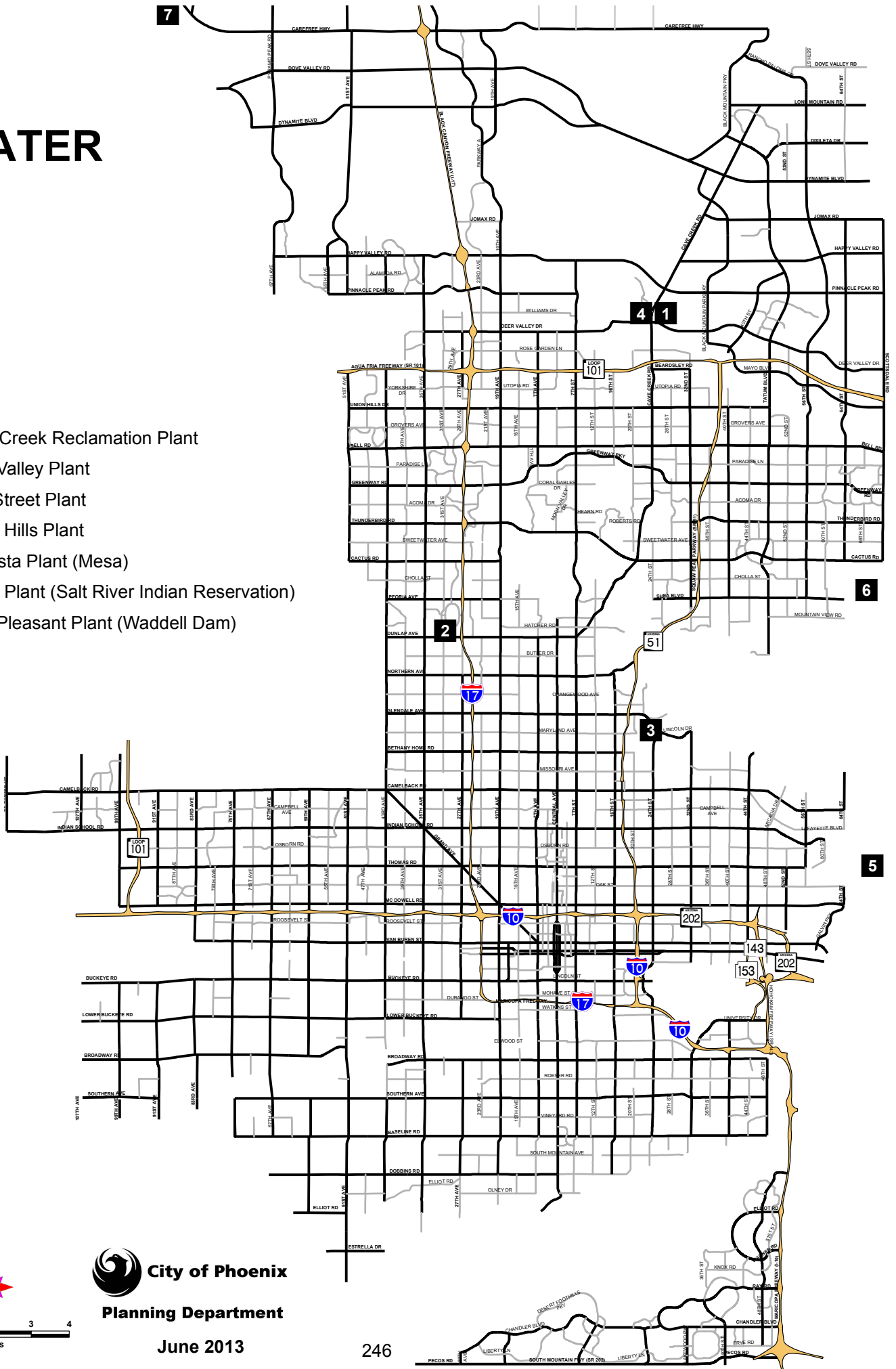


WATER

- 1** Cave Creek Reclamation Plant
- 2** Deer Valley Plant
- 3** 24th Street Plant
- 4** Union Hills Plant
- 5** Val Vista Plant (Mesa)
- 6** Verde Plant (Salt River Indian Reservation)
- 7** Lake Pleasant Plant (Waddell Dam)



City of Phoenix
Planning Department

June 2013

Water

The \$726.7 million Water program is funded with Water operating revenue, nonprofit corporation bonds, impact fees and city of Mesa participation in the Val Vista Water Treatment Plant joint venture.

Major projects include the following:

- Acquire and construct new wells and rehabilitate existing wells
- Construct new reservoirs and rehabilitate existing reservoirs and basins
- Rehabilitate existing booster stations
- Replace and rehabilitate portions of the Val Vista Transmission Main from the Val Vista Water Treatment Plant to 48th Street
- Rehabilitate the Val Vista, Deer Valley, Union Hills Water Treatment and Cave Creek Water Reclamation Plants
- Design and construct improvements for solids handling facility for Union Hills Water Treatment Plant
- Construct improvement in the energy efficiency and optimization of electrical demand as recommended in the Innovation and Efficiency Study for Water Services Department
- Construct production improvements to water treatment & reclamation plants, reservoirs, wells and booster stations such as treatment processes, chemical facilities, equipment and facility improvements
- Install new service meters and construct plumbing connections for alley service relocations
- Repair and replace leaking water services
- Construct water main improvements recommended in the integrity study and rehabilitate existing mains citywide
- Construct new mains in growth areas
- Relocate water lines for light rail northwest extension
- Replace or rehabilitate high-priority water transmission mains

- Design and construct new water mains and install new fire hydrants in the Garfield Neighborhood (7th to 16th streets and Van Buren to McDowell streets)
- Complete installation of software and hardware to automate meter reading
- Conduct various water system studies
- Construct security upgrades at remote facilities

2013-2018 CAPITAL IMPROVEMENT PROGRAM

Water
Capital Improvement Program Summary

Project Summary	2013-14	2014-15	2015-16	2016-17	2017-18	Total
24th Street Plant	1,771,000	9,420,000	450,000	450,000	2,150,000	14,241,000
Automation	8,452,254	1,887,148	1,580,148	1,580,148	770,000	14,269,698
Boosters	18,578,022	6,375,000	10,562,550	4,550,000	10,644,250	50,709,822
Buildings	1,305,000	1,080,000	1,080,000	1,080,000	-	4,545,000
Cave Creek	190,000	30,000	740,000	2,255,000	130,000	3,345,000
Deer Valley Plant	50,000	50,000	1,450,000	8,690,000	450,000	10,690,000
Production	22,980,002	12,599,240	13,478,167	13,336,278	14,174,314	76,568,001
Reclamation Facilities	-	-	-	500,000	500,000	1,000,000
Security	179,000	1,350,000	-	750,000	-	2,279,000
Storage	28,095,757	9,184,500	8,472,255	3,674,980	18,049,000	67,476,492
Union Hills Plant	263,800	24,795,500	737,000	1,505,000	9,525,000	36,826,300
Val Vista Plant	338,076	2,230,000	15,310,000	450,000	150,000	18,478,076
Water Mains	108,513,903	64,394,966	82,342,139	56,447,415	80,618,505	392,316,928
Water System Studies	-	-	5,300,000	-	-	5,300,000
Wells	6,944,200	3,755,000	4,230,000	7,521,235	2,450,000	24,900,435
Debt	500,000	-	-	-	-	500,000
Percent for Art	2,717,700	60,000	367,200	75,000	50,000	3,269,900
Total	\$200,878,714	\$137,211,354	\$146,099,459	\$102,865,056	\$139,661,069	\$726,715,652
Source of Funds						
<u>Operating Funds</u>						
Arizona Highway Users	440,000	-	-	-	-	440,000
Water Operating	172,871,234	115,331,561	112,254,078	87,229,601	134,990,614	622,677,088
Total Operating Funds	\$173,311,234	\$115,331,561	\$112,254,078	\$87,229,601	\$134,990,614	\$623,117,088
<u>Bond Funds</u>						
2006 Bonds	6,400	-	-	-	50,000	56,400
Nonprofit Corporation Bonds - Wastewater	7,780	-	-	-	-	7,780
Nonprofit Corporation Bonds - Water	3,341,920	19,942,500	26,684,334	14,451,360	3,559,090	67,979,204
Total Bond Funds	\$3,356,100	\$19,942,500	\$26,684,334	\$14,451,360	\$3,609,090	\$68,043,384
<u>Other Financing</u>						
Impact Fees	23,140,938	25,000	-	-	-	23,165,938
Other Cities' Share in Joint Ventures	1,070,442	1,912,293	7,161,047	1,184,095	1,061,365	12,389,242
Total Other Financing	\$24,211,380	\$1,937,293	\$7,161,047	\$1,184,095	\$1,061,365	\$35,555,180
Total Sources of Funds	\$200,878,714	\$137,211,354	\$146,099,459	\$102,865,056	\$139,661,069	\$726,715,652

