</b>	<b>\$ -</b>	<b>\$ -</b>	<b>2,633,696</b>

## Public Utilities

### El Monte Pipeline #2 / S10008

### Water - Distribution Sys - Distribution

<b>Council District:</b> 7	<b>Priority Score:</b> 96
<b>Community Plan:</b> Navajo	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Wong, Pete
<b>Duration:</b> 2010 - 2015	858-292-6475
<b>Improv Type:</b> Replacement - Rehab	pwong@sandiego.gov

**Description:** This project will perform a condition assessment on the existing 63,900 foot long 48-inch to 72-inch diameter pipeline between the Lakeside Pump Station and the Alvarado Water Treatment Plant.

**Schedule:** Condition assessment began in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2015.

**Justification:** This project is necessary to ensure that future water demands are met in the Alvarado service area.

**Summary of Project Changes:** Total project cost decreased by \$103.7 million for the planning, design, and construction component of the pipeline. This project is now for condition assessment of the pipeline only. A future project will be created to cover any design or construction of this pipeline, if deemed necessary by the condition assessment.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Navajo Community Plan and is in conformance with the City's General Plan.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 79,291	\$ 3,667,730	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,747,021
Water Utility Operating Fund	700011	979	-	-	-	-	-	-	-	-	-	979
<b>Total</b>		<b>\$ 80,270</b>	<b>\$ 3,667,730</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,748,000</b>



## Public Utilities

### Freeway Relocation / AKB00002

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2021	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation provides funding to relocate water lines in conflict with the State Department of Transportation highway construction zones.

**Justification:** Waterline relocation is required by the State Department of Transportation's effort to expand the State Highway System. Relocation projects are accomplished in conjunction with highway projects scheduled by the State Department of Transportation.

**Operating Budget Impact:** None.

### Water - Distribution Sys - Distribution

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects are scheduled on a priority basis per Caltrans requests.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$100,000 over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 1,561,054	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,561,054
Water Utility - CIP Funding Source	700010	190,251	750,440	-	-	434,500	-	-	-	-	-	1,375,191
Water Utility Operating Fund	700011	281,224	-	-	-	-	-	-	-	-	-	281,224
<b>Total</b>		<b>\$ 2,032,530</b>	<b>\$ 750,440</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 434,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,217,470</b>

## Public Utilities

### Groundwater Asset Development Program / ABM00001

### Bldg - Water - Wells

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Adrian, George
<b>Duration:</b> 2010 - 2021	619-533-4680
<b>Improv Type:</b> Replacement	gadrian@sandiego.gov

**Description:** This annual allocation provides for investigation work related to legal, technical, regulatory, and water quality issues; and for the planning, design, and construction of groundwater facilities to increase the local water supply.

**Justification:** The City imports 90 percent of its water from the Colorado River and the State Water Project. The City has access to nine under-utilized groundwater assets that could be developed to supply new yield, seasonal storage, or carryover storage.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is in compliance with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Research, exploration, and demonstration began in Fiscal Year 2001 and will continue through Fiscal Year 2014. Design and construction of sub-projects identified in the research/exploration/demonstration phase began in Fiscal Year 2012 and continues through Fiscal Year 2021 and beyond.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$500,000 over last fiscal year due to revised requirements. \$500,000 was also removed from outlying years. Additionally, in Fiscal Year 2013 Council approved the deappropriation of \$500,000 (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Grant Fund-Enterprise-Other	710002	\$ 493,604	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	493,604
Historical Fund	X999	85,446	-	-	-	-	-	-	-	-	-	85,446
Water Utility - CIP Funding Source	700010	2,518,508	903,722	-	-	-	-	-	-	-	-	3,422,230
Water Utility Operating Fund	700011	670,186	1,899	-	-	-	-	-	-	-	-	672,084
<b>Total</b>		<b>\$ 3,767,744</b>	<b>\$ 905,621</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>4,673,365</b>

## Public Utilities

### Harbor Drive Pipelines Replacement / S12028

**Council District:** 2, 3  
**Community Plan:** Old San Diego, Ocean Beach, Peninsula  
**Project Status:** Continuing  
**Duration:** 2008 - 2015  
**Improv Type:** Replacement

### Water - Distribution Sys - Transmission

**Priority Score:** 97  
**Priority Category:** High  
**Contact Information:** Azar, Hossein  
 619-533-4102  
 hazar@sandiego.gov

**Description:** This project replaces 4.4 miles of 16-inch cast iron water pipeline from the Harbor Drive Bridge to the Point Loma Reservoir.

**Justification:** These improvements are necessary to prevent water pipe breaks and to ensure a continuous water supply to the Ocean Beach, Old San Diego, and Peninsula community planning areas.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Ocean Beach, Old San Diego, and Peninsula Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2010 and was completed in Fiscal Year 2012. Construction began in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$2.0 million (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 53,341	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 53,341
Water Utility - CIP Funding Source	700010	8,900,849	617,209	-	-	-	-	-	-	-	-	9,518,057
<b>Total</b>		<b>\$ 8,954,189</b>	<b>\$ 617,209</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,571,398</b>

## Public Utilities

### Harbor Drive Trunk Sewer Replacement / S00336

### Wastewater - Collection Sys - Trunk Swr

<b>Council District:</b> 8	<b>Priority Score:</b> 90
<b>Community Plan:</b> Barrio Logan	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Spier, Carl
<b>Duration:</b> 2000 - 2014	619-533-5126
<b>Improv Type:</b> Expansion	cspier@sandiego.gov

**Description:** This project provides for upgrading and replacing existing portions of 39-inch Harbor Drive Trunk Sewer with 48-inch pipelines.

**Justification:** The existing trunk sewer has a portion constructed of techite pipeline, which has been prone to structural failure.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Barrio Logan Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2002 and was completed in Fiscal Year 2011. Construction began in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Historical Fund	X999	\$ 642,459	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 642,459
Muni Sewer Utility - CIP Funding Source	700008	10,499,649	917,999	-	-	-	-	-	-	-	-	11,417,648
Municipal Sewer Revenue Fund	700000	338,640	-	-	-	-	-	-	-	-	-	338,640
<b>Total</b>		<b>\$ 11,480,749</b>	<b>\$ 917,999</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 12,398,748</b>

## Public Utilities

### La Jolla Scenic Drive 16inch Main / S12009

<b>Council District:</b> 1	<b>Priority Score:</b> 82
<b>Community Plan:</b> La Jolla	<b>Priority Category:</b> Low
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Rubalcava, Eric
<b>Duration:</b> 2012 - 2017	858-654-4284
<b>Improv Type:</b> Replacement	erubalcava@sandiego.gov

**Description:** This project provides for replacement of 6-inch, 8-inch, and 12-inch pipelines with 15,635 linear feet of 16-inch pipe from the Soledad Reservoir that travels south along La Jolla Scenic Drive South; continues onto La Jolla Rancho Road, La Jolla Mesa Drive, Muirlands Drive, and El Camino Del Teatro; rejoins Muirlands Drive and Nautilus Street; and terminates at Fairway Road and the Muirlands Pump Station (PS). It will connect the Muirlands PS to the south Soledad Muirlands (725 Zone) to provide backup supply to the 725 Zone, and to solve fire flow deficiency and maintain peak pressures.

**Justification:** The current distribution grid has insufficient capacity to meet fire flow requirements, and is a bottleneck that leads to two isolated portions of the 725 Zone. If either of the pump/reservoir tandems that feed the zone go out of service, feed from the other tandem could not effectively be moved across the zone.

### Water - Distribution Sys - Transmission

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the La Jolla Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design is scheduled to begin in Fiscal Year 2014 and be completed in Fiscal Year 2015. Construction is scheduled to begin in Fiscal Year 2015 and be completed in Fiscal Year 2017.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$240,258 (R-308249). This amount has been added to Fiscal Year 2016.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ -	\$ -	724,089	\$ -	3,135,507	4,375,765	696,780	\$ -	\$ -	\$ -	8,932,141
<b>Total</b>		<b>\$ -</b>	<b>\$ -</b>	<b>724,089</b>	<b>\$ -</b>	<b>3,135,507</b>	<b>4,375,765</b>	<b>696,780</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>8,932,141</b>

## Public Utilities

### Lake Murray Trunk Sewer / S00335

### Wastewater - Collection Sys - Trunk Swr

<b>Council District:</b> 7	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Navajo	<b>Priority Category:</b> N/A
<b>Project Status:</b> Warranty	<b>Contact Information:</b> Spier, Carl
<b>Duration:</b> 2003 - 2014	619-533-5126
<b>Improv Type:</b> Expansion	cspier@sandiego.gov

**Description:** This project provides for the replacement of 15,900 linear feet (3.01) miles of existing 12-inch, 15-inch, and 18-inch diameter and installation of maintenance access pathways.

**Schedule:** Design began in Fiscal Year 2003 and was completed in Fiscal Year 2010. Construction began in Fiscal Year 2010 and was completed in Fiscal Year 2013.

**Justification:** This project provides for the upsizing of the trunk sewer to meet build-out capacity.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$2.5 million (R-308429). This project is complete and will be closed by the end of the year.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Navajo Community Plan and is in conformance with the City's General Plan.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 1,322,688	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,322,688
Muni Sewer Utility - CIP Funding Source	700008	1,065,520	266,876	-	-	-	-	-	-	-	-	1,332,395
Municipal Sewer Revenue Fund	700000	8,355,714	-	-	-	-	-	-	-	-	-	8,355,714
<b>Total</b>		<b>\$ 10,743,922</b>	<b>\$ 266,876</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>11,010,798</b>

## Public Utilities

### Large Diameter Water Transmission PPL / AKA00003

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> New	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2020	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation allows for the replacement of 16-inch and larger diameter water pipelines at various locations throughout the City.

**Justification:** This annual allocation provides for the replacement of large diameter pipelines that are in a deteriorated condition or have reached the end of their service life.

**Operating Budget Impact:** None.

### Water - Distribution Sys - Transmission

**Relationship to General and Community Plans:** This project is consistent with the applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** This is a new annual allocation for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014					Future FY	Unidentified Funding	Project Total	
				FY 2014	Anticipated	FY 2015	FY 2016	FY 2017				FY 2018
Water Utility - CIP Funding Source	700010	\$ -	\$ -	\$ 780,113	\$ -	\$ 9,722,026	\$ 3,146,978	\$ 3,007,857	\$ 514,406	\$ -	\$ -	\$ 17,171,380
<b>Total</b>		\$ -	\$ -	\$ 780,113	\$ -	\$ 9,722,026	\$ 3,146,978	\$ 3,007,857	\$ 514,406	\$ -	\$ -	\$ 17,171,380

## Public Utilities

### Lindbergh Field 16" Cast Iron Main Replacement / S10055

**Council District:** 2, 3  
**Community Plan:** Midway - Pacific Highway  
**Project Status:** Continuing  
**Duration:** 2010 - 2015  
**Improv Type:** Replacement

### Water - Distribution Sys - Transmission

**Priority Score:** 97  
**Priority Category:** High  
**Contact Information:** Azar, Hossein  
 619-533-4102  
 hazar@sandiego.gov

**Description:** This project replaces 1.34 miles of pipeline and relocates the 16-inch cast iron transmission main from adjacent to the departure taxiway at Lindbergh Field to the public street which is more accessible for operation and maintenance.

**Justification:** In case of a pipe failure requiring Water Operations to perform emergency repair, the pipeline must be relocated to a location outside the secured Airport property that is more accessible for operation and maintenance. The 12-inch and 16-inch cast iron pipe was installed in the 1940s.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Midway-Pacific Highway Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2010. Construction began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$2.5 million (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 2,844,912	\$ 266,565	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,111,476
Water Utility Operating Fund	700011	366,303	-	-	-	-	-	-	-	-	-	366,303
<b>Total</b>		<b>\$ 3,211,214</b>	<b>\$ 266,565</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,477,779</b>



## Public Utilities

### Little McGonigle Ranch Road Pipeline / S00069

**Council District:** 1  
**Community Plan:** Del Mar Mesa, Pacific Highlands Ranch  
**Project Status:** Continuing  
**Duration:** 2004 - 2015  
**Improv Type:** Expansion

### Water - Distribution Sys - Transmission

**Priority Score:** 70  
**Priority Category:** Low  
**Contact Information:** Wilson, Leonard  
 858-654-4112  
 llwilson@sandiego.gov

**Description:** This project provides for the construction of approximately 15,800 linear feet of 30-inch diameter water transmission pipeline in Carmel Mountain Road and Little McGonigle Ranch Road within the Del Mar Mesa and Pacific Highlands Ranch communities to provide capacity for both Del Mar Mesa and Pacific Highlands Ranch.