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85290022	24TH STREET WATER TREATMENT PLANT REHABILITATION						
							Function: 24th Street Plant
	Rehabilitate plant equipment at the 24th Street Water Treatment Plant.						Strategic Plan: Infrastructure
							District: 6
Other		318,000	500,000	400,000	400,000	250,000	1,868,000
Design		900,000	900,000	-	-	1,500,000	3,300,000
Construction		-	8,000,000	-	-	-	8,000,000
Project Total		\$1,218,000	\$9,400,000	\$400,000	\$400,000	\$1,750,000	\$13,168,000
Water Revenues		1,218,000	9,400,000	400,000	400,000	1,750,000	13,168,000
Funding Total		\$1,218,000	\$9,400,000	\$400,000	\$400,000	\$1,750,000	\$13,168,000
WS85290023	24TH STREET WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION						
							Function: 24th Street Plant
	Provide on call inspection services for instrumentation and control projects at the 24th Street Water Treatment Plant.						Strategic Plan: Infrastructure
							District: 6
Other		14,000	20,000	50,000	50,000	50,000	184,000
Design		300,000	-	-	-	350,000	650,000
Project Total		\$314,000	\$20,000	\$50,000	\$50,000	\$400,000	\$834,000
Water Revenues		314,000	20,000	50,000	50,000	400,000	834,000
Funding Total		\$314,000	\$20,000	\$50,000	\$50,000	\$400,000	\$834,000
WS85290024	24TH STREET WATER TREATMENT PLANT OPTIMIZATION/IMPROVEMENTS						
							Function: 24th Street Plant
	Construct improvements to optimize the treatment process at the 24th Street Water Treatment Plant.						Strategic Plan: Infrastructure
	Estimated full-year ongoing operating costs: \$80,000						District: 6
Other		181,000	-	-	-	-	181,000
Project Total		\$181,000	-	-	-	-	\$181,000
Water Revenues		181,000	-	-	-	-	181,000
Funding Total		\$181,000	-	-	-	-	\$181,000
WS85290028	ENGINEERED BIO-FILTRATION FULL SCALE DEMONSTRATION STUDY						
							Function: 24th Street Plant
	Construct a temporary chemical feed system and test five of the sixteen filters at 24th St Water Treatment Plant.						Strategic Plan: Infrastructure
							District: 6
Other		58,000	-	-	-	-	58,000
Project Total		\$58,000	-	-	-	-	\$58,000
Nonprofit Corporation Bonds - Water		58,000	-	-	-	-	58,000
Funding Total		\$58,000	-	-	-	-	\$58,000
WS85660003	CUSTOMER INFORMATION SYSTEM UPGRADE						
							Function: Automation
	Upgrade the Customer Information System (CIS) billing system.						Strategic Plan: Innovation and Efficiency
							District: Citywide
Equipment		43,802	-	-	-	-	43,802
Project Total		\$43,802	-	-	-	-	\$43,802
Water Revenues		43,802	-	-	-	-	43,802
Funding Total		\$43,802	-	-	-	-	\$43,802

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85660015	AUTOCAD SERVICES						
	Develop AutoCAD as-built drawings for all facilities.						
	Estimated full-year ongoing operating costs: \$80,000						
	Equipment	438,698	250,000	-	-	-	688,698
	Project Total	\$438,698	\$250,000	-	-	-	\$688,698
	Water Revenues	438,698	250,000	-	-	-	688,698
	Funding Total	\$438,698	\$250,000	-	-	-	\$688,698
WS85660024	AUTOMATIC METER READING SYSTEM						
	Acquire software and hardware and install transmitter devices in two-man crew vaulted meters.						
	Estimated full-year ongoing operating costs: \$20,000						
	Equipment	3,369,108	1,580,148	1,580,148	1,580,148	-	8,109,552
	Project Total	\$3,369,108	\$1,580,148	\$1,580,148	\$1,580,148	-	\$8,109,552
	Water Revenues	3,369,108	1,580,148	1,580,148	1,580,148	-	8,109,552
	Funding Total	\$3,369,108	\$1,580,148	\$1,580,148	\$1,580,148	-	\$8,109,552
WS85660037	SYSTEM CONSOLIDATION - COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS)						
	Install and configure a single software system to consolidate all work order and asset management activities and eliminate existing duplicate systems.						
	Study	125,000	-	-	-	100,000	225,000
	Other	189,150	57,000	-	-	100,000	346,150
	Equipment	-	-	-	-	570,000	570,000
	Design	550,596	-	-	-	-	550,596
	Project Total	\$864,746	\$57,000	-	-	\$770,000	\$1,691,746
	Water Revenues	864,746	57,000	-	-	770,000	1,691,746
	Funding Total	\$864,746	\$57,000	-	-	\$770,000	\$1,691,746
WS85660039	ELECTRONIC BILLING CONSOLIDATION						
	Complete consolidation of E-billing services to customers that would interface with the Customer Care and Billing System.						
	Equipment	157,500	-	-	-	-	157,500
	Project Total	\$157,500	-	-	-	-	\$157,500
	Water Revenues	157,500	-	-	-	-	157,500
	Funding Total	\$157,500	-	-	-	-	\$157,500
WS85660040	INTERACTIVE VOICE RESPONSE REPLACEMENT						
	Replace current base telephony Interactive Voice Response (IVR) system.						
	Equipment	298,400	-	-	-	-	298,400
	Project Total	\$298,400	-	-	-	-	\$298,400
	Water Revenues	298,400	-	-	-	-	298,400
	Funding Total	\$298,400	-	-	-	-	\$298,400

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85660041	CUSTOMER CARE & BILLING (CC&B) UPGRADE						
	Upgrade the City's Utility Billing system (CC&B) to optimize the business processes.						
							Function: Automation
							Strategic Plan: Infrastructure
							District: Citywide
Study		77,000	-	-	-	-	77,000
Other		1,225,000	-	-	-	-	1,225,000
Equipment		206,000	-	-	-	-	206,000
Design		1,772,000	-	-	-	-	1,772,000
Project Total		\$3,280,000	-	-	-	-	\$3,280,000
Water Revenues		3,280,000	-	-	-	-	3,280,000
Funding Total		\$3,280,000	-	-	-	-	\$3,280,000
WS85100031	BOOSTER PROCESS CONTROL OPTIMIZATION						
	Implement process control optimization for booster pump station facilities.						
							Function: Boosters
							Strategic Plan: Infrastructure
							District: Citywide
Other		183,688	-	136,000	-	136,000	455,688
Equipment		188,580	-	217,350	-	230,250	636,180
Design		251,440	-	289,800	-	307,000	848,240
Construction		754,314	-	869,400	-	921,000	2,544,714
Project Total		\$1,378,022	-	\$1,512,550	-	\$1,594,250	\$4,484,822
Water Revenues		1,378,022	-	1,512,550	-	1,594,250	4,484,822
Funding Total		\$1,378,022	-	\$1,512,550	-	\$1,594,250	\$4,484,822
WS85100032	BOOSTER PUMP STATION REPLACEMENT PROGRAM						
	Design improvements to booster pump station facilities.						
							Function: Boosters
							Strategic Plan: Infrastructure
							District: Citywide
Other		85,000	500,000	500,000	500,000	500,000	2,085,000
Land Acquisition		-	1,000,000	-	-	-	1,000,000
Design		75,000	1,125,000	1,050,000	1,050,000	1,050,000	4,350,000
Construction		-	3,750,000	7,500,000	3,000,000	7,500,000	21,750,000
Project Total		\$160,000	\$6,375,000	\$9,050,000	\$4,550,000	\$9,050,000	\$29,185,000
Water Revenues		160,000	6,375,000	9,050,000	4,550,000	9,050,000	29,185,000
Funding Total		\$160,000	\$6,375,000	\$9,050,000	\$4,550,000	\$9,050,000	\$29,185,000
WS85100034	BOOSTER STATION 3B-B1 -64TH ST & THOMAS						
	Design and construct replacement of the existing booster pump station at 64th St. Reservoir (64th St and Thomas) Outside City Limits.						
							Function: Boosters
							Strategic Plan: Infrastructure
							District: Citywide
Other		95,000	-	-	-	-	95,000
Design		762,500	-	-	-	-	762,500
Construction		7,475,000	-	-	-	-	7,475,000
Project Total		\$8,332,500	-	-	-	-	\$8,332,500
Water Revenues		8,332,500	-	-	-	-	8,332,500
Funding Total		\$8,332,500	-	-	-	-	\$8,332,500