**Justification:** The pipeline is required to provide capacity in the water system to adequately supply the demand resulting from the build-out of the Del Mar Mesa and Pacific Highlands Ranch communities.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Del Mar Mesa and Pacific Highlands Ranch Community Plans and is in conformance with the City's General Plan.

**Schedule:** Phases 1 and 2 are complete. The design of Phase 3 is not scheduled at this time. The design of Phases 4 and 5 are complete. Construction of Phases 4 and 5 are scheduled to be completed in Fiscal Year 2015, but are dependent upon the construction of the Shaw Lorenz Community.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Del Mar Mesa FBA	400089	\$ 655,025	\$ 101,975	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 757,000
<b>Total</b>		<b>\$ 655,025</b>	<b>\$ 101,975</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 757,000</b>

## Public Utilities

### Lower Otay Outlet Tower / S12018

<b>Council District:</b> Non-city	<b>Priority Score:</b> 90
<b>Community Plan:</b> Non City	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Rubalcava, Eric
<b>Duration:</b> 2012 - 2016	858-654-4284
<b>Improv Type:</b> Betterment	erubalcava@sandiego.gov

**Description:** This project provides for the upgrade/replacement of the Lower Otay Outlet Tower.

**Justification:** Seismic analysis concluded that the tower's concrete has an overstress in flexural tension. Both the tower and the tower foundation are in danger of failure.

**Operating Budget Impact:** None

**Relationship to General and Community Plans:** This project is outside the City limits and there is no community planning area. This project is in conformance with the City's General Plan.

**Schedule:** Design is scheduled to begin in Fiscal Year 2014 and be completed in Fiscal Year 2015. Construction is scheduled to begin in Fiscal Year 2015 and be completed in Fiscal Year 2016.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014							Unidentified Funding	Project Total
				FY 2014	Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Water Utility - CIP Funding Source	700010	\$ -	\$ 168,248	\$ 131,327	\$ -	\$ 1,617,047	\$ 3,588,763	\$ -	\$ -	\$ -	\$ -	\$ 5,505,385
<b>Total</b>		\$ -	\$ 168,248	\$ 131,327	\$ -	\$ 1,617,047	\$ 3,588,763	\$ -	\$ -	\$ -	\$ -	\$ 5,505,385

## Public Utilities

### Lower Otay Reservoir Emergency Outlet Improvements / S00044

### Bldg - Water - Reservoirs/Dams

<b>Council District:</b> Non-city	<b>Priority Score:</b> 75
<b>Community Plan:</b> Non City	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2001 - 2015	619-533-4102
<b>Improv Type:</b> Betterment	hazar@sandiego.gov

**Description:** This project provides for the installation of two sluice gates on the auxiliary spillway to improve draw-down capacity.

**Justification:** The State Department of Safety of Dams requires an emergency draw-down capability of 10 percent of reservoir capacity in 10 days. Lower Otay Reservoir (backed up by Savage Dam) requires 56 days for 10 percent draw-down in order to prevent a risk of dam failure.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is outside of the City limits and there is no community planning area. This project is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2001 and was completed in Fiscal Year 2010. Construction is scheduled to begin in Fiscal Year 2014 and be completed in Fiscal Year 2015.

**Summary of Project Changes:** Total project cost increased by \$618,572 due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 403,219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 403,219
Water Utility - CIP Funding Source	700010	94,609	640,262	618,572	-	-	-	-	-	-	-	1,353,444
Water Utility Operating Fund	700011	243,337	-	-	-	-	-	-	-	-	-	243,337
<b>Total</b>		<b>\$ 741,166</b>	<b>\$ 640,262</b>	<b>\$ 618,572</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,000,000</b>

## Public Utilities

### MBC Biosolids Storage Silos / S00322

### Bldg - MWWD - Treatment Plants

<b>Council District:</b> 6	<b>Priority Score:</b> 74
<b>Community Plan:</b> Non City	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 2007 - 2015	619-533-5105
<b>Improv Type:</b> Expansion	iasgharzadeh@sandiego.gov

**Description:** This project provides for two additional biosolid storage silos (numbers 9 and 10). Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** When a silo is out of service, silo storage capacity is frequently exceeded. In order to accommodate such events and to restore adequate silo capacity, it is essential to build two more storage silos.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is located on federal property and there is no community planning area. This project is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2009 and was completed in Fiscal Year 2013. Construction is scheduled to begin in Fiscal Year 2014 and be completed in Fiscal Year 2015.

**Summary of Project Changes:** Total project cost has increased by \$339,845 due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 120,320	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,320
Metro Sewer Utility - CIP Funding Source	700009	6,996,358	832,567	339,845	-	-	-	-	-	-	-	8,168,770
Metropolitan Sewer Utility Fund	700001	758,749	-	-	-	-	-	-	-	-	-	758,749
<b>Total</b>		<b>\$ 7,875,426</b>	<b>\$ 832,567</b>	<b>\$ 339,845</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,047,838</b>

## Public Utilities

### MBC Dewatering Centrifuges Replacement / S00339

### Bldg - MWWD - Treatment Plants

<b>Council District:</b> 6	<b>Priority Score:</b> 83
<b>Community Plan:</b> Non City	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 2009 - 2017	619-533-5105
<b>Improv Type:</b> Expansion	iasgharzadeh@sandiego.gov

**Description:** This project provides for the replacement of six of the eight existing dewatering centrifuges with six larger capacity units to handle larger future biosolids flows. The existing units are also near the end of their useful life. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** This project will increase the production capacity of the dewatering centrifuges to accommodate plant shutdowns for maintenance and construction, to accommodate future flows, and to address diverse types of constraining operational factors that limit current capacity. To achieve the required capacity, the existing dewatering centrifuge units must be replaced with larger units.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is located on federal property and there is no community planning area. This project is in conformance with the City's General Plan.

**Schedule:** The schedule is based on a design/build (D/B) type of contract. Design is scheduled to be completed by Fiscal Year 2014, and installation of the six centrifuges is scheduled to be completed by Fiscal Year 2016.

**Summary of Project Changes:** Total project cost decreased by \$571,005 due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 934	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 934
Metro Sewer Utility - CIP Funding Source	700009	2,072,806	850,472	4,591,817	-	3,913,900	-	-	-	-	-	11,428,995
Metropolitan Sewer Utility Fund	700001	12,625	-	-	-	-	-	-	-	-	-	12,625
<b>Total</b>		<b>\$ 2,086,365</b>	<b>\$ 850,472</b>	<b>\$ 4,591,817</b>	<b>\$ -</b>	<b>\$ 3,913,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 11,442,554</b>

## Public Utilities

### MBC Odor Control Facility Upgrades / S00323

### Bldg - MWWD - Treatment Plants

<b>Council District:</b> 6	<b>Priority Score:</b> 83
<b>Community Plan:</b> Non City	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 2007 - 2016	619-533-5105
<b>Improv Type:</b> Expansion	iasgharzadeh@sandiego.gov

**Description:** This project provides for upgrading the odor control system fans and ducting to reduce system headlosses and improve overall foul air collection efficiency at the various process areas. Access platforms will also be installed at monitoring instruments and damper locations. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** Several areas at the Metro Biosolids Center (MBC) have been identified to cause significant odor problems due to foul air collection deficiencies because of insufficient fan capacity and high headlosses, including poorly located foul air collection registers. Installing access platforms at the monitoring instruments and air volume control dampers will provide safe and timely access for operation and maintenance needs.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is located on federal property and there is no community planning area. This project is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2014. Construction began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2015.

**Summary of Project Changes:** Total project cost increased by \$1 million due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 8,045	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	8,045
Metro Sewer Utility - CIP Funding Source	700009	1,196,092	2,235,171	1,022,262	-	1,681,507	-	-	-	-	-	6,135,032
Metropolitan Sewer Utility Fund	700001	56,923	-	-	-	-	-	-	-	-	-	56,923
<b>Total</b>		<b>\$ 1,261,060</b>	<b>\$ 2,235,171</b>	<b>\$ 1,022,262</b>	<b>\$ -</b>	<b>\$ 1,681,507</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>6,200,000</b>

## Public Utilities

### Metro Facilities Control Systems Upgrade / L10000

### Bldg - MWWd - Treatment Plants

<b>Council District:</b> 1, 2	<b>Priority Score:</b> 72
<b>Community Plan:</b> University, Peninsula	<b>Priority Category:</b> Low
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2010 - 2015	619-533-4102
<b>Improv Type:</b> Replacement	hazar@sandiego.gov

**Description:** This project provides for replacement and upgrade of existing control systems at various Metropolitan Wastewater treatment and pump station facilities. These include Metro Biosolids Center (MBC), North City Water Reclamation Plant (NCWRP), and Point Loma Water Treatment Plant (PLWTP). Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** This project is needed to provide replacement of existing control systems at various facilities. The existing control systems are microprocessor/computer-based. The life cycle of these systems is seven to 10 years. Replacement will also provide an upgrade in technology. The change in technology will provide the facilities with greater control system capabilities and are essential for future facility expansion.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the University and Peninsula Community Plans, and is in conformance with the City's General Plan.

**Schedule:** Design and construction began in Fiscal Year 2010 and are scheduled to be completed in Fiscal Year 2015.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Metro Sewer Utility - CIP Funding Source	700009	\$ 6,716,737	\$ 1,482,573	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,199,311
Metropolitan Sewer Utility Fund	700001	71,077	-	-	-	-	-	-	-	-	-	71,077
<b>Total</b>		<b>\$ 6,787,815</b>	<b>\$ 1,482,573</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8,270,388</b>

## Public Utilities

### Metro Treatment Plants / ABO00001

**Council District:** 2, 6, 7, 8  
**Community Plan:** Peninsula, University, Tijuana River Valley  
**Project Status:** Continuing  
**Duration:** 2010 - 2021  
**Improv Type:** Replacement

### Bldg - MWWD - Treatment Plants

**Priority Score:** Annual  
**Priority Category:** Annual  
**Contact Information:** Hwang, Guann  
 858-292-6476  
 ghwang@sandiego.gov

**Description:** This annual allocation provides for replacement or improvements of facilities at Metro Treatment Plants: Point Loma Wastewater Treatment Plant (PLWTP), North City Water Reclamation Plant (NCWRP), South Bay Water Reclamation Plant (SBWRP), and Metro Biosolids Center (MBC). Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** Various facilities require replacement due to increasing wastewater flows and to be compliant with current regulatory requirements. This annual allocation will be considered an enhancement to the facility and does not include operation and maintenance.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Peninsula, Tijuana River Valley, and University Community Plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$1.7 million over last fiscal year due to revised requirements.

### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 105,791	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 105,791
Metro Sewer Utility - CIP Funding Source	700009	13,741,939	1,509,736	1,700,000	-	4,000,000	3,229,245	1,000,000	1,000,000	1,000,000	-	27,180,919
Metropolitan Sewer Utility Fund	700001	552,749	-	-	-	-	-	-	-	-	-	552,749
<b>Total</b>		<b>\$ 14,400,479</b>	<b>\$ 1,509,736</b>	<b>\$ 1,700,000</b>	<b>\$ -</b>	<b>\$ 4,000,000</b>	<b>\$ 3,229,245</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ -</b>	<b>\$ 27,839,460</b>



## Public Utilities

### Metropolitan System Pump Stations / ABP00002

### Bldg - MWWD - Pump Stations

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2021	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation provides for comprehensive upgrades, design modifications, and renovations or replacement of equipment such as pumps, valves, tanks, controls, odor control systems, etc. at Metropolitan System Pump Stations 1, 2, Otay River and Grove Avenue. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** These improvements will allow pump stations to run more efficiently and increase the reliability of the Metropolitan Wastewater System.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 has decreased by \$100,000 over last fiscal year due to revised requirements. Additionally, in Fiscal Year 2013 Council approved the deappropriation of \$3.0 million (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 871,255	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 871,255
Metro Sewer Utility - CIP Funding Source	700009	3,036,164	581,469	-	-	-	-	-	264,877	-	-	3,882,510
Metropolitan Sewer Utility Fund	700001	5,901,235	-	-	-	-	-	-	-	-	-	5,901,235
<b>Total</b>		<b>\$ 9,808,654</b>	<b>\$ 581,469</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 264,877</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,655,000</b>

## Public Utilities

### Metropolitan Waste Water Department Trunk Sewers / AJB00001

### Wastewater - Collection Sys - Trunk Swr

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2020	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation provides for the replacement of trunk sewers at various locations, including canyons, within the City limits. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** This annual allocation provides for the upgrading of trunk sewers, to improve the level of service to residents of the City of San Diego and to comply with regulatory agencies by reducing the possibility of sewer spills.

**Operating Budget Impact:** None

**Relationship to General and Community Plans:** This project is consistent with the applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$17.7 million over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018			
Historical Fund	X999	\$ 10,552,696	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	10,552,696
Metro Sewer Utility - CIP Funding Source	700009	22,253	5,044,688	-	-	1,220,504	1,822,496	200,000	1,300,000	-	-	9,609,941
Metropolitan Sewer Utility Fund	700001	23,059	-	-	-	-	-	-	-	-	-	23,059
Muni Sewer Utility - CIP Funding Source	700008	22,869,701	6,782,666	-	-	-	8,232,797	8,520,613	3,999,147	-	-	50,404,924
Municipal Sewer Revenue Fund	700000	4,041,292	(1)	-	-	-	-	-	-	-	-	4,041,291
<b>Total</b>		<b>\$ 37,509,001</b>	<b>\$ 11,827,353</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,220,504</b>	<b>\$ 1,822,496</b>	<b>\$ 8,432,797</b>	<b>\$ 9,820,613</b>	<b>\$ 3,999,147</b>	<b>\$ -</b>	<b>\$ 74,631,911</b>

## Public Utilities

### Miramar Clearwell Improvements / S11024

### Bldg - Water - Standpipes

<b>Council District:</b> 5	<b>Priority Score:</b> 100
<b>Community Plan:</b> Scripps Miramar Ranch	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 2011 - 2019	619-533-5105
<b>Improv Type:</b> Replacement	iasgharzadeh@sandiego.gov

**Description:** This project will construct two new clearwells just west of the Miramar Water Treatment Plant and a lift station after the filters.

**Justification:** This project will replace the existing clearwells at Miramar Water Treatment Plant. The existing clearwells were determined to have significant structural issues. The lift station will improve filter performance and increase hydraulic grade line to 712 feet.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Scripps Miramar Ranch Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2014. Construction is scheduled to begin in Fiscal Year 2016 and to be completed in Fiscal Year 2019.

**Summary of Project Changes:** Total project cost increased by \$7.5 million due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 3,632,882	\$ 2,623	\$ 2,400,000	\$ -	\$ 1,400,000	\$ 6,400,000	\$ 25,478,039	\$ 27,281,961	\$ 18,400,000	\$ -	\$ 84,995,505
Water Utility Operating Fund	700011	4,495	-	-	-	-	-	-	-	-	-	4,495
<b>Total</b>		<b>\$ 3,637,377</b>	<b>\$ 2,623</b>	<b>\$ 2,400,000</b>	<b>\$ -</b>	<b>\$ 1,400,000</b>	<b>\$ 6,400,000</b>	<b>\$ 25,478,039</b>	<b>\$ 27,281,961</b>	<b>\$ 18,400,000</b>	<b>\$ -</b>	<b>\$ 85,000,000</b>

## Public Utilities

### Miramar Contract A Roof System Redesign / S13016

### Bldg - Water - Treatment Plants

<b>Council District:</b> 5	<b>Priority Score:</b> 90
<b>Community Plan:</b> Scripps Miramar Ranch	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Garcia, Alex
<b>Duration:</b> 2013 - 2014	619-533-3634
<b>Improv Type:</b> Replacement - Rehab	agarcia@sandiego.gov

**Description:** This project is to replace and/or rehab the leaking roof systems on buildings at the Miramar Water Treatment Plant (WTP) facility.

**Justification:** The Miramar WTP is a key facility within the City's water system that supplies nearly 50 percent of the City of San Diego's treated water demand. Leaks from the failing roof systems could result in a water treatment plant shutdown, potentially leaving customers out of water service.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This plan is consistent with the Scripps Miramar Ranch Community Plan and is in conformance with the City's General Plan.

**Schedule:** Planning is complete. Design/build began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 61,015	\$ 2,938,985	\$ 4,557,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,557,000
<b>Total</b>		<b>\$ 61,015</b>	<b>\$ 2,938,985</b>	<b>\$ 4,557,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,557,000</b>

## Public Utilities

### Miramar Water Treatment Plant Upgrade & Expansion / S00024

### Bldg - Water - Treatment Plants

<b>Council District:</b> 5	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Scripps Miramar Ranch	<b>Priority Category:</b> N/A
<b>Project Status:</b> Warranty	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 1993 - 2014	619-533-5105
<b>Improv Type:</b> Expansion	iasgharzadeh@sandiego.gov

**Description:** This project provides for upgrades to and expansion of the Miramar Water Treatment Plant, including construction of state-of-the-art filters, rapid mix and de-aeration facilities, chlorine and chemical facilities, four flocculation and sedimentation basins, an ozone structure with generation equipment, site paving, landscaping, and an administration building.

**Justification:** The Safe Drinking Water Act, mandated by the Environmental Protection Agency and the Department of Public Health, dictates the need to upgrade the existing treatment plant. Increasing demands on the plant by the rapidly growing North City area also necessitate its expansion.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Scripps Miramar Ranch Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 1997 and continued through subsequent phases of work. Construction began on the initial phase of work in Fiscal Year 2001. All sub-phases are completed, with the exception of the Miramar WTP Landscape and Site Improvement phase. This phase is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$100,000 (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 117,634,094	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 117,634,094
Water Utility - CIP Funding Source	700010	2,710,328	164,887	-	-	-	-	-	-	-	-	2,875,215
Water Utility Operating Fund	700011	59,196	-	-	-	-	-	-	-	-	-	59,196
<b>Total</b>		<b>\$ 120,403,618</b>	<b>\$ 164,887</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 120,568,505</b>

## Public Utilities

### Montezuma Pipeline/Mid-City Pipeline Phase II / S11026

**Council District:** 7, 9  
**Community Plan:** College Area, Eastern Area (Mid-City), Navajo  
**Project Status:** Continuing  
**Duration:** 2011 - 2018  
**Improv Type:** Expansion

### Water - Distribution Sys - Distribution

**Priority Score:** 98  
**Priority Category:** High  
**Contact Information:** Asgharzadeh, Iraj  
 619-533-5105  
 iasgharzadeh@sandiego.gov

**Description:** This project will construct a new 66-inch pipeline from the Alvarado Water Treatment Plant Clearwells to the existing 48-inch Mid-City Pipeline, which crosses Highway 8. Approximate pipeline length is 6,505 linear feet.

**Justification:** This project will give complete redundancy to the Trojan Pipeline and will add transmission capacity to all of San Diego, south of Highway 8. The project will provide a back-up supply for the aging 54-inch Trojan Pipeline that currently supplies the Mid-City Pipeline west of the 63rd Street inter-tie, a second supply line to the largest region of the Alvarado Water Treatment Plant service area, and a back-up service that will allow the Trojan Pipeline to be removed from service for inspection. In addition, the project provides connections for a new 69th and Mohawk Pump Station to become the lead supply to the Redwood Village (645 Zone).

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the College Area, Navajo, and Eastern Area Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2013 and is anticipated to be completed in Fiscal Year 2015. Construction is scheduled to begin in Fiscal Year 2016 and be completed in Fiscal Year 2018.

**Summary of Project Changes:** Total project cost increased by \$494,396 due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 61,254	\$ 241,835	\$ 2,000,000	\$ -	\$ 2,000,000	\$ 11,000,000	\$ 1,681,800	\$ -	\$ -	\$ -	\$ 16,984,888
Water Utility Operating Fund	700011	215,111	1	-	-	-	-	-	-	-	-	215,112
<b>Total</b>		<b>\$ 276,365</b>	<b>\$ 241,835</b>	<b>\$ 2,000,000</b>	<b>\$ -</b>	<b>\$ 2,000,000</b>	<b>\$ 11,000,000</b>	<b>\$ 1,681,800</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,200,000</b>

## Public Utilities

### Montezuma Trunk Sewer / S00332

**Council District:** 7, 9  
**Community Plan:** College Area  
**Project Status:** Continuing  
**Duration:** 2002 - 2014  
**Improv Type:** Expansion

### Wastewater - Collection Sys - Trunk Swr

**Priority Score:** 90  
**Priority Category:** Medium  
**Contact Information:** Spier, Carl  
 619-533-5126  
 cspier@sandiego.gov

**Description:** This project provides for the replacement of approximately 6,769 feet of the existing 12-inch and 15-inch trunk sewer with 21-inch pipe.

**Justification:** This trunk sewer will be upgraded with a larger pipe to accommodate future flow capacity.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the College Area Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2004 with final design completed in Fiscal Year 2011. Construction began in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** No significant change has been made to the project in Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Historical Fund	X999	\$ 659,285	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 659,285
Muni Sewer Utility - CIP Funding Source	700008	5,030,082	289,334	-	-	-	-	-	-	-	-	5,319,416
Municipal Sewer Revenue Fund	700000	203,394	-	-	-	-	-	-	-	-	-	203,394
<b>Total</b>		<b>\$ 5,892,760</b>	<b>\$ 289,334</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,182,094</b>

## Public Utilities

### Morena Reservoir Outlet Tower Upgrade / S00041

### Bldg - Water - Reservoirs/Dams

<b>Council District:</b> Non-city	<b>Priority Score:</b> 90
<b>Community Plan:</b> Non City	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2001 - 2016	619-533-4102
<b>Improv Type:</b> Betterment	hazar@sandiego.gov

**Description:** This project upgrades the outlet tower to meet seismic requirements, replaces the electrical system and outlet tower piping, interior and exterior valves, and platforms. It will add a 100-foot long, 6-foot wide pedestrian bridge from the dam to the outlet tower and two sluice gates at the emergency spillway.

**Justification:** The aging outlet tower components are in need of replacement for safety and ease of operation. Furthermore, the electrical system needs to be upgraded to meet current standards, provide better control, and provide safety and better accessibility.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is outside of the City limits and there is no community planning area. This project is in conformance with the City's General Plan.

**Schedule:** Design phase began in Fiscal Year 2012. Construction is scheduled to begin in Fiscal Year 2014 and be completed in Fiscal Year 2015.

**Summary of Project Changes:** Total project cost decreased by \$522,324 due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total	
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY			
Historical Fund	X999	\$ 322,485	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	322,485
Water Utility - CIP Funding Source	700010	345,356	126,715	4,870,768	-	-	-	-	-	-	-	-	5,342,839
Water Utility Operating Fund	700011	14,676	-	-	-	-	-	-	-	-	-	-	14,676
<b>Total</b>		<b>\$ 682,518</b>	<b>\$ 126,715</b>	<b>\$ 4,870,768</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>5,680,000</b>



## Public Utilities

### Municipal Facilities Control Systems Upgrade / L10001

### Bldg - MWWD - Treatment Plants

<b>Council District:</b> 1, 5	<b>Priority Score:</b> 72
<b>Community Plan:</b> Torrey Pines, Miramar Ranch North	<b>Priority Category:</b> Low
<b>Project Status:</b> New	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2014 - 2016	619-533-4102
<b>Improv Type:</b> Replacement	hazar@sandiego.gov

**Description:** This project provides for replacement and upgrade of existing control systems at Pump Station 64 and Penasquitos Pump Station.

**Relationship to General and Community Plans:** This project is consistent with the Torrey Pines and Miramar Ranch North Plans, and is in conformance with the City's General Plan.

**Justification:** This project is needed to provide replacement of existing control systems at various facilities. The existing control systems are microprocessor/computer-based. The lifecycle of these systems is seven to 10 years. Replacement will also provide an upgrade in technology. The change in technology will provide the facilities with greater control system capabilities and are essential for future facility expansion.

**Schedule:** Design and construction will begin in Fiscal Year 2014 and is scheduled to be completed in Fiscal Year 2015.

**Summary of Project Changes:** This project is newly published and was approved by the City Council in Fiscal Year 2012 per resolution R-306745.

**Operating Budget Impact:** None.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Muni Sewer Utility - CIP Funding Source	700008	\$ -	\$ -	1,810,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,810,000
<b>Total</b>		\$ -	\$ -	1,810,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,810,000

## Public Utilities

### NCWRP Sludge Pump Station Upgrade / S00309

### Bldg - MWWD - Pump Stations

<b>Council District:</b> 1	<b>Priority Score:</b> 82
<b>Community Plan:</b> University	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2006 - 2015	619-533-4102
<b>Improv Type:</b> Replacement	hazar@sandiego.gov

**Description:** This project provides for the correction of a vibration problem at the North City Water Reclamation Plant (NCWRP) Sludge Pump Station. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** Excessive vibration of the pump and flywheel contribute to wear and tear of equipment. The vibration also generates tremendous heat. The excessive vibration and heat can cause premature failure of equipment, impact operational efficiency, and have structural impacts at the facility.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the University Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2008 and was completed in Fiscal Year 2013. Construction is scheduled to begin and be completed in Fiscal Year 2014.