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85100035	BOOSTER PUMP REPL 3B-B2 -24TH ST WTP						
	Design replacement of the existing booster pump station at the 24th St Water Treatment Plant.						
							Function: Boosters
							Strategic Plan: Infrastructure
							District: 6
Other		95,000	-	-	-	-	95,000
Design		762,500	-	-	-	-	762,500
Construction		7,475,000	-	-	-	-	7,475,000
Project Total		\$8,332,500	-	-	-	-	\$8,332,500
Water Revenues		8,332,500	-	-	-	-	8,332,500
Funding Total		\$8,332,500	-	-	-	-	\$8,332,500
WS85100037	BOOSTER PUMP STATION (BPS) 2C-B1 AT 64TH ST & THOMAS RD						
	Design and construct replacement of Booster Pump Station 2C-B1.						
							Function: Boosters
							Strategic Plan: Infrastructure
							District: Citywide
Design		375,000	-	-	-	-	375,000
Project Total		\$375,000	-	-	-	-	\$375,000
Water Revenues		375,000	-	-	-	-	375,000
Funding Total		\$375,000	-	-	-	-	\$375,000
WS85450010	CORONA YARD CONSTRUCTION						
	Construct a new maintenance facility at 9th Street and Broadway Road.						
							Function: Buildings
							Strategic Plan: Infrastructure
							District: 8
Construction		50,000	-	-	-	-	50,000
Project Total		\$50,000	-	-	-	-	\$50,000
Water Revenues		50,000	-	-	-	-	50,000
Funding Total		\$50,000	-	-	-	-	\$50,000
WS85450021	ENERGY MANAGEMENT PROGRAM						
	Study and construct improvement in the energy efficiency and optimization of electrical demand as recommended in the Innovation and Efficiency Study for the Water Services Department.						
							Function: Buildings
							Strategic Plan: Innovation and Efficiency
							District: Citywide
Study		150,000	150,000	150,000	150,000	-	600,000
Other		630,000	630,000	630,000	630,000	-	2,520,000
Equipment		400,000	300,000	300,000	300,000	-	1,300,000
Construction		75,000	-	-	-	-	75,000
Project Total		\$1,255,000	\$1,080,000	\$1,080,000	\$1,080,000	-	\$4,495,000
Water Revenues		1,255,000	1,080,000	1,080,000	1,080,000	-	4,495,000
Funding Total		\$1,255,000	\$1,080,000	\$1,080,000	\$1,080,000	-	\$4,495,000
WS85080011	CAVE CREEK WATER RECLAMATION PLANT (WRP) PLANT REHABILITATION PROJECT						
	Staff time to manage the rehabilitation of the Cave Creek Water Treatment Plant equipment and systems.						
							Function: Cave Creek
							Strategic Plan: Infrastructure
							District: 2
Other		-	-	210,000	225,000	100,000	535,000
Design		-	-	350,000	180,000	-	530,000
Construction		-	-	-	1,820,000	-	1,820,000
Project Total		-	-	\$560,000	\$2,225,000	\$100,000	\$2,885,000
Water Revenues		-	-	560,000	2,225,000	100,000	2,885,000
Funding Total		-	-	\$560,000	\$2,225,000	\$100,000	\$2,885,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85080014	CAVE CREEK WATER RECLAMATION PLANT INSTRUMENTATION AND CONTROL INSPECTION SERVICES						
							Function: Cave Creek
	Provide inspection and testing services for instrumentation and control projects at the Cave Creek Water Reclamation Plant.						Strategic Plan: Infrastructure
							District: 2
Other		30,000	30,000	30,000	30,000	30,000	150,000
Design		160,000	-	150,000	-	-	310,000
Project Total		\$190,000	\$30,000	\$180,000	\$30,000	\$30,000	\$460,000
Water Revenues		190,000	30,000	180,000	30,000	30,000	460,000
Funding Total		\$190,000	\$30,000	\$180,000	\$30,000	\$30,000	\$460,000
WS85260023	DEER VALLEY WATER TREATMENT PLANT REHABILITATION						
							Function: Deer Valley Plant
	Rehabilitate Deer Valley Water Treatment Plant equipment.						Strategic Plan: Infrastructure
							District: 1
Other		-	-	225,000	440,000	400,000	1,065,000
Design		-	-	875,000	700,000	-	1,575,000
Construction		-	-	-	7,500,000	-	7,500,000
Project Total		-	-	\$1,100,000	\$8,640,000	\$400,000	\$10,140,000
Water Revenues		-	-	1,100,000	-	-	1,100,000
Nonprofit Corporation Bonds - Water		-	-	-	8,640,000	400,000	9,040,000
Funding Total		-	-	\$1,100,000	\$8,640,000	\$400,000	\$10,140,000
WS85260024	DEER VALLEY WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION SERVICES						
							Function: Deer Valley Plant
	Provide on call inspection services for instrumentation and control projects at the Deer Valley Water Treatment Plant.						Strategic Plan: Infrastructure
							District: 1
Other		50,000	50,000	50,000	50,000	50,000	250,000
Design		-	-	300,000	-	-	300,000
Project Total		\$50,000	\$50,000	\$350,000	\$50,000	\$50,000	\$550,000
Water Revenues		50,000	50,000	350,000	50,000	50,000	550,000
Funding Total		\$50,000	\$50,000	\$350,000	\$50,000	\$50,000	\$550,000
WS85400001	PRODUCTION REPLACEMENT FUND						
							Function: Production
	Construct improvements to water treatment plants and reservoirs (excludes the Val Vista Water Treatment Plant) such as treatment processes, chemical facilities, equipment and facility improvements.						Strategic Plan: Infrastructure
							District: Citywide
Other		464,000	400,000	400,000	400,000	400,000	2,064,000
Equipment		3,750,000	4,400,000	4,700,000	5,000,000	5,250,000	23,100,000
Project Total		\$4,214,000	\$4,800,000	\$5,100,000	\$5,400,000	\$5,650,000	\$25,164,000
Water Revenues		4,214,000	4,800,000	5,100,000	5,400,000	5,650,000	25,164,000
Funding Total		\$4,214,000	\$4,800,000	\$5,100,000	\$5,400,000	\$5,650,000	\$25,164,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85400002	PRODUCTION REPLACEMENT VAL VISTA WATER TREATMENT PLANT						
							Function: Production
	Construct improvements at the Val Vista Water Treatment Plant such as treatment processes, chemical facilities, equipment and facility improvements.						Strategic Plan: Infrastructure
							District: Citywide
Other		117,000	150,000	150,000	150,000	150,000	717,000
Equipment		1,067,996	740,590	1,308,167	1,386,278	1,469,314	5,972,345
Construction		712,400	493,650	-	-	-	1,206,050
Project Total		\$1,897,396	\$1,384,240	\$1,458,167	\$1,536,278	\$1,619,314	\$7,895,395
Val Vista WTP - Capital Outlay		1,897,396	1,384,240	1,458,167	1,536,278	1,619,314	7,895,395
Funding Total		\$1,897,396	\$1,384,240	\$1,458,167	\$1,536,278	\$1,619,314	\$7,895,395
WS85400007	REMOTE FACILITIES REPLACEMENT FUND						
	Construct improvements to wells and booster pump stations.						Function: Production
							Strategic Plan: Infrastructure
							District: Citywide
Other		215,000	430,000	500,000	-	500,000	1,645,000
Equipment		2,580,000	2,670,000	6,000,000	6,000,000	6,000,000	23,250,000
Design		300,000	400,000	-	-	-	700,000
Construction		1,925,000	2,500,000	-	-	-	4,425,000
Project Total		\$5,020,000	\$6,000,000	\$6,500,000	\$6,000,000	\$6,500,000	\$30,020,000
Water Revenues		5,020,000	6,000,000	6,500,000	6,000,000	6,500,000	30,020,000
Funding Total		\$5,020,000	\$6,000,000	\$6,500,000	\$6,000,000	\$6,500,000	\$30,020,000
WS85400011	INSTRUMENTATION AND CONTROL INSPECTION AND TESTING SERVICES						
	Provide instrumentation, control inspection and testing support for Water Distribution projects.						Function: Production
							Strategic Plan: Infrastructure
							District: Citywide
Other		120,000	30,000	30,000	-	-	180,000
Design		434,500	385,000	390,000	400,000	405,000	2,014,500
Project Total		\$554,500	\$415,000	\$420,000	\$400,000	\$405,000	\$2,194,500
Water Revenues		554,500	415,000	420,000	400,000	405,000	2,194,500
Funding Total		\$554,500	\$415,000	\$420,000	\$400,000	\$405,000	\$2,194,500
WS85400013	ACQUIRE ADDITIONAL WATER RESOURCES						
	Acquire Water Rights and develop infrastructure for growth-related improvements in accordance with the Water Resource Acquisition Fee Plan.						Function: Production
							Strategic Plan: Infrastructure
							District: Citywide
Design		11,294,106	-	-	-	-	11,294,106
Project Total		\$11,294,106	-	-	-	-	\$11,294,106
Water Resources Acquisition Fee		11,294,106	-	-	-	-	11,294,106
Funding Total		\$11,294,106	-	-	-	-	\$11,294,106
WS85550011	PARTICIPATION WITH DEVELOPERS RECLAIMED WATER FACILITIES						
	Complete participation with developers to construct reclaimed water facilities.						Function: Reclamation Facilities
							Strategic Plan: Infrastructure
							District: Citywide
Construction		-	-	-	500,000	500,000	1,000,000
Project Total		-	-	-	\$500,000	\$500,000	\$1,000,000
Water Revenues		-	-	-	500,000	500,000	1,000,000
Funding Total		-	-	-	\$500,000	\$500,000	\$1,000,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85800005	SECURITY PROJECTS FOR REMOTE FACILITIES						
Construct security projects for remote facilities as recommended by the Security Master Plan.							Function: Security
							Strategic Plan: Infrastructure
							District: Citywide
Other		36,000	126,125	-	126,125	-	288,250
Design		-	100,000	-	100,000	-	200,000
Construction		100,000	523,875	-	523,875	-	1,147,750
Project Total		\$136,000	\$750,000	-	\$750,000	-	\$1,636,000
Water Revenues		136,000	750,000	-	-	-	886,000
Nonprofit Corporation Bonds - Water		-	-	-	750,000	-	750,000
Funding Total		\$136,000	\$750,000	-	\$750,000	-	\$1,636,000
WS85800007	REAL TIME WATER QUALITY MONITORING						
Perform real time monitoring of water quality in canals and the distribution system.							Function: Security
Estimated full-year ongoing operating costs: \$40,000							Strategic Plan: Technology
							District: Citywide
Other		43,000	50,000	-	-	-	93,000
Design		-	550,000	-	-	-	550,000
Project Total		\$43,000	\$600,000	-	-	-	\$643,000
Water Revenues		43,000	600,000	-	-	-	643,000
Funding Total		\$43,000	\$600,000	-	-	-	\$643,000
WS85050008	LONE MOUNTAIN RESERVOIR						
Construct a 3 million gallon reservoir at 56th Street and Lone Mountain Road to serve zone 8.							Function: Storage
Estimated full-year ongoing operating costs: \$10,000							Strategic Plan: Infrastructure
							District: 2
Other		39,000	-	-	-	-	39,000
Project Total		\$39,000	-	-	-	-	\$39,000
Impact Fee - Northern Water		39,000	-	-	-	-	39,000
Funding Total		\$39,000	-	-	-	-	\$39,000
WS85050015	56TH STREET AND PINNACLE PEAK RESERVOIR						
Complete construction of a 10 million gallon reservoir at 56th Street and Pinnacle Peak Road (Zone 5NE).							Function: Storage
Estimated full-year ongoing operating costs: \$130,000							Strategic Plan: Infrastructure
							District: 2
Other		39,000	25,000	-	-	-	64,000
Project Total		\$39,000	\$25,000	-	-	-	\$64,000
Impact Fee - Northern Water		39,000	25,000	-	-	-	64,000
Funding Total		\$39,000	\$25,000	-	-	-	\$64,000
WS85050016	19TH AVENUE AND DYNAMITE ROAD RESERVOIR						
Design and construct a 10 million gallon reservoir at 19th Avenue and Dynamite Road (Zone 5NW).							Function: Storage
Estimated full-year ongoing operating costs: \$10,000							Strategic Plan: Infrastructure
							District: 2
Other		-	-	73,745	34,980	600,000	708,725
Design		-	-	1,148,510	-	-	1,148,510
Construction		-	-	-	-	14,284,000	14,284,000
Project Total		-	-	\$1,222,255	\$34,980	\$14,884,000	\$16,141,235
Water Revenues		-	-	-	-	5,025,000	5,025,000
Water Development Occupational Fee		-	-	1,222,255	34,980	9,859,000	11,116,235
Funding Total		-	-	\$1,222,255	\$34,980	\$14,884,000	\$16,141,235