**Summary of Project Changes:** Total project cost has increased by \$150,000 due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Historical Fund	X999	\$ 438	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 438
Metro Sewer Utility - CIP Funding Source	700009	247,552	323,084	150,000	-	-	-	-	-	-	-	720,636
Metropolitan Sewer Utility Fund	700001	136,022	-	-	-	-	-	-	-	-	-	136,022
<b>Total</b>		<b>\$ 384,012</b>	<b>\$ 323,084</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 857,096</b>

## Public Utilities

### North City Reclamation System / AHC00002

### Reclaimed Water System - Pipelines

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2020	858-292-6476
<b>Improv Type:</b> Expansion	ghwang@sandiego.gov

**Description:** This annual allocation provides recycled water to the Northern Service Area extending from Black Mountain Road west, along the I-56 corridor, to Carmel Valley. Portions of the recycled water pipeline expansion have been completed; bringing service to Olivenhain Municipal Water District and the communities of Black Mountain Ranch and Santa Luz. Recycled water pipelines are planned in Carmel Valley, Pacific Highlands, Los Penasquitos Canyon, and Camino Del Sur. State Proposition 50 (Integrated Regional Water Management Plan) and Bureau of Reclamation Title 16 Grant funds are anticipated for this project.

**Justification:** Segments of recycled water pipelines have been constructed by private developers or Caltrans. The City needs to construct the remaining portions to complete the system and start delivering recycled water. The City also needs to expand the distribution system to customers already retrofitted to use recycled water.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects are scheduled on a priority basis.

**Summary of Project Changes:** No significant change has been made to this project in Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 1,754,296	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,754,296
Water Utility - CIP Funding Source	700010	7,122,635	999,888	-	-	-	-	-	-	-	-	8,122,523
Water Utility Operating Fund	700011	2,461,178	1	-	-	-	-	-	-	-	-	2,461,179
<b>Total</b>		<b>\$ 11,338,108</b>	<b>\$ 999,889</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 12,337,997</b>

## Public Utilities

### Otay 1st/2nd PPL Abandon East of Highland Avenue / S11027

**Council District:** 4, 9  
**Community Plan:** City Heights (Mid-City), Eastern Area (Mid-City)  
**Project Status:** Continuing  
**Duration:** 2011 - 2016  
**Improv Type:** Replacement

### Water - Distribution Sys - Transmission

**Priority Score:** 77  
**Priority Category:** Low  
**Contact Information:** Asgharzadeh, Iraj  
 619-533-5105  
 iasgharzadeh@sandiego.gov

**Description:** This project will abandon approximately 13,630 feet of aged 30-inch and 36-inch pipes, identified as Otay 1st and 2nd water transmission pipelines. These pipelines sections will be abandoned from Highland Avenue and Wightman Street east to 54th Street. This project will also install approximately 8,120 feet of new 16-inch distribution mains from a 12-inch line at University Avenue and Winona Avenue to 54th Street and Chollas Station Road.

**Justification:** This project will abandon approximately 13,630 feet of existing Cast Iron Cement Lined, Reinforced Concrete Steel Cylinder and Cement Mortar Lined Coated Steel pipes in accordance with California Department of Public Health's compliance order 04-14-96CO-022. These pipelines, constructed as early as 1915, have reached the end of their lifecycle and have become a liability to the City. In order to provide system redundancy and maintain distribution needs, approximately 8,120 feet of new 16-inch distribution mains will be installed.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Mid-City: City Heights and Eastern Area Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2012 and was completed in Fiscal Year 2013. Construction is scheduled to begin in Fiscal Year 2014 and be completed in Fiscal Year 2015.

**Summary of Project Changes:** No significant change has been made to this project in Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 982,261	\$ 36,505	\$ 900,000	\$ -	\$ 5,258,471	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,177,238
Water Utility Operating Fund	700011	44,483	-	-	-	-	-	-	-	-	-	44,483
<b>Total</b>		<b>\$ 1,026,745</b>	<b>\$ 36,505</b>	<b>\$ 900,000</b>	<b>\$ -</b>	<b>\$ 5,258,471</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,221,721</b>

## Public Utilities

### Otay 1st/2nd PPL Abandon West of Highland Avenue / S12016

<b>Council District:</b> 3, 9	<b>Priority Score:</b> 91
<b>Community Plan:</b> Greater North Park, City Heights	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Rubalcava, Eric
<b>Duration:</b> 2012 - 2017	858-654-4284
<b>Improv Type:</b> Replacement	erubalcava@sandiego.gov

**Description:** This project provides for replacement of the Otay 1st and 2nd Pipeline (west of Highland Avenue, along the existing Otay 2nd alignment). It will replace 14,572 linear feet of existing cast iron Otay 2nd Pipeline with a new 42-inch Wightman Street Pipeline, primarily along existing Otay 2nd alignment from Highland Avenue and Polk Avenue to the University Heights Reservoir at Howard Avenue and Idaho Street. The reach on Highland Avenue includes replacement of 1,328 linear feet of the existing cast iron Otay 1st Pipeline. It will also replace 10,896 linear feet of the cast iron Otay 1st Pipeline from Highland and Polk to the University Heights Reservoir with a 16-inch distribution line.

**Justification:** This project will develop a replacement and/or abandonment plan to remove the existing cast iron segments of pipeline west of Highland Avenue. Cast iron reaches of the Otay 1st and 2nd Pipelines are neither safe nor reliable facilities, and may contribute to poor water quality.

### Water - Distribution Sys - Transmission

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the City Heights and Greater North Park Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design is scheduled to begin and be completed in Fiscal Year 2014. Construction is scheduled to begin in Fiscal Year 2015 and be completed in Fiscal Year 2017.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014						Unidentified Funding	Project Total	
				FY 2014	Anticipated	FY 2015	FY 2016	FY 2017	FY 2018			
Water Utility - CIP Funding Source	700010	\$ -	\$ 150,000	\$ 338,051	\$ -	\$ 6,643,357	\$ 9,105,132	\$ 10,091,924	\$ -	\$ -	\$ -	\$ 26,328,464
<b>Total</b>		\$ -	\$ 150,000	\$ 338,051	\$ -	\$ 6,643,357	\$ 9,105,132	\$ 10,091,924	\$ -	\$ -	\$ -	\$ 26,328,464

## Public Utilities

### Otay Second Pipeline Improvements / S00032

<b>Council District:</b> 4, 9	<b>Priority Score:</b> 91
<b>Community Plan:</b> Skyline - Paradise Hills, Southeastern San Diego	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Rubalcava, Eric
<b>Duration:</b> 1993 - 2020	858-654-4284
<b>Improv Type:</b> Replacement	erubalcava@sandiego.gov

**Description:** This project provides funding to evaluate the condition of existing water pipelines and to make appropriate upgrades and replacements to the pipeline.

**Justification:** This pipeline was originally installed in 1928 and has exceeded its useful life expectancy of 60 years. Breaks in the pipeline have revealed severe pipe corrosion in certain locations, requiring upgrades and replacement.

**Operating Budget Impact:** None.

### Water - Distribution Sys - Transmission

**Relationship to General and Community Plans:** This project is consistent with the Skyline-Paradise Hills and Southeastern San Diego Community Plans and is in conformance with the City's General Plan.

**Schedule:** Engineering studies and design began in Fiscal Year 1999 and were completed in Fiscal Year 2007. Project scheduling is contingent on the assessed condition of the pipeline.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 2,499,869	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,499,869
Water Utility - CIP Funding Source	700010	362,278	87,488	-	-	-	-	-	-	-	-	449,766
Water Utility Operating Fund	700011	52,970	(2,736)	-	-	-	-	-	-	-	-	50,234
<b>Total</b>		<b>\$ 2,915,117</b>	<b>\$ 84,752</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,999,869</b>

## Public Utilities

### Otay Water Treatment Plant Upgrade & Expansion / S00030

### Bldg - Water - Treatment Plants

<b>Council District:</b> Non-city	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Non City	<b>Priority Category:</b> N/A
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 1993 - 2014	619-533-5105
<b>Improv Type:</b> Expansion	iasgharzadeh@sandiego.gov

**Description:** This project provides for upgrading the treatment processes at the Otay Water Treatment Plant (Phases 1 and 2) to comply with the Safe Drinking Water Act standards. The Safe Drinking Water Act is a federal act, enforced by the State of California.

**Schedule:** Otay Water Treatment Plant (WTP) Phases 1 and 2 were completed in Fiscal Year 2012. The design/build contract for the Otay WTP Concrete Work project began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2014.

**Justification:** New standards required by the Safe Drinking Water Act dictate the need to upgrade the existing water treatment plant standards.

**Summary of Project Changes:** Sub-phase Otay Water Treatment Plant Upgrade and Expansion - Phase 2 was completed and closed in Fiscal Year 2013. Additionally, in Fiscal Year 2013, Council approved the appropriation of \$766,431 (R-307852) due to revised requirements.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is outside of the City limits and there is no community planning area. This project is in conformance with the City's General Plan.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 17,475,189	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,475,189
Water Utility - CIP Funding Source	700010	1,638,954	490,210	-	-	-	-	-	-	-	-	2,129,164
Water Utility Operating Fund	700011	9,185,199	1	-	-	-	-	-	-	-	-	9,185,199
<b>Total</b>		<b>\$ 28,299,341</b>	<b>\$ 490,211</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 28,789,552</b>

## Public Utilities

### PS2 Power Reliability & Surge Protection / S00312

<b>Council District:</b> 2	<b>Priority Score:</b> 90
<b>Community Plan:</b> Midway - Pacific Highway	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2005 - 2018	619-533-4102
<b>Improv Type:</b> Expansion	hazar@sandiego.gov

### Bldg - MWW - Pump Stations

**Description:** This project will improve the reliability of the Pump Station 2. It will also provide the required surge protection and backup power against an electrical outage in compliance with the Environmental Protection Agency (EPA) recommendation of standby power for essential facilities. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** Sewer Pump Station 2 currently has three feeds from San Diego Gas and Electric (SDG&E). Two of the feeds are fed from the same substation. Neither of the two SDG&E substations provides 100% power to Pump Station 2. EPA guidelines recommend that facilities like Pump Station 2 be equipped with two separate and independent sources of electrical power provided from either two separate utility substations or from a single substation and a plant base generator. The current pump station electrical configuration does not comply with the EPA recommendations. Besides satisfying the EPA guidelines, it is also required that force main surge protection be provided at all times during pump station operation and in the event of a total power failure.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Midway/Pacific Highway Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2014. Construction will begin in Fiscal Year 2015 and is scheduled to be completed in Fiscal Year 2017.

**Summary of Project Changes:** Total project cost decreased by \$30,000 due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Metro Sewer Utility - CIP Funding Source	700009	\$ 2,005,695	\$ 808,419	\$ 351,719	\$ -	\$ 13,970,000	\$ 14,000,000	\$ -	\$ -	\$ -	\$ -	\$ 31,135,834
Metropolitan Sewer Utility Fund	700001	64,166	-	-	-	-	-	-	-	-	-	64,166
<b>Total</b>		<b>\$ 2,069,862</b>	<b>\$ 808,419</b>	<b>\$ 351,719</b>	<b>\$ -</b>	<b>\$ 13,970,000</b>	<b>\$ 14,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 31,200,000</b>



## Public Utilities

### Pacific Beach Pipeline South (W) / S12015

<b>Council District:</b> 2, 6	<b>Priority Score:</b> 85
<b>Community Plan:</b> Pacific Beach, Midway - Pacific Highway, Mission Bay Park	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Gamboa, Wendy
<b>Duration:</b> 2012 - 2019	619-235-1971
<b>Improv Type:</b> Expansion	wgamboa@sandiego.gov

**Description:** Replacement of approximately 7.33 miles of existing transmission and distribution mains known as Pacific Beach Pipeline along Ingraham Street, West Mission Bay Drive, Sports Arena Boulevard, Midway Drive, Enterprise Street, Pacific Highway, Kurtz Street, Hancock Street, California Street, West Walnut Avenue, Vine Street, and Kettner Boulevard from the Buena Vista Street and Ingraham Street intersection through the Upas and Kettner Boulevard intersection. The project also includes demolition of the existing Pacific Beach Reservoir, abandonment of existing 16-inch pipeline from this reservoir through Tourmaline Street and Foothill Boulevard, and replacement of adjacent water mains along West Mission Bay Drive from Mission Boulevard through Ingraham Street, along Hancock Street from Estudillo Street through Noell Street, along West Washington Street from Hancock Street through Pacific Highway, and along Anna Avenue from Pacific Highway to Lovelock Street.

**Justification:** This project is needed to replace cast iron pipe, provide supply reliability to Pacific Beach, improve water quality, reduce energy waste at the Miramar County Water Authority Pumpback facility, reduce peaking problems in the Miramar Water Treatment Plant service area, and to provide supply flexibility (Alvarado vs. Miramar).

**Operating Budget Impact:** None

**Relationship to General and Community Plans:** This project is consistent with the Midway-Pacific Highway, Mission Bay Park, and Pacific Beach Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2013 and is anticipated to be completed in Fiscal Year 2016. Construction is scheduled to begin in Fiscal Year 2016 and be completed in Fiscal Year 2019.

**Summary of Project Changes:** Total project cost decreased by \$3.2 million due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 222,557	\$ 1,527,443	\$ 900,000	\$ -	\$ 900,000	\$ 7,000,000	\$ 10,523,000	\$ -	\$ -	\$ -	\$ 21,073,000
<b>Total</b>		<b>\$ 222,557</b>	<b>\$ 1,527,443</b>	<b>\$ 900,000</b>	<b>\$ -</b>	<b>\$ 900,000</b>	<b>\$ 7,000,000</b>	<b>\$ 10,523,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 21,073,000</b>

## Public Utilities

### Pipeline Rehabilitation / AJA00002

**Council District:** Citywide  
**Community Plan:** Citywide  
**Project Status:** Continuing  
**Duration:** 2010 - 2020  
**Improv Type:** Replacement

### Wastewater - Collection Sys - Main

**Priority Score:** Annual  
**Priority Category:** Annual  
**Contact Information:** Hwang, Guann  
 858-292-6476  
 ghwang@sandiego.gov

**Description:** This annual allocation provides for the rehabilitation and repair of deteriorated sewers and manholes at various locations within the municipal wastewater system.

**Justification:** This annual allocation provides for the extension of the useful life of sewers and manholes, improvements in the level of service to the residents of San Diego, and compliance with regulatory agencies' standards by reducing the possibility of sewer spills.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 increased by \$9.3 million over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 1,773,593	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,773,593
Muni Sewer Utility - CIP Funding Source	700008	48,197,778	13,544,054	25,306,271	-	25,000,000	17,765,744	17,205,283	16,000,000	16,000,000	-	179,019,131
Municipal Sewer Revenue Fund	700000	5,185,193	-	-	-	-	-	-	-	-	-	5,185,193
<b>Total</b>		<b>\$ 55,156,564</b>	<b>\$ 13,544,054</b>	<b>\$ 25,306,271</b>	<b>\$ -</b>	<b>\$ 25,000,000</b>	<b>\$ 17,765,744</b>	<b>\$ 17,205,283</b>	<b>\$ 16,000,000</b>	<b>\$ 16,000,000</b>	<b>\$ -</b>	<b>\$ 185,977,916</b>

## Public Utilities

### Point Loma Grit Processing Improvements / S00315

### Bldg - MWWD - Treatment Plants

<b>Council District:</b> 2	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Peninsula	<b>Priority Category:</b> N/A
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 2001 - 2015	619-533-5105
<b>Improv Type:</b> Replacement	iasgharzadeh@sandiego.gov

**Description:** This project provides for upgrading the existing grit removal process at the Point Loma Wastewater Treatment Plant which includes new grit agitation blowers enclosed in a sound dampening facility and the associated air piping. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** The Point Loma Wastewater Treatment Plant has six aerated grit removal tanks. The plant is not achieving desirable grit removal because the existing grit processing equipment is unable to extract fine sand or silt. The grit accumulated downstream of the grit tanks reduces the efficiency of processing equipment and minimizes the biosolid treatment in the digesters.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Peninsula Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2001 and was completed in Fiscal Year 2012. Construction began in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2015.

**Summary of Project Changes:** Total project increased by \$4.6 million due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 4,727,067	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,727,067
Metro Sewer Utility - CIP Funding Source	700009	21,336,458	497,189	6,162,221	-	-	-	-	-	-	-	27,995,868
Metropolitan Sewer Utility Fund	700001	1,891,150	-	-	-	-	-	-	-	-	-	1,891,150
<b>Total</b>		<b>\$ 27,954,675</b>	<b>\$ 497,189</b>	<b>\$ 6,162,221</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 34,614,085</b>

## Public Utilities

### Pressure Reduction Facility Upgrades / AKA00002

**Council District:** Citywide  
**Community Plan:** Citywide  
**Project Status:** Continuing  
**Duration:** 2010 - 2020  
**Improv Type:** Replacement

### Water - Distribution Sys - Transmission

**Priority Score:** Annual  
**Priority Category:** Annual  
**Contact Information:** Hwang, Guann  
 858-292-6476  
 ghwang@sandiego.gov

**Description:** This annual allocation provides for replacing existing pressure reducing stations or expanding pressure capacities to meet present and future water demands.

**Justification:** Increasing demands for water throughout the City requires pressure reducing stations to better control water pressure throughout the City's system. This annual allocation will continue to fund the replacement and expansion of pressure reduction facilities.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$1 million over last fiscal year due to revised requirements. Additionally, in Fiscal Year 2013 Council approved the deappropriation of \$150,000 (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
<b>Total</b>		\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

## Public Utilities

### Pump Station 64,65, Penasquitos, E Mission Gorge / ABP00003

### Bldg - MWWD - Pump Stations

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2021	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation provides for the comprehensive upgrades, design modifications, and renovations or replacement of equipment, such as pumps, valves, tanks, controls, and odor control systems at the pump stations.

**Justification:** These improvements will allow the pump stations to run efficiently and increase the reliability of the Municipal Wastewater System.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 increased by \$500,000 over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 13,509	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,509
Muni Sewer Utility - CIP Funding Source	700008	2,386,916	5,073,122	500,000	-	-	-	253,619	350,000	350,000	-	8,913,657
Municipal Sewer Revenue Fund	700000	1,141,148	(575,255)	-	-	-	-	-	-	-	-	565,893
<b>Total</b>		<b>\$ 3,541,573</b>	<b>\$ 4,497,867</b>	<b>\$ 500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 253,619</b>	<b>\$ 350,000</b>	<b>\$ 350,000</b>	<b>\$ -</b>	<b>\$ 9,493,059</b>

## Public Utilities

### Pump Station 84 Upgrade & Pump Station 62 Abandon / S00308

### Bldg - MWWD - Pump Stations

<b>Council District:</b> 1, 5	<b>Priority Score:</b> 86
<b>Community Plan:</b> Rancho Bernardo, Rancho Penasquitos	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2007 - 2014	619-533-4102
<b>Improv Type:</b> Replacement	hazar@sandiego.gov

**Description:** This project provides for the elimination of Sewer Pump Station 62 through the installation of various pipelines and the upsizing of the existing Sewer Pump Station 84.

**Justification:** This project is needed to optimize the sewage system and to eliminate Sewer Pump Station 62.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Rancho Bernardo and Rancho Penasquitos Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2010 and was completed in Fiscal Year 2011. Construction began in Fiscal Year 2013 and is anticipated to be completed in Fiscal Year 2014.

**Summary of Project Changes:** Total project cost decreased by \$1.9 million due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Historical Fund	X999	\$ 3,939	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,939
Muni Sewer Utility - CIP Funding Source	700008	7,255,635	4,445,972	-	-	-	-	-	-	-	-	11,701,607
Municipal Sewer Revenue Fund	700000	1,004,906	-	-	-	-	-	-	-	-	-	1,004,906
<b>Total</b>		<b>\$ 8,264,480</b>	<b>\$ 4,445,972</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 12,710,452</b>

## Public Utilities

### Pump Station Restorations / ABP00001

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2021	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation provides for the replacement of deteriorated municipal pumping equipment and/or pipeline appurtenances.

**Justification:** Many existing sewer pump stations have reached or exceeded their anticipated service life. However, because of the widely varying actual lengths of service life, the scheduling of pump station restorations is difficult. This project allows flexibility in replacing deteriorated pumping equipment.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This annual allocation is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 increased by \$444,842 over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 636,737	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 636,737
Muni Sewer Utility - CIP Funding Source	700008	2,488,052	946,800	1,250,000	-	2,500,000	2,100,000	6,200,000	5,200,000	1,858,496	-	22,543,348
Municipal Sewer Revenue Fund	700000	329,102	1	-	-	-	-	-	-	-	-	329,102
<b>Total</b>		<b>\$ 3,453,891</b>	<b>\$ 946,801</b>	<b>\$ 1,250,000</b>	<b>\$ -</b>	<b>\$ 2,500,000</b>	<b>\$ 2,100,000</b>	<b>\$ 6,200,000</b>	<b>\$ 5,200,000</b>	<b>\$ 1,858,496</b>	<b>\$ -</b>	<b>\$ 23,509,187</b>

## Public Utilities

### Pump Station Upgrades Group I North County / S00303

### Bldg - MWW - Pump Stations

<b>Council District:</b> Citywide	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> N/A
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2003 - 2014	619-533-4102
<b>Improv Type:</b> Replacement	hazar@sandiego.gov

**Description:** This project provides for the upgrade of 23 pump stations, divided into four groups, located throughout San Diego. The upgrades involve providing new and backup pumps and motors, new control panels, new generators, redundant force mains, underground storage tanks, and miscellaneous civil work.

**Justification:** This project will provide for the upgrading of deteriorated pump stations, improvement of the level of service to the residents of San Diego, and compliance with regulatory agencies by reducing the impact of sewer spills.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Group I design began in Fiscal Year 2003 and was completed in Fiscal Year 2009. Construction began in Fiscal Year 2009 and was completed in Fiscal Year 2012. Group II design began in Fiscal Year 2008 and was completed in Fiscal Year 2010. Construction started in Fiscal Year 2011 and is scheduled to be completed in Fiscal Year 2014. Group III design began in Fiscal Year 2005 and was completed in Fiscal Year 2011. Construction started in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2014. Group IV design was completed in Fiscal Year 2008. Construction began in Fiscal Year 2008 and was completed in Fiscal Year 2009.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$1.0 million (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 2,744,285	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,744,285
Muni Sewer Utility - CIP Funding Source	700008	7,638,107	697,655	-	-	-	-	-	-	-	-	8,335,762
Municipal Sewer Revenue Fund	700000	5,036,780	(1)	-	-	-	-	-	-	-	-	5,036,779
<b>Total</b>		<b>\$ 15,419,173</b>	<b>\$ 697,654</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>16,116,827</b>



## Public Utilities

### Reclaimed Water Extension / AHC00001

**Council District:** Citywide  
**Community Plan:** Citywide  
**Project Status:** Continuing  
**Duration:** 2010 - 2020  
**Improv Type:** Expansion

### Reclaimed Water System - Pipelines

**Priority Score:** Annual  
**Priority Category:** Annual  
**Contact Information:** Casamassima, Jennifer  
 619-533-7402  
 jcasamassima@sandiego.gov

**Description:** This annual allocation provides for pipeline extensions of the City's Recycled Water Distribution System to serve potential customers adjacent or in close proximity to the existing system.

**Justification:** This project provides recycled water to customers served by the pipeline extensions.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Planned Northern Service Area recycled water extension projects over the next five years include Black Mountain Road, north of Westview Parkway, Camino Del Sur and Via Azul. Tentative South Bay projects include Plantel Way and Dennery Road.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$400,000 over last fiscal year due to revised requirements. Additionally, in Fiscal Year 2013 Council approved the deappropriation of \$250,000 (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 68,369	\$ 774,799	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 843,168
<b>Total</b>		<b>\$ 68,369</b>	<b>\$ 774,799</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 843,168</b>

## Public Utilities

### Reclaimed Water Retrofit / AHC00003

**Council District:** Citywide  
**Community Plan:** Citywide  
**Project Status:** Continuing  
**Duration:** 2010 - 2020  
**Improv Type:** Expansion

### Reclaimed Water System - Pipelines

**Priority Score:** Annual  
**Priority Category:** Annual  
**Contact Information:** Casamassima, Jennifer  
 619-533-7402  
 jcasamassima@sandiego.gov

**Description:** This annual allocation provides for supplying city facilities with the proper connections and metering for the new reclaimed water distribution system.

**Justification:** The City of San Diego has embarked on an aggressive water reclamation program to provide reclaimed water to large users of potable water for irrigation purposes. This will allow the City to increase its available potable water to serve new potential customers.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 6,453	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	6,453
Water Utility - CIP Funding Source	700010	240,523	599,077	-	-	-	-	-	-	-	-	839,599
Water Utility Operating Fund	700011	4,981	-	-	-	-	-	-	-	-	-	4,981
<b>Total</b>		<b>\$ 251,957</b>	<b>\$ 599,077</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>851,033</b>

## Public Utilities

### Recycled Water System Upgrades / S10010

**Council District:** 1, 5, 6  
**Community Plan:** University, Black Mountain Ranch, Mira Mesa, Scripps Miramar Ranch  
**Project Status:** Continuing  
**Duration:** 2010 - 2016  
**Improv Type:** Replacement - Retrofit

### Reclaimed Water System - Pipelines

**Priority Score:** N/A  
**Priority Category:** N/A  
**Contact Information:** Azar, Hossein  
 619-533-4102  
 hazar@sandiego.gov

**Description:** This project is needed to ensure that spills from the recycled water system flow into the sewer rather than the storm water system. This project would include 14 Pressure Reducing Station vaults to be retrofitted to divert the drainage inside the vault from the storm drain to the sewer system, as required by the Regional Water Quality Control Board.