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85050043	HEDGEPEETH HILLS RESERVOIR @ 21020 N 47TH AVE						
							Function: Storage
	Rehabilitate roof and miscellaneous repairs to the 15 million gallon reservoir 3D-ES1. The reservoir is a reinforced concrete structure which stores potable water to the City of Phoenix Pressure Zone 3D.						Strategic Plan: Infrastructure
							District: 1
Other		43,000	-	-	-	-	43,000
Project Total		\$43,000	-	-	-	-	\$43,000
Water Revenues		43,000	-	-	-	-	43,000
Funding Total		\$43,000	-	-	-	-	\$43,000
WS85050044	SHADOW MTN RESERVOIR @ 14201 N CAVE CREEK RD.						
							Function: Storage
	Rehabilitate roof and miscellaneous repairs to the 10 million gallon reservoir 4A-ES3. The reservoir is a reinforced concrete structure which stores potable water to the City of Phoenix Pressure Zone 4A.						Strategic Plan: Infrastructure
							District: 3
Other		85,000	-	-	-	-	85,000
Project Total		\$85,000	-	-	-	-	\$85,000
Water Revenues		85,000	-	-	-	-	85,000
Funding Total		\$85,000	-	-	-	-	\$85,000
WS85050045	DEER VALLEY WTP RESERVOIR NO. 1 REPLACEMENT						
							Function: Storage
	Demolish and replace the failed Reservoir No.1. Construct a new 20M gallon concrete reservoir at Deer Valley Water Treatment Plant.						Strategic Plan: Infrastructure
							District: 1
Other		333,000	-	-	-	-	333,000
Design		2,100,000	-	-	-	-	2,100,000
Construction		19,683,257	-	-	-	-	19,683,257
Project Total		\$22,116,257	-	-	-	-	\$22,116,257
Water Revenues		22,116,257	-	-	-	-	22,116,257
Funding Total		\$22,116,257	-	-	-	-	\$22,116,257
WS85320012	UNION HILLS WATER TREATMENT PLANT DISINFECTION BY PRODUCT MITIGATION IMPROVEMENTS						
							Function: Union Hills Plant
	Complete construction and implementation of various treatment and operational strategies to meet the Stage-2 Disinfection By-Product Rule.						Strategic Plan: Infrastructure
	Estimated full-year ongoing operating costs: \$500,000						District: 2
Other		14,000	-	-	-	-	14,000
Project Total		\$14,000	-	-	-	-	\$14,000
Water Revenues		14,000	-	-	-	-	14,000
Funding Total		\$14,000	-	-	-	-	\$14,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85320018	UNION HILLS WATER TREATMENT PLANT REHABILITATION PROJECT						
							Function: Union Hills Plant
	Design and construct rehabilitation requirements for large pumps and motors, electrical and control panels, above ground piping manifolds, sludge collection equipment and concrete structures.						Strategic Plan: Infrastructure
							District: 2
Other		-	-	-	255,000	475,000	730,000
Design		-	-	-	900,000	800,000	1,700,000
Construction		-	-	-	-	8,200,000	8,200,000
Project Total		-	-	-	\$1,155,000	\$9,475,000	\$10,630,000
Water Revenues		-	-	-	1,155,000	9,475,000	10,630,000
Funding Total		-	-	-	\$1,155,000	\$9,475,000	\$10,630,000
WS85320019	UNION HILLS WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION SERVICES						
							Function: Union Hills Plant
	Provide on call inspection services for instrumentation and control projects at the Union Hills Water Treatment Plant.						Strategic Plan: Infrastructure
							District: 2
Other		14,000	20,000	20,000	50,000	50,000	154,000
Design		800	-	200,000	300,000	-	500,800
Project Total		\$14,800	\$20,000	\$220,000	\$350,000	\$50,000	\$654,800
Water Revenues		14,800	20,000	220,000	350,000	50,000	654,800
Funding Total		\$14,800	\$20,000	\$220,000	\$350,000	\$50,000	\$654,800
WS85320022	UNION HILLS WATER TREATMENT PLANT SOLIDS HANDLING FACILITY IMPROVEMENT						
							Function: Union Hills Plant
	Design and construct improvements to the Union Hills Water Treatment Plant solids flow stream processes.						Strategic Plan: Infrastructure
	Estimated full-year ongoing operating costs: \$400,000						District: 2
Other		235,000	750,000	517,000	-	-	1,502,000
Design		-	2,800,000	-	-	-	2,800,000
Construction		-	21,225,500	-	-	-	21,225,500
Project Total		\$235,000	\$24,775,500	\$517,000	-	-	\$25,527,500
Water Revenues		235,000	11,815,500	517,000	-	-	12,567,500
Nonprofit Corporation Bonds - Water		-	12,960,000	-	-	-	12,960,000
Funding Total		\$235,000	\$24,775,500	\$517,000	-	-	\$25,527,500
WS85230023	VAL VISTA WATER TREATMENT PLANT INSTRUMENTATION AND CONTROL INSPECTION SERVICES						
							Function: Val Vista Plant
	Provide on call inspection services for instrumentation and control projects at the Val Vista Water Treatment Plant.						Strategic Plan: Infrastructure
							District: Citywide
Other		43,000	50,000	50,000	50,000	50,000	243,000
Design		-	500,000	-	-	-	500,000
Project Total		\$43,000	\$550,000	\$50,000	\$50,000	\$50,000	\$743,000
Water Revenues		25,400	324,995	29,545	29,545	29,545	439,030
Val Vista WTP City of Mesa		17,600	225,005	20,455	20,455	20,455	303,970
Funding Total		\$43,000	\$550,000	\$50,000	\$50,000	\$50,000	\$743,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85230040	VAL VISTA WATER TREATMENT PLANT REHABILITATION						
							Function: Val Vista Plant
	Design and construct additional rehabilitation of the Val Vista Treatment Plant.						Strategic Plan: Infrastructure
							District: Citywide
Other		-	180,000	460,000	400,000	100,000	1,140,000
Design		-	1,500,000	1,400,000	-	-	2,900,000
Construction		-	-	13,400,000	-	-	13,400,000
Project Total		-	\$1,680,000	\$15,260,000	\$400,000	\$100,000	\$17,440,000
Water Revenues		-	992,712	-	-	-	992,712
Val Vista WTP City of Mesa		-	687,288	6,242,866	163,640	40,910	7,134,704
Nonprofit Corporation Bonds - Water		-	-	9,017,134	236,360	59,090	9,312,584
Funding Total		-	\$1,680,000	\$15,260,000	\$400,000	\$100,000	\$17,440,000
WS85230046	VAL VISTA WATER TREATMENT PLANT - MESA FLOW						
							Function: Val Vista Plant
	Design and Construct improvements at the Val Vista Water Treatment Plant to divert the Mesa Flow share into Reservoir #1.						Strategic Plan: Infrastructure
							District: Citywide
Other		166,000	-	-	-	-	166,000
Project Total		\$166,000	-	-	-	-	\$166,000
Water Revenues		166,000	-	-	-	-	166,000
Funding Total		\$166,000	-	-	-	-	\$166,000
WS85230047	WORK ORDER & ASSET MANAGEMENT PHASE II						
							Function: Val Vista Plant
	Install and configure a single software system to consolidate all Work Order & Asset Management (WOAM) activities and eliminate existing duplicate systems.						Strategic Plan: Infrastructure
							District: Citywide
Design		52,842	-	-	-	-	52,842
Construction		76,234	-	-	-	-	76,234
Project Total		\$129,076	-	-	-	-	\$129,076
Water Revenues		76,234	-	-	-	-	76,234
Val Vista WTP City of Mesa		52,842	-	-	-	-	52,842
Funding Total		\$129,076	-	-	-	-	\$129,076
WS85500053	CONSTRUCTION CONTINGENCY						
							Function: Water Mains
	Construction contingency for change orders, inflationary increases and other unexpected costs.						Strategic Plan: Infrastructure
							District: Citywide
Other		1,786,500	2,620,800	1,947,000	4,089,765	1,834,040	12,278,105
Construction		1,997,858	4,170,535	5,619,523	1,040,843	9,062,465	21,891,224
Project Total		\$3,784,358	\$6,791,335	\$7,566,523	\$5,130,608	\$10,896,505	\$34,169,329
Water Revenues		2,407,458	4,855,335	5,318,797	2,630,608	8,896,505	24,108,703
Water Development Occupational Fee		376,900	936,000	1,350,000	1,500,000	1,000,000	5,162,900
Val Vista WTP City of Mesa		1,000,000	1,000,000	897,726	1,000,000	1,000,000	4,897,726
Funding Total		\$3,784,358	\$6,791,335	\$7,566,523	\$5,130,608	\$10,896,505	\$34,169,329