**Justification:** This project is needed to comply with the latest regulatory requirements of the Regional Water Quality Control Board that recycled water be drained to the sewer system rather than the storm drain system when emergency spills or main breaks occur inside the vaults.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the University, Black Mountain Ranch, Mira Mesa, and Scripps Miramar Ranch Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2011 and was completed in Fiscal Year 2012. Construction began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2015.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 1,732,299	\$ 569,924	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,302,223
Water Utility Operating Fund	700011	47,777	-	-	-	-	-	-	-	-	-	47,777
<b>Total</b>		<b>\$ 1,780,076</b>	<b>\$ 569,924</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>2,350,000</b>

## Public Utilities

### Recycled Water Systems Upgrades / AHC00004

**Council District:** Citywide  
**Community Plan:** Citywide  
**Project Status:** Continuing  
**Duration:** 2010 - 2020  
**Improv Type:** Expansion

### Reclaimed Water System - Pipelines

**Priority Score:** Annual  
**Priority Category:** Annual  
**Contact Information:** Hwang, Guann  
 858-292-6476  
 ghwang@sandiego.gov

**Description:** This annual allocation provides for the upgrade and replacement of recycled water system components as necessary.

**Justification:** Replacement and upgrades are necessary for the ongoing operation of the recycled water system.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects are scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$1.3 million over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total	
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY			
Water Utility - CIP Funding Source	700010	\$ -	\$ 337,422	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 337,422
<b>Total</b>		\$ -	\$ 337,422	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 337,422

## Public Utilities

### Recycled Water Tank Modifications / S12014

**Council District:** 1, 5, 8  
**Community Plan:** Scripps Miramar Ranch, Rancho Penasquitos, Tijuana River Valley  
**Project Status:** Continuing  
**Duration:** 2012 - 2017  
**Improv Type:** Replacement

### Reclaimed Water System - Reservoirs

**Priority Score:** 26  
**Priority Category:** Medium  
**Contact Information:** Rubalcava, Eric  
 858-654-4284  
 erubalcava@sandiego.gov

**Description:** This project provides four recycled water tank drain modifications to comply with new regulatory requirements. The tanks being modified are the 9 million gallon (mg) Miramar Recycled Water Tank, the 9mg Tank Automated Chlorination Facility, and the 9mg Tank Reservoir Management System (two mixers inside the tank).

**Justification:** This project is needed in order to comply with the latest regulatory requirements of the Regional Water Quality Control Board that recycled water be drained to the sewer system rather than the storm drain system.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with Scripps Miramar Ranch, Rancho Penasquitos, and Tijuana River Valley Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design is scheduled to begin in Fiscal Year 2014 and be completed in Fiscal Year 2015. Construction is scheduled to begin in Fiscal Year 2016 and be completed in Fiscal Year 2017.

**Summary of Project Changes:** Total project cost increased by \$20,594 due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ -	\$ 791,984	\$ -	\$ -	\$ 108,016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000
<b>Total</b>		<b>\$ -</b>	<b>\$ 791,984</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 108,016</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 900,000</b>

## Public Utilities

### SBWR Plant Demineralization / S00310

### Bldg - MWWD - Treatment Plants

<b>Council District:</b> 8	<b>Priority Score:</b> 77
<b>Community Plan:</b> Tijuana River Valley	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 2006 - 2014	619-533-5105
<b>Improv Type:</b> Expansion	iasgharzadeh@sandiego.gov

**Description:** This project provides demineralization of reclaimed water using the Electrodialysis Reversal (EDR) process. The project will relocate two trailer mounted EDR units from the North City Water Reclamation Plant to the South Bay Water Reclamation Plant to reduce the Total Dissolved Solids (TDS) in the reclaimed water. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** The majority of reclaimed water is used for irrigation. Demineralization will reduce the level of total dissolved solids in the reclaimed water.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Tijuana River Valley Community Plan and is in conformance with the City's General Plan.

**Schedule:** This design/build contract began in Fiscal Year 2013 and is anticipated to be completed in Fiscal Year 2014.

**Summary of Project Changes:** Total project decreased by \$12.7 million due to a scope reduction from building the demineralization facility to relocating two existing EDR units.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Metro Sewer Utility - CIP Funding Source	700009	\$ 115,326	\$ 507,113	\$ 2,656,294	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,278,734
Metropolitan Sewer Utility Fund	700001	399	-	-	-	-	-	-	-	-	-	399
<b>Total</b>		<b>\$ 115,726</b>	<b>\$ 507,113</b>	<b>\$ 2,656,294</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,279,133</b>

## Public Utilities

### Scripps Ranch Pump Station / S12019

<b>Council District:</b> 5	<b>Priority Score:</b> 80
<b>Community Plan:</b> Scripps Miramar Ranch, Miramar Ranch North	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 2010 - 2014	619-533-5105
<b>Improv Type:</b> Expansion	iasgharzadeh@sandiego.gov

**Description:** This project provides for the construction of a new pump station with a total pump station capacity of 17.2 million gallons per day. This pump station will replace the Scripps Miramar pump as the lead pump to the 1020 zone (Scripps Ranch Pump Station).

**Justification:** The existing pump station is past its useful lifespan and has become inefficient and unreliable and lacks adequate fire flow capacity.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This plan is consistent with the Scripps Miramar Ranch and Miramar Ranch North Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design/Build contract began in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 9,840,332	\$ 1,926,668	\$ 1,312,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,079,000
<b>Total</b>		<b>\$ 9,840,332</b>	<b>\$ 1,926,668</b>	<b>\$ 1,312,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 13,079,000</b>

## Public Utilities

### Seismic Upgrades / AKB00004

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2021	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

### Water - Distribution Sys - Distribution

**Description:** This annual allocation provides for seismic retrofits and upgrades to existing facilities to protect the water system in case of an earthquake.

**Justification:** Many existing facilities throughout the City have serious structural and seismic deficiencies. This annual allocation provides funding to upgrade these facilities to meet current compliance requirements and guidelines. This project allows City crews the ability to rapidly restore water services to affected areas after a large earthquake.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects are scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$50,000 over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014							Unidentified Funding	Project Total	
				FY 2014	Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY			
Water Utility - CIP Funding Source	700010	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
<b>Total</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>



## Public Utilities

### Sewer Main Replacements / AJA00001

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2020	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation provides for the replacement of deteriorated and undersized sewer mains at various locations within the Municipal Wastewater System.

**Justification:** This annual allocation provides for the replacement of sewer mains that are in a deteriorated condition or are undersized.

**Operating Budget Impact:** None.

### Wastewater - Collection Sys - Main

**Relationship to General and Community Plans:** This project is consistent with the applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$17 million over last fiscal year due to revised requirements. Additionally, in Fiscal Year 2013 Council approved the deappropriation of \$12.0 million (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 24,304,283	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,304,283
Muni Sewer Utility - CIP Funding Source	700008	71,483,011	20,773,712	23,000,000	-	50,000,000	44,000,000	30,000,000	45,000,000	42,000,000	-	326,256,723
Municipal Sewer Revenue Fund	700000	18,189,974	(3)	-	-	-	-	-	-	-	-	18,189,971
<b>Total</b>		<b>\$ 113,977,267</b>	<b>\$ 20,773,709</b>	<b>\$ 23,000,000</b>	<b>\$ -</b>	<b>\$ 50,000,000</b>	<b>\$ 44,000,000</b>	<b>\$ 30,000,000</b>	<b>\$ 45,000,000</b>	<b>\$ 42,000,000</b>	<b>\$ -</b>	<b>\$ 368,750,976</b>

## Public Utilities

### South Bay Reclamation System / S00018

**Council District:** 8  
**Community Plan:** San Ysidro, Tijuana River Valley  
**Project Status:** Warranty  
**Duration:** 2002 - 2014  
**Improv Type:** Expansion

### Reclaimed Water System - Pipelines

**Priority Score:** N/A  
**Priority Category:** N/A  
**Contact Information:** Phung, Tung  
 858-292-6425  
 tphung@sandiego.gov

**Description:** This project acquires a pipeline that was installed by the Metropolitan Wastewater Department at Dairy Mart Road. It is approximately 4,145 linear feet of 30-inch diameter, ductile iron pipe, polyurethane lined and coated. A cathodic protection system is in place on this project. Subsequently, additional sub-projects will be created to form a distribution system for reclaimed water produced at the South Bay Water Reclamation Plant.

**Justification:** One of the requirements of the Ocean Pollution Reduction Act Consent Decree Agreement between the City, the State of California, and the Environmental Protection Agency is the beneficial reuse of Title 22 reclaimed water.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the San Ysidro and Tijuana River Valley Community Plans, and is in conformance with the City's General Plan.

**Schedule:** All pipelines for this project have been completed. The final phase of this project was the installation of a mag-meter assembly to facilitate recycled water billings to the Otay Water District. Project construction began in Fiscal Year 2012 and was completed in Fiscal Year 2013.

**Summary of Project Changes:** This project will be closed by the end of the fiscal year.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 1,267,002	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,267,002
Water Utility - CIP Funding Source	700010	213,361	3,652	-	-	-	-	-	-	-	-	217,013
Water Utility Operating Fund	700011	15,119	-	-	-	-	-	-	-	-	-	15,119
<b>Total</b>		<b>\$ 1,495,482</b>	<b>\$ 3,652</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,499,134</b>

## Public Utilities

### South Metro Sewer Rehabilitation Phase 3B / S00317

### Bldg - MWWD - Treatment Plants

<b>Council District:</b> 2	<b>Priority Score:</b> 90
<b>Community Plan:</b> Peninsula	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Phung, Tung
<b>Duration:</b> 2003 - 2018	858-292-6425
<b>Improv Type:</b> Replacement	tphung@sandiego.gov

**Description:** This project will rehabilitate the remaining 5,000 feet of the 108-inch pipeline from Winship Lane to Pump Station 2. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** Sections of the South Metro Interceptor have deteriorated significantly due to the corrosive effects of sewer gases over 40 years.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Peninsula Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2013 and is anticipated to be completed in Fiscal Year 2015. Construction is scheduled to begin in Fiscal Year 2016 and be completed in Fiscal Year 2018.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Metro Sewer Utility - CIP Funding Source	700009	\$ 346	\$ 157,160	\$ -	\$ -	\$ 4,857,451	\$ -	\$ 4,200,000	\$ -	\$ -	\$ -	\$ 9,214,957
<b>Total</b>		<b>\$ 346</b>	<b>\$ 157,160</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,857,451</b>	<b>\$ -</b>	<b>\$ 4,200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,214,957</b>

## Public Utilities

### South Mission Valley Trunk Sewer / S00302

### Wastewater - Collection Sys - Trunk Swr

<b>Council District:</b> 3, 7	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Mission Valley, Old San Diego	<b>Priority Category:</b> N/A
<b>Project Status:</b> Warranty	<b>Contact Information:</b> Gamboa, Wendy
<b>Duration:</b> 2001 - 2014	619-235-1971
<b>Improv Type:</b> Expansion	wgamboa@sandiego.gov

**Description:** This project provides for the installation of approximately 3,000 feet of new 36-inch trunk sewer along Interstate 8 between Taylor Street and Hotel Circle Place, and approximately 600 feet of new 24-inch trunk sewer at the Interstate 5/Interstate 8 interchange.

**Justification:** This project will increase the flow capacity of the South Mission Valley Trunk Sewer.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Mission Valley and Old San Diego Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2003 and was completed in Fiscal Year 2008. Construction began in Fiscal Year 2010 was completed in Fiscal Year 2013.

**Summary of Project Changes:** This project is complete and will be closed by the end of the year.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Historical Fund	X999	\$ 841,854	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 841,854
Muni Sewer Utility - CIP Funding Source	700008	1,732,702	258,030	-	-	-	-	-	-	-	-	1,990,732
Municipal Sewer Revenue Fund	700000	12,969,352	-	-	-	-	-	-	-	-	-	12,969,352
<b>Total</b>		<b>\$ 15,543,907</b>	<b>\$ 258,030</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,801,938</b>

## Public Utilities

### Standpipe and Reservoir Rehabilitations / ABL00001

### Bldg - Water - Standpipes

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2021	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation provides for reconstructing standpipes and reservoirs to improve operations and extend their service life.

**Relationship to General and Community Plans:** This project is in compliance with applicable community plans and is in conformance with the City's General Plan.

**Justification:** Many existing standpipes and reservoirs in the water system have deteriorated to a point where they must be reconstructed or replaced to meet the current Occupational Safety and Health Act and Environmental Protection Agency safety and water quality standards.

**Schedule:** Projects are scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$5.1 million over last fiscal year due to revised requirements.

**Operating Budget Impact:** None.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 18,072	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,072
Water Utility - CIP Funding Source	700010	6,172,015	1,127,723	2,384,688	-	10,175,000	717,482	-	1,324,147	3,080,302	-	24,981,356
Water Utility Operating Fund	700011	359,116	-	-	-	-	-	-	-	-	-	359,116
<b>Total</b>		<b>\$ 6,549,202</b>	<b>\$ 1,127,723</b>	<b>\$ 2,384,688</b>	<b>\$ -</b>	<b>\$ 10,175,000</b>	<b>\$ 717,482</b>	<b>\$ -</b>	<b>\$ 1,324,147</b>	<b>\$ 3,080,302</b>	<b>\$ -</b>	<b>\$ 25,358,544</b>

## Public Utilities

### Tierrasanta (Via Dominique) Pump Station / S12040

<b>Council District:</b> 7	<b>Priority Score:</b> 96
<b>Community Plan:</b> Tierrasanta	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2010 - 2015	619-533-4102
<b>Improv Type:</b> Expansion	hazar@sandiego.gov

### Bldg - Water - Pump Stations

**Description:** This project provides for a new station with a total pump station capacity of 13.9 million gallons per day (MGD), and 2,900 feet of 16-inch transmission mains. It will replace the existing temporary Tierrasanta Pump Station and Via Dominique Pump Station, and will serve the Tierrasanta Norte 900 Zone and the Tierrasanta 752 Zone.

**Justification:** The existing pump stations are past their useful life and are heavily deteriorated and inefficient.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This plan is consistent with the Tierrasanta Community Plan and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2013 and is scheduled to be completed in Fiscal Year 2014. Construction will begin in Fiscal Year 2014 and is scheduled to be completed in Fiscal Year 2015.

**Summary of Project Changes:** Total project cost increased by \$2.1 million due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 1,270,265	\$ 5,244,471	\$ 2,000,000	\$ -	\$ 2,713,264	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,228,000
<b>Total</b>		<b>\$ 1,270,265</b>	<b>\$ 5,244,471</b>	<b>\$ 2,000,000</b>	<b>\$ -</b>	<b>\$ 2,713,264</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 11,228,000</b>

## Public Utilities

### Torrey Pines Road/La Jolla Blvd Main Replacement / S00003

<b>Council District:</b> 1	<b>Priority Score:</b> 31
<b>Community Plan:</b> La Jolla	<b>Priority Category:</b> Low
<b>Project Status:</b> Warranty	<b>Contact Information:</b> Rubalcava, Eric
<b>Duration:</b> 2000 - 2014	858-654-4284
<b>Improv Type:</b> Replacement	erubalcava@sandiego.gov

**Description:** This project provides for the replacement of approximately 31,496 linear feet of the existing 16-inch cast iron pipe along Torrey Pines Road and La Jolla Boulevard.

**Justification:** This project is necessary to prevent water pipe breaks and to ensure a continuous water supply to the La Jolla community.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the La Jolla Community Plan and is in conformance with the City's General Plan.

**Schedule:** This project was scheduled with multiple phases. Construction of the Fay Avenue Realignment segment was completed in Fiscal Year 2002. Construction of Phase I was completed in Fiscal Year 2006. The Pacific Beach Water Main Accelerated Replacement construction was completed in Fiscal Year 2006. Phase II construction was completed in Fiscal Year 2007. Design of the La Jolla Shores Drive 16-inch Water Main Replacement (Phase III) was put on hold in Fiscal Year 2006 at 90% completion due to funding issues. In Fiscal Year 2009 the project restarted, however due to revised project requirements, the design was redone and completed in Fiscal Year 2011. Construction began in Fiscal Year 2012 and was completed in Fiscal Year 2013.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$300,000 (R-308249). This project is complete and will be closed by the end of the fiscal year.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 411,368	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	411,368
Water Utility - CIP Funding Source	700010	2,140,055	102,509	-	-	-	-	-	-	-	-	2,242,564
Water Utility Operating Fund	700011	346,428	-	-	-	-	-	-	-	-	-	346,427
<b>Total</b>		<b>\$ 2,897,851</b>	<b>\$ 102,509</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>3,000,359</b>

## Public Utilities

### USIU Trunk Sewer / S00334

**Council District:** 5, 6  
**Community Plan:** Scripps Miramar Ranch, Mira Mesa  
**Project Status:** Warranty  
**Duration:** 2002 - 2014  
**Improv Type:** Replacement

### Wastewater - Collection Sys - Trunk Swr

**Priority Score:** N/A  
**Priority Category:** N/A  
**Contact Information:** Amen, Rania  
 619-533-5492  
 ramen@sandiego.gov

**Description:** This United States International University (USIU) Trunk Sewer project provides for the replacement of the existing 2.2-mile trunk sewer. The trunk sewer starts on the west side of Interstate 15, proceeds east through Scripps/Miramar Horse Ranch and continues east on the edge of Pomerado Road to 500 feet east of Avenida Magnifica.

**Justification:** This project will provide for the upsizing of the trunk sewer to meet build-out capacity.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Scripps Miramar Ranch and Mira Mesa Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2002 and was completed in Fiscal Year 2011. Construction began in Fiscal Year 2011 and was completed in Fiscal Year 2013.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$1.0 million (R-308249). This project is complete and will be closed by the end of the year.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 2,312,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,312,050
Muni Sewer Utility - CIP Funding Source	700008	4,983,183	925,682	-	-	-	-	-	-	-	-	5,908,865
Municipal Sewer Revenue Fund	700000	1,028,262	-	-	-	-	-	-	-	-	-	1,028,262
<b>Total</b>		<b>\$ 8,323,495</b>	<b>\$ 925,682</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,249,178</b>



## Public Utilities

### University Ave Pipeline Replacement / S11021

### Water - Distribution Sys - Distribution

<b>Council District:</b> 3	<b>Priority Score:</b> 93
<b>Community Plan:</b> Uptown, Greater North Park	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 2011 - 2017	619-533-5105
<b>Improv Type:</b> Replacement	iasgharzadeh@sandiego.gov

**Description:** This project replaces 23,072 linear feet of the existing cast iron University Avenue Pipeline with a new 16-inch distribution line along the entire alignment of the pipeline. This project will connect crossing distribution lines at all intersections, and re-connect all services, including lining or sleeving of freeway crossings, where necessary.

**Justification:** Cast iron reaches of the University Avenue Pipeline are neither safe nor reliable facilities and may contribute to poor water quality. An active approach is recommended because of high risks and consequences of pipe failure. The University Avenue Pipeline was built in 1912 and lined with concrete in 1974. The replacement of cast-iron pipes is mandated by the California Department of Public Health's (CDPH) Compliance Order.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Uptown and Greater North Park Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2014. Construction is scheduled to begin in Fiscal Year 2015 and be completed in Fiscal Year 2017.

**Summary of Project Changes:** Total project cost increased by \$5.2 million due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 1,677,249	\$ 2,582,744	\$ 1,000,000	\$ -	\$ 6,000,000	\$ 3,909,803	\$ -	\$ -	\$ -	\$ -	\$ 15,169,796
Water Utility Operating Fund	700011	130,204	-	-	-	-	-	-	-	-	-	130,204
<b>Total</b>		<b>\$ 1,807,453</b>	<b>\$ 2,582,744</b>	<b>\$ 1,000,000</b>	<b>\$ -</b>	<b>\$ 6,000,000</b>	<b>\$ 3,909,803</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,300,000</b>

## Public Utilities

### Unscheduled Projects / AJA00003

### Wastewater - Collection Sys - Main

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2020	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation provides for repair and replacement of municipal sewers in need of emergency or unscheduled repairs.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Justification:** This annual allocation provides for emergency repairs and replacement of sewer pipeline to avoid failures of the Municipal Sewer System.

**Schedule:** Projects are scheduled on a priority basis.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

**Operating Budget Impact:** None.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total	
					Actual	Anticipated	FY 2015	FY 2016	FY 2017	FY 2018			Future FY
Historical Fund	X999	\$ 920,931	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	920,931
Muni Sewer Utility - CIP Funding Source	700008	6,300,542	2,210,559	-	-	2,156,088	1,179,616	-	-	-	-	-	11,846,805
Municipal Sewer Revenue Fund	700000	253,708	-	-	-	-	-	-	-	-	-	-	253,707
<b>Total</b>		<b>\$ 7,475,181</b>	<b>\$ 2,210,559</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,156,088</b>	<b>\$ 1,179,616</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>13,021,443</b>

## Public Utilities

### Upas Street Pipeline Replacement / S11022

<b>Council District:</b> 2, 3	<b>Priority Score:</b> 93
<b>Community Plan:</b> Uptown, Greater North Park, Midway - Pacific Highway	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Asgharzadeh, Iraj
<b>Duration:</b> 2011 - 2017	619-533-5105
<b>Improv Type:</b> Replacement	iasgharzadeh@sandiego.gov

**Description:** This project replaces 21,000 linear feet of existing cast iron Upas Street Pipeline with a new 16-inch and 30-inch line from 30th and Upas to Upas and Front Street. It will abandon 2,546 linear feet of existing cast iron Upas Street Pipeline from Upas and Front to West Upas and Ibis Street and replace 250 linear feet of cast iron Upas Street Pipeline with a new 8-inch line from West Upas and Ibis to West Upas and Jackdaw Street. It will also abandon 1,902 linear feet of Upas Street Pipeline from West Upas and Jackdaw to the west side of California Street and replace 249 linear feet of cast iron Upas Street Pipeline with new 16-inch lines from the Pacific Beach Pipeline west of California Street to the 12-inch connection west of Pacific Highway.

**Justification:** This project is needed because the cast iron reaches of the Upas Street Pipeline, and associated Pressure Regulating Stations, are neither safe nor reliable facilities, and may contribute to poor water quality. An active approach is recommended because of high risks and consequences of pipe failure. The Upas Street Pipeline was built in 1940. The replacement of cast iron pipes is mandated by the California Department of Public Health's (CDPH) Compliance Order.

### Water - Distribution Sys - Distribution

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Uptown, Greater North Park, and Midway-Pacific Highway Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2014. Construction is scheduled to begin in Fiscal Year 2014 and be completed in Fiscal Year 2017.

**Summary of Project Changes:** Total project cost increased by \$3.6 million due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 2,387,105	\$ 1,296,118	\$ 4,300,000	\$ -	\$ 6,500,000	\$ 5,600,000	\$ -	\$ -	\$ -	\$ -	\$ 20,083,223
Water Utility Operating Fund	700011	113,103	-	-	-	-	-	-	-	-	-	113,103
<b>Total</b>		<b>\$ 2,500,208</b>	<b>\$ 1,296,118</b>	<b>\$ 4,300,000</b>	<b>\$ -</b>	<b>\$ 6,500,000</b>	<b>\$ 5,600,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 20,196,326</b>

## Public Utilities

### Water & Sewer Group Job 816 (W) / S13015

<b>Council District:</b> 2	<b>Priority Score:</b> 90
<b>Community Plan:</b> Pacific Beach	<b>Priority Category:</b> Medium
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Garcia, Alex
<b>Duration:</b> 2013 - 2018	619-533-3634
<b>Improv Type:</b> Expansion	agarcia@sandiego.gov

**Description:** This project is in the Pacific Beach Community and provides for the replacement of 30,879 linear feet of various pipe materials and sizes consisting of three, 184 linear feet of asbestos concrete (AC) 6-inch, 8-inch, 10-inch and 16-inch pipes, 27,514 linear feet of cast iron (CI) 8-inch, 10-inch and 16-inch pipes; and 181 linear feet of polyvinyl chloride (PVC) 12-inch pipe.

**Justification:** The majority of Pacific Beach Community pipelines are made of cast iron and are due for replacement in accordance with California Department of Public Health's (CDPH) Compliance Order 04-14-96CO-022. This project is intended to reduce maintenance and improve service.

**Operating Budget Impact:** None.

### Water - Distribution Sys - Distribution

**Relationship to General and Community Plans:** This plan is consistent with the Pacific Beach Community Plan and is in conformance with the City's General Plan.