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85500310	LOWER CAMELBACK EAST RESIDENTIAL PRESSURE IMPROVEMENTS						
	Complete construction improvements to the water distribution system to increase capacity in the lower Camelback east residential corridor.						
	Estimated full-year ongoing operating costs: \$50,000						
							District: 6
	Other	157,500	-	-	-	800,000	957,500
	Project Total	\$157,500	-	-	-	\$800,000	\$957,500
	Water Revenues	157,500	-	-	-	800,000	957,500
	Funding Total	\$157,500	-	-	-	\$800,000	\$957,500
WS85500320	VALVE ASSESSMENT PROJECT						
	Construct, repair and replace valves and conduct routine maintenance.						
							District: Citywide
	Other	100,000	60,000	60,000	100,000	100,000	420,000
	Construction	397,000	470,000	470,000	450,000	465,000	2,252,000
	Project Total	\$497,000	\$530,000	\$530,000	\$550,000	\$565,000	\$2,672,000
	Water Revenues	497,000	-	-	-	565,000	1,062,000
	Nonprofit Corporation Bonds - Water	-	530,000	530,000	550,000	-	1,610,000
	Funding Total	\$497,000	\$530,000	\$530,000	\$550,000	\$565,000	\$2,672,000
WS85500325	WATER MAIN: AREA BOUNDED BY 24TH ST / SWEETWATER AVE TO THUNDERBIRD RD						
	Design and construct 10,740 linear feet of New Main, 9 Cut & Plugs and 19 new Fire Hydrants.						
							District: 3
	Other	1,485,000	-	-	-	-	1,485,000
	Construction	100,000	-	-	-	-	100,000
	Project Total	\$1,585,000	-	-	-	-	\$1,585,000
	Water Revenues	1,585,000	-	-	-	-	1,585,000
	Funding Total	\$1,585,000	-	-	-	-	\$1,585,000
WS85500330	LIGHT RAIL NW EXTENSION WATER RELOCATIONS						
	Design and replace aging waterlines along the Light Rail northwest extension.						
							District: 3, 4 & 5
	Other	30,000	50,000	1,007,500	-	-	1,087,500
	Design	-	-	300,000	-	-	300,000
	Construction	5,625,000	1,875,000	10,162,500	-	-	17,662,500
	Project Total	\$5,655,000	\$1,925,000	\$11,470,000	-	-	\$19,050,000
	Water Revenues	5,655,000	1,875,000	-	-	-	7,530,000
	Nonprofit Corporation Bonds - Water	-	50,000	11,470,000	-	-	11,520,000
	Funding Total	\$5,655,000	\$1,925,000	\$11,470,000	-	-	\$19,050,000
WS85500336	WATER MAIN: AREA BOUNDED BY 12TH STREET TO 16TH STREET/OAK TO THOMAS						
	Complete construction of over 29,000 linear feet of water mains and install 42 fire hydrants.						
							District: 4
	Other	63,000	-	-	-	-	63,000
	Design	150,000	-	-	-	-	150,000
	Project Total	\$213,000	-	-	-	-	\$213,000
	Water Revenues	213,000	-	-	-	-	213,000
	Funding Total	\$213,000	-	-	-	-	\$213,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85500345	WESTERN CANAL WATER TREATMENT PLANT TRANSMISSION MAINS						
							Function: Water Mains
	Construct transmission mains from the new Western Canal Water Treatment Plant.						Strategic Plan: Infrastructure District: 7
Other		-	-	-	-	100,000	100,000
Construction		-	-	-	-	1,000,000	1,000,000
Project Total		-	-	-	-	\$1,100,000	\$1,100,000
Nonprofit Corporation Bonds - Water		-	-	-	-	1,100,000	1,100,000
Funding Total		-	-	-	-	\$1,100,000	\$1,100,000
WS85500346	WATER ANNUAL EMERGENCY REPAIR CONTRACT						
							Function: Water Mains
	Provide for annual emergency waterline repairs.						Strategic Plan: Infrastructure District: Citywide
Other		112,625	117,000	120,000	75,000	75,000	499,625
Design		115,000	120,000	125,000	130,000	135,000	625,000
Construction		807,875	1,038,000	1,080,000	1,170,000	1,204,000	5,299,875
Project Total		\$1,035,500	\$1,275,000	\$1,325,000	\$1,375,000	\$1,414,000	\$6,424,500
Water Revenues		1,035,500	1,275,000	1,325,000	1,375,000	1,414,000	6,424,500
Funding Total		\$1,035,500	\$1,275,000	\$1,325,000	\$1,375,000	\$1,414,000	\$6,424,500
WS85500347	LARGE VALVE ANNUAL REPLACEMENT AND REPAIR CONTRACT						
							Function: Water Mains
	Provide for annual replacement and repair of large water system valves.						Strategic Plan: Infrastructure District: Citywide
Other		119,500	120,175	113,000	100,000	100,000	552,675
Design		130,000	135,000	139,000	143,000	147,000	694,000
Construction		1,011,500	1,189,825	1,228,000	1,282,000	1,321,000	6,032,325
Project Total		\$1,261,000	\$1,445,000	\$1,480,000	\$1,525,000	\$1,568,000	\$7,279,000
Water Revenues		1,261,000	1,445,000	1,480,000	1,525,000	1,568,000	7,279,000
Funding Total		\$1,261,000	\$1,445,000	\$1,480,000	\$1,525,000	\$1,568,000	\$7,279,000
WS85500350	NORTHERN WATER DESERT VIEW						
							Function: Water Mains
	Construct large, growth-related water infrastructure in the Desert View development impact fee area.						Strategic Plan: Infrastructure District: 2
Other		5,509,167	-	-	-	-	5,509,167
Construction		3,884,447	-	-	-	-	3,884,447
Project Total		\$9,393,614	-	-	-	-	\$9,393,614
Impact Fee Water Northern		5,509,167	-	-	-	-	5,509,167
Impact Fee - Northern Water		3,884,447	-	-	-	-	3,884,447
Funding Total		\$9,393,614	-	-	-	-	\$9,393,614
WS85500353	SOUTHERN WATER						
							Function: Water Mains
	Construct large, growth-related water infrastructure in the Southern development impact area.						Strategic Plan: Infrastructure District: 6 & 7
Other		1,673,010	-	-	-	-	1,673,010
Construction		11,497,763	-	-	-	-	11,497,763
Project Total		\$13,170,773	-	-	-	-	\$13,170,773
Impact Fee Water Southern		1,673,010	-	-	-	-	1,673,010
Impact Fee - Estrella South, Water		11,497,763	-	-	-	-	11,497,763
Funding Total		\$13,170,773	-	-	-	-	\$13,170,773

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85500358	WATER MAIN: AREA BOUNDED BY MISSOURI AVENUE TO BETHANY HOME ROAD						
	Complete construction of 27,860 linear feet of water mains, install 45 hydrants and relocate 597 water meters.						
							District: 5
	Other	606,300	-	-	-	-	606,300
	Project Total	\$606,300	-	-	-	-	\$606,300
	Water Revenues	606,300	-	-	-	-	606,300
	Funding Total	\$606,300	-	-	-	-	\$606,300
WS85500359	WATER MAIN: ACROSS I-17 AT SWEETWATER						
	Complete construction of 24-inch water main from I-17 Frontage Road to 25th Avenue along Sweetwater.						
							District: 1 & 3
	Other	30,000	-	-	-	-	30,000
	Construction	300,000	-	-	-	-	300,000
	Project Total	\$330,000	-	-	-	-	\$330,000
	Water Revenues	30,000	-	-	-	-	30,000
	Nonprofit Corporation Bonds - Water	300,000	-	-	-	-	300,000
	Funding Total	\$330,000	-	-	-	-	\$330,000
WS85500362	WATER MAIN: PRESSURE ZONE 5EA AND 5EB						
	Design and construct water main along 33rd Avenue and Pinnacle Vista (zone 5EA) and along Stetson Valley Parkway and Inspiration Way (zone 5EB). Estimated full-year ongoing operating costs: \$10,000						
							District: 1
	Other	50,000	-	-	-	-	50,000
	Construction	83,551	-	-	-	-	83,551
	Project Total	\$133,551	-	-	-	-	\$133,551
	Impact Fee - Northern Water	133,551	-	-	-	-	133,551
	Funding Total	\$133,551	-	-	-	-	\$133,551
WS85500375	WATER MAIN REPLACEMENT AREA BOUNDED BY: THOMAS-OSBORN/19TH AVENUE-15TH AVENUE						
	Design and construct 22,280 linear feet of new ductile iron pipe main and install 44 new fire hydrants.						
							District: 4
	Other	308,150	-	-	-	-	308,150
	Project Total	\$308,150	-	-	-	-	\$308,150
	Water Revenues	308,150	-	-	-	-	308,150
	Funding Total	\$308,150	-	-	-	-	\$308,150
WS85500376	WATER MAIN REPLACEMENT AREA BOUNDED BY: NORTHERN-BUTLER/15TH AVENUE-7TH AVENUE						
	Construct 12,990 linear feet of new ductile iron pipe main, install 25 new fire hydrants and relocate 78 water meters.						
							District: 3
	Other	37,300	-	-	-	-	37,300
	Project Total	\$37,300	-	-	-	-	\$37,300
	Nonprofit Corporation Bonds - Water	37,300	-	-	-	-	37,300
	Funding Total	\$37,300	-	-	-	-	\$37,300

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85500377	WATER MAIN REPLACEMENT AREA BOUNDED BY: GLENDALE AVE-NORTHERN/15TH AVENUE-7TH AVENUE						
							Function: Water Mains
	Construct 14,890 linear feet of new ductile iron pipe main, install 20 new fire hydrants and relocate 9 water meters.						Strategic Plan: Infrastructure
							District: 3 & 6
Other		414,000	-	-	-	-	414,000
Construction		377,126	-	-	-	-	377,126
Project Total		\$791,126	-	-	-	-	\$791,126
Water Revenues		791,126	-	-	-	-	791,126
Funding Total		\$791,126	-	-	-	-	\$791,126
WS85500379	TRANSMISSION MAIN INSPECTION AND ASSESSMENT						
							Function: Water Mains
	Inspect and assess 260 miles of 42" and larger water transmission mains.						Strategic Plan: Infrastructure
							District: Citywide
Other		800,000	900,000	1,000,000	1,000,000	1,000,000	4,700,000
Design		2,100,000	1,000,000	-	-	1,000,000	4,100,000
Construction		3,500,000	3,960,000	6,500,000	6,500,000	5,500,000	25,960,000
Project Total		\$6,400,000	\$5,860,000	\$7,500,000	\$7,500,000	\$7,500,000	\$34,760,000
Water Revenues		6,400,000	5,860,000	7,500,000	7,500,000	7,500,000	34,760,000
Funding Total		\$6,400,000	\$5,860,000	\$7,500,000	\$7,500,000	\$7,500,000	\$34,760,000
WS85500380	WATER MAIN REHABILITATION PROJECT AREA BOUNDED BY: OSBORN - INDIAN SCHOOL ROAD - 16TH STREET -20TH STREET						
							Function: Water Mains
	Design and construct 16,250 linear feet of new mains, install 34 fire hydrants and relocate 140 water meter/services at Osborn Road - Indian School Road - 16th Street - 20th Street.						Strategic Plan: Infrastructure
							District: 4
Other		-	501,800	-	-	-	501,800
Construction		-	2,822,275	-	-	-	2,822,275
Project Total		-	\$3,324,075	-	-	-	\$3,324,075
Water Revenues		-	1,457,575	-	-	-	1,457,575
Nonprofit Corporation Bonds - Water		-	1,866,500	-	-	-	1,866,500
Funding Total		-	\$3,324,075	-	-	-	\$3,324,075
WS85500381	WATER MAIN REHABILITATION PROJECT AREA BOUNDED BY: OSBORN-INDIAN SCHOOL RD - 20TH STREET -24TH STREET						
							Function: Water Mains
	Design and construct 13,230 linear feet of new mains, install 16 fire hydrants and relocate 133 water meter/services at Osborn Road - Indian School Road - 20th Street - 24th Street.						Strategic Plan: Infrastructure
							District: 4
Other		183,100	-	-	-	-	183,100
Project Total		\$183,100	-	-	-	-	\$183,100
Nonprofit Corporation Bonds - Water		183,100	-	-	-	-	183,100
Funding Total		\$183,100	-	-	-	-	\$183,100