**Schedule:** Planning began in Fiscal Year 2012 and was completed in Fiscal Year 2013. Design began in Fiscal Year 2013 and is anticipated to be completed in Fiscal Year 2016. Construction is scheduled to begin in Fiscal Year 2016 and be completed in Fiscal Year 2018.

**Summary of Project Changes:** Fiscal Year 2014 funding decreased by \$1.15 million which was deferred until Fiscal Year 2017.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Actual	Anticipated	FY 2015	FY 2016	FY 2017	FY 2018		
Water Utility - CIP Funding Source	700010	\$ 95,154	\$ 404,846	\$ 650,000	\$ -	\$ 2,000,000	\$ 6,455,363	\$ 1,150,000	\$ -	\$ -	\$ -	\$ 10,755,363
<b>Total</b>		<b>\$ 95,154</b>	<b>\$ 404,846</b>	<b>\$ 650,000</b>	<b>\$ -</b>	<b>\$ 2,000,000</b>	<b>\$ 6,455,363</b>	<b>\$ 1,150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,755,363</b>

## Public Utilities

### Water CIP Reserve / S00048

<b>Council District:</b> Citywide	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> N/A
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 1999 - 2020	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This project provides for an emergency financial reserve for Water Fund capital improvement projects.

**Justification:** This reserve is required to comply with the stipulation in the Bond Counsel.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** Projects utilizing this funding source are consistent with applicable community plans and are in conformance with the City's General Plan.

**Schedule:** This reserve will be used on an as-needed basis, in conformance with Bond Counsel requirements. This reserve will be held as a continuing appropriation.

**Summary of Project Changes:** No significant change has been made to this reserve for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Water Utility - CIP Funding Source	700010	\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000
<b>Total</b>		<b>\$ -</b>	<b>\$ 5,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,000,000</b>

## Public Utilities

### Water Department Security Upgrades / S00050

### Bldg - Operations Facility / Structures

<b>Council District:</b> Citywide	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> N/A
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Azar, Hossein
<b>Duration:</b> 2001 - 2015	619-533-4102
<b>Improv Type:</b> Betterment	hazar@sandiego.gov

**Description:** This project provides for the design and installation of miscellaneous security systems at various facilities.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Justification:** This project provides for the deterrence, detection, and apprehension of unauthorized personnel, in order to maintain a safe and secure water system.

**Schedule:** Implementation began in Fiscal Year 2001 and will continue through Fiscal Year 2015.

**Operating Budget Impact:** None.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 4,483,042	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,483,042
Water Utility - CIP Funding Source	700010	6,630,313	3,792,642	-	-	-	-	-	-	-	-	10,422,955
Water Utility Operating Fund	700011	337,962	-	-	-	-	-	-	-	-	-	337,962
<b>Total</b>		<b>\$ 11,451,318</b>	<b>\$ 3,792,641</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,243,959</b>

## Public Utilities

### Water Group 787 / S11108

### Water - Distribution Sys - Distribution

<b>Council District:</b> 9	<b>Priority Score:</b> 38
<b>Community Plan:</b> Mid-City: City Heights, Mid-City: Kensington — Talmadge, Mid-City: Eastern Area	<b>Priority Category:</b> Low
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Spier, Carl
<b>Duration:</b> 2011 - 2014	619-533-5126
<b>Improv Type:</b> Replacement	cspier@sandiego.gov

**Description:** This project provides for the removal and replacement of 26,732 linear feet (5.3 miles) of 6-inch, 8-inch, 12-inch and 16-inch of cast iron mains (CI) and 1029 linear feet of asbestos concrete (AC) pipes in the 6-inch and 8-inch diameter range in the Mid-City areas of City Heights, Kensington-Talmadge and the Eastern Area communities. All of these mains are being replaced with polyvinyl chloride (PVC) pipelines.

**Justification:** Water mains require replacement due to their deteriorated condition or size limitation. The existing cast iron system is either approaching or has exceeded its expected life. The replacement of cast iron pipes is mandated by the California Department of Public Health's (CDPH) Compliance Order.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Mid-City City Heights, Kensington-Talmadge, and Eastern Area Community Plans and is in conformance with the City's General Plan.

**Schedule:** Design began in Fiscal Year 2008 and was completed in Fiscal Year 2011. Construction began in Fiscal Year 2012 and is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** In Fiscal Year 2013 Council approved the deappropriation of \$1.5 million (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014						Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY		
Water Utility - CIP Funding Source	700010	\$ 6,623,684	\$ 329,615	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,953,299
Water Utility Operating Fund	700011	782,826	-	-	-	-	-	-	-	-	-	782,826
<b>Total</b>		<b>\$ 7,406,510</b>	<b>\$ 329,615</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,736,125</b>

## Public Utilities

### Water Group Job 915 (3012) / S10123

### Water - Distribution Sys - Distribution

<b>Council District:</b> 2	<b>Priority Score:</b> N/A
<b>Community Plan:</b> Pacific Beach	<b>Priority Category:</b> N/A
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Schaar, Luis
<b>Duration:</b> 2010 - 2014	619-533-7492
<b>Improv Type:</b> Replacement	lschaar@sandiego.gov

**Description:** This project is in the Pacific Beach Community and consists of replacement of 42,020 linear feet (7.96 miles) of 8-inch and 12-inch water mains and all other work and appurtenances. It also includes installation of curb ramps and street resurfacing.

**Justification:** Water mains require replacement due to their deteriorated condition or size limitation. The existing cast-iron system is either approaching or has exceeded its expected life. The replacement of cast iron pipes is mandated by the California Department of Public Health's (CDPH) Compliance Order.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Pacific Beach Community Plan and is in conformance with the City's General Plan.

**Schedule:** The Planning phase began in Fiscal Year 2008. Construction began in Fiscal Year 2010 and is scheduled to be completed in Fiscal Year 2014.

**Summary of Project Changes:** No significant change has been made to this project for Fiscal Year 2014.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014					Future FY	Unidentified Funding	Project Total
					Anticipated	FY 2015	FY 2016	FY 2017	FY 2018			
Water Utility - CIP Funding Source	700010	\$ 8,370,026	\$ 1,607,932	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,977,958
Water Utility Operating Fund	700011	6,027,163	-	-	-	-	-	-	-	-	-	6,027,163
<b>Total</b>		<b>\$ 14,397,189</b>	<b>\$ 1,607,932</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 16,005,121</b>



## Public Utilities

### Water Main Replacements / AKB00003

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2021	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation allows for the replacement of water mains at various locations throughout the City.

**Justification:** Water mains require replacement due to their deteriorated condition or size limitation. The existing pipeline is either approaching or has exceeded its expected life. The replacement of cast iron pipes is mandated by the California Department of Public Health's (CDPH) Compliance Order.

**Operating Budget Impact:** None.

### Water - Distribution Sys - Distribution

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects are scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$28 million over last fiscal year due to revised requirements. Additionally, in Fiscal Year 2013 Council approved the deappropriation of \$5.0 million (R-308249).

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 7,023,429	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,023,429
Water Utility - CIP Funding Source	700010	89,114,532	43,540,868	12,000,000	-	45,000,000	55,000,000	55,000,000	50,000,000	50,000,000	-	399,655,400
Water Utility Operating Fund	700011	19,794,847	258,802	-	-	-	-	-	-	-	-	20,053,649
<b>Total</b>		<b>\$ 115,932,808</b>	<b>\$ 43,799,670</b>	<b>\$ 12,000,000</b>	<b>\$ -</b>	<b>\$ 45,000,000</b>	<b>\$ 55,000,000</b>	<b>\$ 55,000,000</b>	<b>\$ 50,000,000</b>	<b>\$ 50,000,000</b>	<b>\$ -</b>	<b>\$ 426,732,478</b>

## Public Utilities

### Water Pump Station Restoration / ABJ00001

### Bldg - Water - Pump Stations

<b>Council District:</b> Citywide	<b>Priority Score:</b> Annual
<b>Community Plan:</b> Citywide	<b>Priority Category:</b> Annual
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Hwang, Guann
<b>Duration:</b> 2010 - 2021	858-292-6476
<b>Improv Type:</b> Replacement	ghwang@sandiego.gov

**Description:** This annual allocation provides for replacing deteriorated pumping equipment and appurtenances or expanding pumping capacities to meet present and future water demands.

**Justification:** Many existing water pump stations have reached or exceeded their anticipated service life or demands have exceeded their maximum pumping capacity. However, because of the widely varying actual lengths of service life, scheduling for pump station restoration is difficult.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 decreased by \$6.3 million over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Water Utility - CIP Funding Source	700010	\$ 821,036	\$ 5,477,024	\$ -	\$ -	\$ 4,628,194	\$ 2,578,326	\$ 5,857,291	\$ 7,426,797	\$ 236,080	\$ -	\$ 27,024,748
Water Utility Operating Fund	700011	37,509	-	-	-	-	-	-	-	-	-	37,509
<b>Total</b>		<b>\$ 858,545</b>	<b>\$ 5,477,024</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,628,194</b>	<b>\$ 2,578,326</b>	<b>\$ 5,857,291</b>	<b>\$ 7,426,797</b>	<b>\$ 236,080</b>	<b>\$ -</b>	<b>\$ 27,062,257</b>

## Public Utilities

### Water Treatment Plants / ABI00001

**Council District:** 5, 7  
**Community Plan:** Scripps Miramar Ranch, Navajo, Non-City  
**Project Status:** Continuing  
**Duration:** 2013 - 2021  
**Improv Type:** New

### Bldg - Water - Treatment Plants

**Priority Score:** Annual  
**Priority Category:** Annual  
**Contact Information:** Hwang, Guann  
 858-292-6476  
 ghwang@sandiego.gov

**Description:** This annual allocation provides for upgrades and replacement of the treatment facilities at Alvarado, Miramar, and Otay water treatment plants.

**Justification:** These improvements are necessary to ensure a reliable water supply to the customers and for compliance with the Safe Drinking Water Act.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with applicable community plans and is in conformance with the City's General Plan.

**Schedule:** Projects will be scheduled on a priority basis.

**Summary of Project Changes:** Total budget for Fiscal Year 2014 increased by \$900,000 over last fiscal year due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014							Unidentified Funding	Project Total	
				FY 2014	Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY			
Water Utility - CIP Funding Source	700010	\$ -	\$ 100,000	\$ 1,400,000	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 2,000,000
<b>Total</b>		\$ -	\$ 100,000	\$ 1,400,000	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 2,000,000

## Public Utilities

### Wet Weather Storage Facility / S00314

### Bldg - MWWD - Administration Struct

<b>Council District:</b> 1, 2, 6	<b>Priority Score:</b> 83
<b>Community Plan:</b> University, Clairemont Mesa, Mission Bay Park, Peninsula	<b>Priority Category:</b> High
<b>Project Status:</b> Continuing	<b>Contact Information:</b> Llagas, Margaret
<b>Duration:</b> 1999 - 2017	858-654-4494
<b>Improv Type:</b> Expansion	mllagas@saniego.gov

**Description:** This project includes the implementation of the Emergency Live Stream Discharge of reclaimed water from the North City Reclamation Plant during heavy rain events to reduce the capacity demand on the downstream sewer system and facilities. This project also includes constructing a seven million gallon underground storage tank at Liberty Station to provide hydraulic relief to Pump Station 2, the South and North Metro Interceptors, and the major trunk sewers. Approximately 34 percent of all Metro Sewer Utility Fund expenditures related to this project are funded by Participating Agencies.

**Justification:** The facility will reduce the risk of potential wet weather overflows, which may be caused by the capacity limitation of Pump Station 2 during extreme rainfall events.

**Operating Budget Impact:** None.

**Relationship to General and Community Plans:** This project is consistent with the Peninsula, University, and Clairemont Mesa Community Plans, and Mission Bay Park Master Plan and is in conformance with the City's General Plan.

**Schedule:** A feasibility study for wet weather intermittent stream discharge was completed in Fiscal Year 2012. Construction of the facilities required for the wet weather intermittent stream discharge is scheduled to begin in Fiscal Year 2016 and be completed in Fiscal Year 2017.

**Summary of Project Changes:** Total project cost decreased by \$80 million due to revised requirements.

#### Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2014	FY 2014 Anticipated	FY 2015	FY 2016	FY 2017	FY 2018	Future FY	Unidentified Funding	Project Total
Historical Fund	X999	\$ 1,853,216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,853,216
Metro Sewer Utility - CIP Funding Source	700009	98,541	660,117	-	-	2,780,501	1,500,000	-	-	-	-	5,039,159
Metropolitan Sewer Utility Fund	700001	379,752	-	-	-	-	-	-	-	-	-	379,752
<b>Total</b>		<b>\$ 2,331,509</b>	<b>\$ 660,117</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,780,501</b>	<b>\$ 1,500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,272,127</b>