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85500382	WATER MAIN REHABILITATION PROJECT AREA BOUNDED BY: MISSOURI - BETHANY HOME - 16TH STREET -20TH STREET						
							Function: Water Mains
	Design and construct 14,990 linear feet of new mains, install 29 fire hydrants and relocate 249 water meter/services at Missouri Avenue - Bethany Home Road - 16th Street - 20th Street.						Strategic Plan: Infrastructure
							District: 6
	Other	-	491,600	-	-	-	491,600
	Construction	-	2,813,667	-	-	-	2,813,667
	Project Total	-	\$3,305,267	-	-	-	\$3,305,267
	Water Revenues	-	3,305,267	-	-	-	3,305,267
	Funding Total	-	\$3,305,267	-	-	-	\$3,305,267
WS85500383	WATER MAIN REHABILITATION PROJECT AREA BOUNDED BY: DURANGO - BUCKEYE 7TH STREET - 12TH STREET						
							Function: Water Mains
	Design and construct 15,750 linear feet of new mains, install 17 fire hydrants and relocate 132 water meter/services at Durango Street - Buckeye Road - 7th Street - 12th Street.						Strategic Plan: Infrastructure
							District: 8
	Other	-	515,900	-	-	-	515,900
	Construction	-	2,723,405	-	-	-	2,723,405
	Project Total	-	\$3,239,305	-	-	-	\$3,239,305
	Water Revenues	-	3,239,305	-	-	-	3,239,305
	Funding Total	-	\$3,239,305	-	-	-	\$3,239,305
WS85500384	WATER MAIN REHABILITATION PROJECT AREA BOUNDED BY: DURANGO - BUCKEYE - 12TH STREET - 16TH STREET						
							Function: Water Mains
	Design and construct 3,270 linear feet of new mains, install 12 fire hydrants and relocate 34 water meter/services at Durango Street - Buckeye Road - 12th Street - 16th Street.						Strategic Plan: Infrastructure
							District: 8
	Other	-	113,900	-	-	-	113,900
	Construction	-	580,622	-	-	-	580,622
	Project Total	-	\$694,522	-	-	-	\$694,522
	Water Revenues	-	694,522	-	-	-	694,522
	Funding Total	-	\$694,522	-	-	-	\$694,522
WS85500385	SOUTHWEST ZONE 1 TRANSMISSION MAINS						
							Function: Water Mains
	Design and construct 36,650 linear feet of water main from 91st Ave - Camelback Road to Campbell Avenue, Camelback Road - 67th Avenue to 91st Avenue, Buckeye Road - 35th Avenue to 67th Avenue.						Strategic Plan: Infrastructure
							District: 5 & 7
	Other	290,000	-	-	-	-	290,000
	Land Acquisition	1,025,000	-	-	-	-	1,025,000
	Design	1,900,000	-	-	-	-	1,900,000
	Construction	14,993,500	-	-	-	-	14,993,500
	Project Total	\$18,208,500	-	-	-	-	\$18,208,500
	Water Revenues	18,208,500	-	-	-	-	18,208,500
	Funding Total	\$18,208,500	-	-	-	-	\$18,208,500

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85500386	WATER MAIN REPLACEMENT SMALL PROJECTS						
							Function: Water Mains
	Water main replacement construction work (new mains, fire hydrants, taps, on-site plumbing) done on an emergency basis through the Water Main Replacement Program.						Strategic Plan: Infrastructure
							District: Citywide
Construction		1,150,000	700,000	650,000	650,000	650,000	3,800,000
Project Total		\$1,150,000	\$700,000	\$650,000	\$650,000	\$650,000	\$3,800,000
Water Revenues		1,150,000	700,000	650,000	650,000	650,000	3,800,000
Funding Total		\$1,150,000	\$700,000	\$650,000	\$650,000	\$650,000	\$3,800,000
WS85500387	ZONE 3S 16 INCH TRANSMISSION MAIN						
							Function: Water Mains
	Construct 5,280 linear feet of water main on Euclid Street between 7th Street and 7th Avenue.						Strategic Plan: Infrastructure
							District: 7 & 8
Other		322,800	-	-	-	-	322,800
Project Total		\$322,800	-	-	-	-	\$322,800
Water Development Occupational Fee		322,800	-	-	-	-	322,800
Funding Total		\$322,800	-	-	-	-	\$322,800
WS85500388	GARFIELD INFRASTRUCTURE IMPROVEMENTS						
							Function: Water Mains
	Design and construct 76,160 linear feet of new water mains and install new fire hydrants in Garfield Neighborhood.						Strategic Plan: Infrastructure
							District: 7 & 8
Other		1,030,936	763,212	402,204	-	-	2,196,352
Design		150,000	-	-	-	-	150,000
Construction		4,054,545	4,027,044	2,236,904	-	-	10,318,493
Project Total		\$5,235,481	\$4,790,256	\$2,639,108	-	-	\$12,664,845
Water Revenues		5,235,481	4,790,256	2,639,108	-	-	12,664,845
Funding Total		\$5,235,481	\$4,790,256	\$2,639,108	-	-	\$12,664,845
WS85500390	FIRE HYDRANT INSTALLATIONS						
							Function: Water Mains
	Install new and replace fire hydrants.						Strategic Plan: Infrastructure
							District: Citywide
Equipment		2,650,000	2,650,000	2,650,000	2,650,000	2,650,000	13,250,000
Project Total		\$2,650,000	\$2,650,000	\$2,650,000	\$2,650,000	\$2,650,000	\$13,250,000
Water Revenues		2,650,000	2,650,000	2,650,000	2,650,000	2,650,000	13,250,000
Funding Total		\$2,650,000	\$2,650,000	\$2,650,000	\$2,650,000	\$2,650,000	\$13,250,000
WS85500395	WATER MAIN DESIGN AND RELOCATION						
							Function: Water Mains
	Water mains to be designed and relocated in conjunction with other City Departments or outside agency projects to avoid conflicts.						Strategic Plan: Infrastructure
							District: Citywide
Equipment		880,000	880,000	880,000	880,000	880,000	4,400,000
Project Total		\$880,000	\$880,000	\$880,000	\$880,000	\$880,000	\$4,400,000
Water Revenues		880,000	880,000	880,000	880,000	880,000	4,400,000
Funding Total		\$880,000	\$880,000	\$880,000	\$880,000	\$880,000	\$4,400,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85500400	VALVE AND DEBRIS CAP INSTALLATION						
Purchase and install valves and debris caps for projects completed by other departments or agencies.							
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Other		320,000	320,000	320,000	320,000	320,000	1,600,000
Equipment		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Construction		500,000	500,000	500,000	500,000	500,000	2,500,000
Project Total		\$1,820,000	\$1,820,000	\$1,820,000	\$1,820,000	\$1,820,000	\$9,100,000
Water Revenues		1,820,000	1,820,000	1,820,000	1,820,000	1,820,000	9,100,000
Funding Total		\$1,820,000	\$1,820,000	\$1,820,000	\$1,820,000	\$1,820,000	\$9,100,000
WS85500406	MUMMY MOUNTAIN WATER MAIN REPLACEMENT						
Replace 3,600 feet of existing 2-inch galvanized water main with new 3-inch pipe at the Town of Paradise Valley - North of Lincoln Drive, Invergardon Lane.							
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Other		35,000	-	-	-	-	35,000
Design		88,000	-	-	-	-	88,000
Construction		1,021,200	-	-	-	-	1,021,200
Project Total		\$1,144,200	-	-	-	-	\$1,144,200
Water Revenues		572,100	-	-	-	-	572,100
Water Development Occupational Fee		572,100	-	-	-	-	572,100
Funding Total		\$1,144,200	-	-	-	-	\$1,144,200
WS85501000	WATER SERVICES						
Staff time and materials to install new services and meters.							
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Other		850,000	950,000	1,050,000	1,150,000	1,250,000	5,250,000
Equipment		850,000	950,000	1,050,000	1,150,000	1,250,000	5,250,000
Project Total		\$1,700,000	\$1,900,000	\$2,100,000	\$2,300,000	\$2,500,000	\$10,500,000
Water Revenues		1,700,000	1,900,000	2,100,000	2,300,000	2,500,000	10,500,000
Funding Total		\$1,700,000	\$1,900,000	\$2,100,000	\$2,300,000	\$2,500,000	\$10,500,000
WS85502000	WATER SERVICES - RELOCATE/EXTEND						
Extend or relocate existing water services due to CIP projects, other agency projects or customer requests.							
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Other		425,000	425,000	425,000	425,000	425,000	2,125,000
Equipment		425,000	425,000	425,000	425,000	425,000	2,125,000
Project Total		\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$4,250,000
Water Revenues		850,000	850,000	850,000	850,000	850,000	4,250,000
Funding Total		\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$4,250,000
WS85504000	WATER SERVICES - REPLACEMENT						
Repair and replace leaking water services from main to meter.							
							Function: Water Mains
							Strategic Plan: Infrastructure
							District: Citywide
Other		250,000	250,000	250,000	250,000	250,000	1,250,000
Equipment		250,000	250,000	250,000	250,000	250,000	1,250,000
Project Total		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Water Revenues		500,000	500,000	500,000	500,000	500,000	2,500,000
Funding Total		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85509000	WATER MAIN: AREA BOUNDED BY CAMELBACK RD TO MISSOURI AVE / 16TH ST TO 20TH ST						
							Function: Water Mains
	Design and construct 8,920 linear feet of water mains, relocate 6 meters, and install 35 fire hydrants.						Strategic Plan: Infrastructure
							District: 6
Other		29,500	-	291,600	-	-	321,100
Design		150,000	-	-	-	-	150,000
Construction		-	-	1,418,593	-	-	1,418,593
Project Total		\$179,500	-	\$1,710,193	-	-	\$1,889,693
Water Revenues		179,500	-	1,710,193	-	-	1,889,693
Funding Total		\$179,500	-	\$1,710,193	-	-	\$1,889,693
WS85509001	WATER MAIN: AREA BOUNDED BY MARICOPA FWY TO BUCKEYE RD / 7TH AVE TO CENTRAL AVE						
							Function: Water Mains
	Design and construct 20,960 linear feet of water mains, and install 32 fire hydrants.						Strategic Plan: Infrastructure
							District: 8
Other		40,000	683,400	-	-	-	723,400
Design		400,000	-	-	-	-	400,000
Construction		-	3,304,906	-	-	-	3,304,906
Project Total		\$440,000	\$3,988,306	-	-	-	\$4,428,306
Water Revenues		440,000	180,306	-	-	-	620,306
Nonprofit Corporation Bonds - Water		-	3,808,000	-	-	-	3,808,000
Funding Total		\$440,000	\$3,988,306	-	-	-	\$4,428,306
WS85509002	WATER MAIN: AREA BOUNDED BY MOUNTAIN VIEW RD TO PEORIA AVE / 15TH AVE TO 7TH AVE						
							Function: Water Mains
	Design and construct 18,810 linear feet of water mains, relocate 140 meters, and install 40 fire hydrants.						Strategic Plan: Infrastructure
							District: 3
Other		-	158,300	614,200	-	-	772,500
Design		-	430,000	-	-	-	430,000
Construction		-	-	3,245,925	-	-	3,245,925
Project Total		-	\$588,300	\$3,860,125	-	-	\$4,448,425
Water Revenues		-	588,300	3,860,125	-	-	4,448,425
Funding Total		-	\$588,300	\$3,860,125	-	-	\$4,448,425
WS85509003	WATER MAIN: AREA BOUNDED BY HARRISON ST TO VAN BUREN ST / 31ST AVE TO 27TH AVE						
							Function: Water Mains
	Design and construct 20,840 linear feet of water mains, relocate 359 meters, and install 34 fire hydrants.						Strategic Plan: Infrastructure
							District: 4
Other		-	214,000	679,200	-	-	893,200
Design		-	350,000	-	-	-	350,000
Construction		-	-	4,036,006	-	-	4,036,006
Project Total		-	\$564,000	\$4,715,206	-	-	\$5,279,206
Water Revenues		-	564,000	4,715,206	-	-	5,279,206
Funding Total		-	\$564,000	\$4,715,206	-	-	\$5,279,206

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85509004	WATER MAIN: AREA BOUNDED BY ROESER RD TO BROADWAY RD / 19TH AVE TO 15TH AVE						
							Function: Water Mains
	Design and construct 16,850 linear feet of water mains, relocate 478 meters, and install 24 fire hydrants.						Strategic Plan: Infrastructure
							District: 7
Other		-	167,100	551,100	-	-	718,200
Design		-	280,000	-	-	-	280,000
Construction		-	-	3,656,879	-	-	3,656,879
Project Total		-	\$447,100	\$4,207,979	-	-	\$4,655,079
Water Revenues		-	447,100	4,207,979	-	-	4,655,079
Funding Total		-	\$447,100	\$4,207,979	-	-	\$4,655,079
WS85509005	WATER MAIN: AREA BOUNDED BY MISSOURI AVE TO BETHANY HOME RD / 20TH ST TO 24TH ST						
							Function: Water Mains
	Design and construct 13,590 linear feet of water mains, and install 18 fire hydrants.						Strategic Plan: Infrastructure
							District: 6
Other		-	28,000	441,500	-	-	469,500
Design		-	160,000	-	-	-	160,000
Construction		-	-	2,142,791	-	-	2,142,791
Project Total		-	\$188,000	\$2,584,291	-	-	\$2,772,291
Water Revenues		-	188,000	2,584,291	-	-	2,772,291
Funding Total		-	\$188,000	\$2,584,291	-	-	\$2,772,291
WS85509006	WATER MAIN: AREA BOUNDED BY LOWER BUCKEYE RD TO MARICOPA FWY / 7TH AVE TO CENTRAL AVE						
							Function: Water Mains
	Design and construct 4,310 linear feet of water mains, relocate 16 meters, and install 9 fire hydrants.						Strategic Plan: Infrastructure
							District: 8
Other		-	-	66,000	143,600	-	209,600
Design		-	-	70,000	-	-	70,000
Construction		-	-	-	711,595	-	711,595
Project Total		-	-	\$136,000	\$855,195	-	\$991,195
Water Revenues		-	-	136,000	855,195	-	991,195
Funding Total		-	-	\$136,000	\$855,195	-	\$991,195
WS85509007	WATER MAIN: AREA BOUNDED BY MCDOWELL RD TO OAK ST / 16TH ST TO 20TH ST						
							Function: Water Mains
	Design and construct 21,640 linear feet of water mains, relocate 119 meters, and install 25 fire hydrants.						Strategic Plan: Infrastructure
							District: 7
Other		-	146,000	704,800	-	-	850,800
Design		-	245,000	-	-	-	245,000
Construction		-	-	3,652,078	-	-	3,652,078
Project Total		-	\$391,000	\$4,356,878	-	-	\$4,747,878
Water Revenues		-	-	4,356,878	-	-	4,356,878
Nonprofit Corporation Bonds - Water		-	391,000	-	-	-	391,000
Funding Total		-	\$391,000	\$4,356,878	-	-	\$4,747,878

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85509008	WATER MAIN: AREA BOUNDED BY MOUNTAIN VIEW RD TO SHEA BLVD / 32ND ST TO 36TH ST						
							Function: Water Mains
	Design and construct 10,400 linear feet of water mains, relocate 188 meters, and install 16 fire hydrants.						Strategic Plan: Infrastructure
							District: 3
Other		-	142,000	339,100	-	-	481,100
Design		-	140,000	-	-	-	140,000
Construction		-	-	2,019,736	-	-	2,019,736
Project Total		-	\$282,000	\$2,358,836	-	-	\$2,640,836
Water Revenues		-	5,000	2,358,836	-	-	2,363,836
Nonprofit Corporation Bonds - Water		-	277,000	-	-	-	277,000
Funding Total		-	\$282,000	\$2,358,836	-	-	\$2,640,836
WS85509009	WATER MAIN: AREA BOUNDED BY SOUTHERN AVE TO ROESER RD / 15TH AVE TO 7TH AVE						
							Function: Water Mains
	Design and construct 14,120 linear feet of water mains, relocate 208 meters, and install 27 fire hydrants.						Strategic Plan: Infrastructure
							District: 7
Other		-	-	158,000	458,500	-	616,500
Design		-	-	200,000	-	-	200,000
Construction		-	-	-	2,646,361	-	2,646,361
Project Total		-	-	\$358,000	\$3,104,861	-	\$3,462,861
Water Revenues		-	-	358,000	3,104,861	-	3,462,861
Funding Total		-	-	\$358,000	\$3,104,861	-	\$3,462,861
WS85509010	WATER MAIN: AREA BOUNDED BY THOMAS RD TO OSBORN / 24TH ST TO 16TH ST						
							Function: Water Mains
	Design and construct 17,120 linear feet of water mains, relocate 45 meters, and install 31 fire hydrants.						Strategic Plan: Infrastructure
							District: 8
Other		-	-	173,000	559,800	-	732,800
Design		-	-	250,000	-	-	250,000
Construction		-	-	-	2,799,381	-	2,799,381
Project Total		-	-	\$423,000	\$3,359,181	-	\$3,782,181
Water Revenues		-	-	423,000	3,359,181	-	3,782,181
Funding Total		-	-	\$423,000	\$3,359,181	-	\$3,782,181
WS85509011	WATER MAIN: AREA BOUNDED BY GLENDALE AVE TO ORANGEWOOD AVE / 12TH ST TO 16TH ST						
							Function: Water Mains
	Design and construct 10,440 linear feet of water mains, relocate 21 meters, and install 35 fire hydrants.						Strategic Plan: Infrastructure
							District: 6
Other		-	-	136,000	340,400	-	476,400
Design		-	-	160,000	-	-	160,000
Construction		-	-	-	1,691,170	-	1,691,170
Project Total		-	-	\$296,000	\$2,031,570	-	\$2,327,570
Water Revenues		-	-	296,000	2,031,570	-	2,327,570
Funding Total		-	-	\$296,000	\$2,031,570	-	\$2,327,570

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85700060	TELEMETRY STUDY						
	Study and upgrade the Water Services Remote Telemetry and Control System. This project will study existing communication infrastructure and integrate these systems.						
							District: Citywide
	Other	-	-	300,000	-	-	300,000
	Design	-	-	5,000,000	-	-	5,000,000
	Project Total	-	-	\$5,300,000	-	-	\$5,300,000
	Nonprofit Corporation Bonds - Water	-	-	5,300,000	-	-	5,300,000
	Funding Total	-	-	\$5,300,000	-	-	\$5,300,000
WS85010028	DRILLING AND INSTALLATION OF WELL #250						
	Complete replacement of existing well at 16820 N. 47th Avenue. Estimated full-year ongoing operating costs: \$20,000						
							District: 1
	Other	4,000	-	-	-	-	4,000
	Project Total	\$4,000	-	-	-	-	\$4,000
	Water Development Occupational Fee	4,000	-	-	-	-	4,000
	Funding Total	\$4,000	-	-	-	-	\$4,000
WS85010029	REGULATORY COMPLIANCE AND ENVIRONMENTAL PROGRAM (RCEP)						
	Complete improvements of wells, boosters and reservoirs for the Regulatory Compliance and Environmental Program (RCEP).						
							District: Citywide
	Other	14,000	-	-	-	-	14,000
	Project Total	\$14,000	-	-	-	-	\$14,000
	Water Revenues	14,000	-	-	-	-	14,000
	Funding Total	\$14,000	-	-	-	-	\$14,000
WS85010041	DRILL AND INSTALL WELL #299						
	Complete construction of Well #299 at Cave Creek Road and Jomax Road.						
							District: 2
	Other	6,000	-	-	-	-	6,000
	Project Total	\$6,000	-	-	-	-	\$6,000
	Water Revenues	6,000	-	-	-	-	6,000
	Funding Total	\$6,000	-	-	-	-	\$6,000
WS85010044	DRILL AND INSTALL WELL #281						
	Complete construction of a new Well to replace Well #281. Estimated full-year ongoing operating costs: \$40,000						
							District: 2
	Other	112,000	-	-	-	-	112,000
	Project Total	\$112,000	-	-	-	-	\$112,000
	Water Revenues	112,000	-	-	-	-	112,000
	Funding Total	\$112,000	-	-	-	-	\$112,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85010045	SUPERBLOCK 8 WELL SITE						
	Acquire land, design and construct a new well to supply Superblock 8 at SE. corner of 40th Street and Deer Valley Road.						
	Estimated full-year ongoing operating costs: \$40,000						
							District: 2
	Other	-	-	95,000	-	-	95,000
	Land Acquisition	-	-	175,000	-	-	175,000
	Design	-	-	-	160,000	450,000	610,000
	Construction	-	-	-	960,000	-	960,000
	Project Total	-	-	\$270,000	\$1,120,000	\$450,000	\$1,840,000
	Water Revenues	-	-	270,000	1,120,000	450,000	1,840,000
	Funding Total	-	-	\$270,000	\$1,120,000	\$450,000	\$1,840,000
WS85010048	CAVE CREEK WATER RECLAMATION PLANT ASR PILOT PROJECT						
	Design and construct a 2.6 million gallon per day aquifer storage recovery well.						
	Estimated full-year ongoing operating costs: \$70,000						
							District: 2
	Other	43,000	15,000	-	-	-	58,000
	Construction	550,000	-	-	-	-	550,000
	Project Total	\$593,000	\$15,000	-	-	-	\$608,000
	Water Resources Acquisition Fee	593,000	15,000	-	-	-	608,000
	Funding Total	\$593,000	\$15,000	-	-	-	\$608,000
WS85010049	WESTERN CANAL GROUNDWATER WELL TREATMENT						
	Design groundwater well and build conveyance pipeline from the well field to the Western Canal Water Treatment Plant.						
							District: 7
	Other	29,000	-	190,000	190,000	-	409,000
	Design	-	-	260,000	270,000	2,000,000	2,530,000
	Construction	-	-	3,060,000	3,740,000	-	6,800,000
	Project Total	\$29,000	-	\$3,510,000	\$4,200,000	\$2,000,000	\$9,739,000
	Water Revenues	-	-	3,510,000	-	-	3,510,000
	Water Development Occupational Fee	29,000	-	-	-	-	29,000
	Nonprofit Corporation Bonds - Water	-	-	-	4,200,000	2,000,000	6,200,000
	Funding Total	\$29,000	-	\$3,510,000	\$4,200,000	\$2,000,000	\$9,739,000
WS85010050	WELL ASSESSMENT PROGRAM						
	The Phase II Groundwater Management Plan recommended that a study be conducted to assess existing well sites to determine how these wells could be better utilized in the future.						
							District: 2 & 4
	Other	80,375	-	-	-	-	80,375
	Construction	932,625	-	-	-	-	932,625
	Project Total	\$1,013,000	-	-	-	-	\$1,013,000
	Water Revenues	1,013,000	-	-	-	-	1,013,000
	Funding Total	\$1,013,000	-	-	-	-	\$1,013,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
WS85010051	DRILL AND REPLACE WELL 278 (AQUIFER STORAGE RECOVERY)						
							Function: Wells
	Drill, install and test Aquifer Storage Recovery (ASR) Well #278.						Strategic Plan: Infrastructure
	Estimated full-year ongoing operating costs: \$10,000						District: 2
	Design	-	150,000	450,000	-	-	600,000
	Construction	-	950,000	-	2,201,235	-	3,151,235
	Project Total	-	\$1,100,000	\$450,000	\$2,201,235	-	\$3,751,235
	Water Revenues	-	300,000	450,000	2,201,235	-	2,951,235
	Water Development Occupational Fee	-	800,000	-	-	-	800,000
	Funding Total	-	\$1,100,000	\$450,000	\$2,201,235	-	\$3,751,235
WS85010052	DEER VALLEY ASR WELL PROGRAM						
							Function: Wells
	The initial program is to drill, install, and test 1 potable ASR well. In the Groundwater Management Plan Phase II we proposed 4 ASR wells.						Strategic Plan: Infrastructure
	Estimated full-year ongoing operating costs: \$70,000						District: 4
	Other	115,000	217,950	-	-	-	332,950
	Design	200,000	400,000	-	-	-	600,000
	Construction	2,870,000	2,022,050	-	-	-	4,892,050
	Project Total	\$3,185,000	\$2,640,000	-	-	-	\$5,825,000
	Water Development Occupational Fee	3,185,000	2,640,000	-	-	-	5,825,000
	Funding Total	\$3,185,000	\$2,640,000	-	-	-	\$5,825,000
WS85010053	WELL SITE #287 UPGRADES ALONG CAVE CREEK ROAD						
							Function: Wells
	Increase pumping capacity of non-potable and future potable water usage into the water distribution system.						Strategic Plan: Infrastructure
							District: 2
	Other	50,000	-	-	-	-	50,000
	Design	219,750	-	-	-	-	219,750
	Construction	1,718,450	-	-	-	-	1,718,450
	Project Total	\$1,988,200	-	-	-	-	\$1,988,200
	Water Development Occupational Fee	1,988,200	-	-	-	-	1,988,200
	Funding Total	\$1,988,200	-	-	-	-	\$1,988,200
BIWAT20120	DEBT ISSUANCE COSTS - WATER BONDS						
							Function: Debt
	Debt issuance costs for Water bonds.						Strategic Plan: Financial Excellence
							District: Citywide
	Other	500,000	-	-	-	-	500,000
	Project Total	\$500,000	-	-	-	-	\$500,000
	Nonprofit Corporation Bonds - Water	500,000	-	-	-	-	500,000
	Funding Total	\$500,000	-	-	-	-	\$500,000
AR84850010	GRAND CANAL 7TH AVENUE TO CENTRAL						
							Function: Percent for Art
	Integrate art to improve trail connections and pedestrian amenities leading to the Light Rail stop on Central Avenue.						Strategic Plan: Neighborhoods and Livability
							District: 4
	Construction	-	5,000	100,000	-	-	105,000
	Project Total	-	\$5,000	\$100,000	-	-	\$105,000
	Nonprofit Corporation Bonds - Water	-	5,000	100,000	-	-	105,000
	Funding Total	-	\$5,000	\$100,000	-	-	\$105,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
AR84850012	CONNECTED OASIS PERCENT FOR ART						
	Develop plans and art projects for streetscapes, transit links and open spaces that help achieve the City's goal of a connected oasis downtown.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 7 & 8
Study		60,000	-	-	-	-	60,000
Project Total		\$60,000	-	-	-	-	\$60,000
Nonprofit Corporation Bonds - Water		60,000	-	-	-	-	60,000
Funding Total		\$60,000	-	-	-	-	\$60,000
AR84850013	WATER PUBLIC ART PLAN PERCENT FOR ART						
	Develop a master plan for water-related public art projects citywide.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: Citywide
Study		7,780	-	-	-	-	7,780
Project Total		\$7,780	-	-	-	-	\$7,780
Nonprofit Corporation Bonds - Wastewater		7,780	-	-	-	-	7,780
Funding Total		\$7,780	-	-	-	-	\$7,780
AR84850018	WALL ART AT DEER VALLEY WATER TREATMENT PLANT PERCENT FOR ART						
	Install wall enhancements, landscaping and transit shelters along the Dunlap Avenue side of the water treatment plant.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 1
Construction		233,000	-	-	-	-	233,000
Project Total		\$233,000	-	-	-	-	\$233,000
Nonprofit Corporation Bonds - Water		233,000	-	-	-	-	233,000
Funding Total		\$233,000	-	-	-	-	\$233,000
AR84850019	ARIZONA FALLS REFURBISHMENT PERCENT FOR ART						
	Improve safety features at Arizona Falls.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 6
Construction		-	-	35,200	-	-	35,200
Project Total		-	-	\$35,200	-	-	\$35,200
Nonprofit Corporation Bonds - Water		-	-	35,200	-	-	35,200
Funding Total		-	-	\$35,200	-	-	\$35,200
AR84850023	32ND STREET RETROFIT AND GRAND CANAL						
	Design and construct trail enhancements to mark the Grand Canal crossings at 32nd Street and 44th Street.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
Construction		3,115	-	-	-	50,000	53,115
Project Total		\$3,115	-	-	-	\$50,000	\$53,115
Nonprofit Corporation Bonds - Water		3,115	-	-	-	-	3,115
2006 Street Improvement and Storm Sewer Bonds		-	-	-	-	50,000	50,000
Funding Total		\$3,115	-	-	-	\$50,000	\$53,115
AR84850024	PINNACLE PEAK WATER RESERVOIR						
	Design and build art enhancements at the new reservoir at 56th Street.						
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 2
Construction		116,000	-	-	-	-	116,000
Project Total		\$116,000	-	-	-	-	\$116,000
Nonprofit Corporation Bonds - Water		116,000	-	-	-	-	116,000
Funding Total		\$116,000	-	-	-	-	\$116,000

Water

Project No.	Project Title	2013-14	2014-15	2015-16	2016-17	2017-18	Total
AR84850025	GIMME SHELTER URBAN SHADE						
Fabricate unique shade structures for various public spaces in Phoenix.							
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 7 & 8
Construction		515,368	-	-	-	-	515,368
Project Total		\$515,368	-	-	-	-	\$515,368
Nonprofit Corporation Bonds - Water		68,968	-	-	-	-	68,968
Arizona Highway User Revenues		440,000	-	-	-	-	440,000
2006 Education Bonds		6,400	-	-	-	-	6,400
Funding Total		\$515,368	-	-	-	-	\$515,368
AR84850026	PUEBLO GRANDE ENTRANCE & STREETScape						
Construct a new entrance and streetscape to improve connectivity to the light rail stop at 44th Street & Washington Street.							
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 8
Construction		1,782,437	20,000	-	-	-	1,802,437
Project Total		\$1,782,437	\$20,000	-	-	-	\$1,802,437
Nonprofit Corporation Bonds - Water		1,782,437	20,000	-	-	-	1,802,437
Funding Total		\$1,782,437	\$20,000	-	-	-	\$1,802,437
AR84850027	56TH STREET RESERVOIR STREETScape						
Design and fabricate enhancements for the streetscape in front of the 56th Street Reservoir Facility.							
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 2
Construction		-	-	25,000	75,000	-	100,000
Project Total		-	-	\$25,000	\$75,000	-	\$100,000
Nonprofit Corporation Bonds - Water		-	-	25,000	75,000	-	100,000
Funding Total		-	-	\$25,000	\$75,000	-	\$100,000
AR84850028	WASHINGTON PARK TENNIS CENTER						
Design and install a new entry and fences to improve access and visibility.							
							Function: Percent for Art
							Strategic Plan: Neighborhoods and Livability
							District: 5
Construction		-	35,000	207,000	-	-	242,000
Project Total		-	\$35,000	\$207,000	-	-	\$242,000
Nonprofit Corporation Bonds - Water		-	35,000	207,000	-	-	242,000
Funding Total		-	\$35,000	\$207,000	-	-	\$242,000