

# CAPITAL IMPROVEMENTS

## CAPITAL IMPROVEMENTS BUDGET POLICY

For capital budgeting purposes, the Utility staff uses a strategic weighting scale to determine priorities for each of the scheduled projects. Criteria used to prioritize capital projects include regulatory requirements; aging and condition; overloaded infrastructure; environmental impacts; reliability; drought, customer service; other agency driven projects (street and highway construction); growth and new development; new water supplies, financial impacts; and operational efficiency. The Utility defines a capital expenditure as an asset with an individual cost of \$5,000 or more and an estimated useful life in excess of one year.

Due to state procurement laws and the nature of capital improvement expenditures, it generally takes more than one fiscal year to completely spend one year's appropriations. By law, EPWU cannot award a project unless it is fully funded. However, many large projects have multiple year and/or multiple phase construction periods. El Paso Water Utilities uses several benchmarks of efficiency to ensure capital budget integrity. These include timely completion clauses, aggressive efforts to minimize change orders, and tracking the progress of the overall **capital improvement plan (CIP)**. On an annual basis, staff members from Engineering, Operations, and Finance update the CIP. The final CIP document stretches from a mid-year update out to a ten year planning horizon. It incorporates all known or likely to occur variables based on growth, maintenance of the current system, and addresses issues including new and/or probable regulatory requirements or political directives.

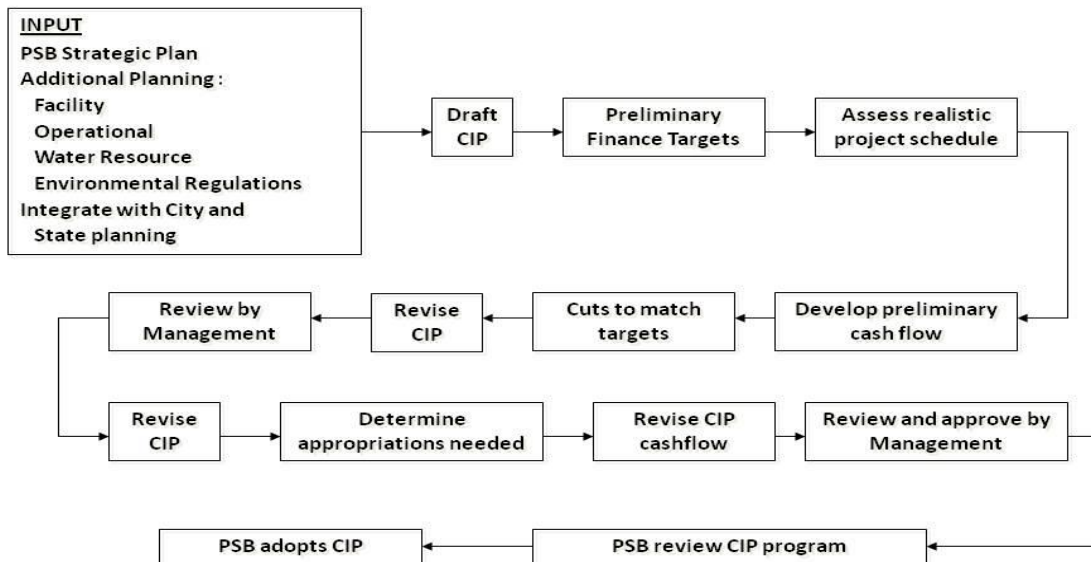
The following is a typical schedule for the development of a CIP budget:

- ❑ March 1 – fiscal year begins
- ❑ April to May – strategic planning updates to the 10 year capital plan
- ❑ August – Project managers gather information for 1<sup>st</sup> draft CIP budget
- ❑ September – draft CIP budget reviewed by Management and Finance
- ❑ October – revisions made to draft and presented to President/CEO
- ❑ November – Management approves capital budget and Finance assigns necessary funding

- ❑ November to December – budget workshops to review the operating and capital budget requests with the Public Service Board and the public can comment
- ❑ December – PSB approves and adopts the final combined operating and capital budget for the fiscal year beginning next March 1

This simplified flowchart graphically represents the entire capital budgeting process. In addition, operating costs related to new infrastructure is incorporated in the financial plan. There are numerous opportunities for staff updates, public input, and revisions, so this chart is a representative snapshot of a truly dynamic process.

## Annual Capital Improvement Program



### BUDGET TRENDS IN FY 2014 – 2015

While the bulk of capital improvement efforts are geared towards serving the growth of the city, including water resource development, the Utility still pays diligent attention to replacement and rehabilitation of the total system. Phased improvements to reservoirs, pump stations, lift stations, treatment plants, and distribution and collection lines are a critical part of the capital improvement program. This allows the Utility to boast over a 99.99% reliability rating and shows why the TCEQ again rated the Utility a “Superior Water System.” Of the estimated \$101.0 million to be invested in plant and system improvements and additions in FY 2014-2015, the Utility estimates spending \$12.9 million in well drilling and equipping of high capacity water wells including the emergency

drought wells project, \$7.2 million for new distribution water lines and pumping equipment, and \$18.5 million in rehabilitation of existing water infrastructure including \$4.7 million for the 48" Paisano Valley line replacement. In addition, \$3.7 million is projected to be spent for emergency back-up power generators. On the wastewater side, the Utility estimates spending \$15.6 million in new collection systems and pumping facilities, \$14.5 million in rehabilitation of existing wastewater infrastructure and \$5.6 million in reclaimed water facilities improvements. Finally, the Utility's geographic information system continues to expand and allow staff to take advantage of cutting edge tools in addressing Utility issues and priorities.

### **FY 2015 – 2016: MEETING FUTURE DEMANDS**

Some capital projects were delayed in FY 2014-2015, therefore in FY 2015-2016 \$33.2 million of capital projects are already funded through prior years' appropriations. Out of the \$169.6 million capital budget, \$133.4 million is from new appropriations. The capital budget continues to address water supply issues, continued population growth and water demand, rehabilitation of water and wastewater infrastructure, and new water, wastewater and reclaimed water facilities to meet future demand:

- To meet the demands of growth both inside and outside the city, several projects are included in the FY 2015-2016 capital budget. One of these is the construction of five reservoirs in the northeast, central and eastside of El Paso. These tanks will be built over two years at an estimated cost of \$26.3 million of which \$14.2 million will be spent during FY 2015-2016.
- To meet future water demand the Utility budgeted \$55.3 million for the acquisition of land for "near" and "far" water importation projects.
- A new strategic plan initiative is the implementation of a drought proof source of water. An advance purified water plant will be pilot tested to produce drinking water. The initial pilot plant will have a 2 MGD capacity and the Utility budgeted in FY 2015-2016 \$2.1 million for the design and permit requirements with the goal of treating 10 MGD in the near future for an estimated construction cost of \$89 million.
- Another initiative the Utility budgeted this year is for the first phase of a multiyear project to expand the Jonathan Rogers Water Treatment Plant from 60 MGD to

80 MGD. The total cost of this project is estimated at \$43.0 million, of which \$2.1 million will be spent in FY 2015-2016.

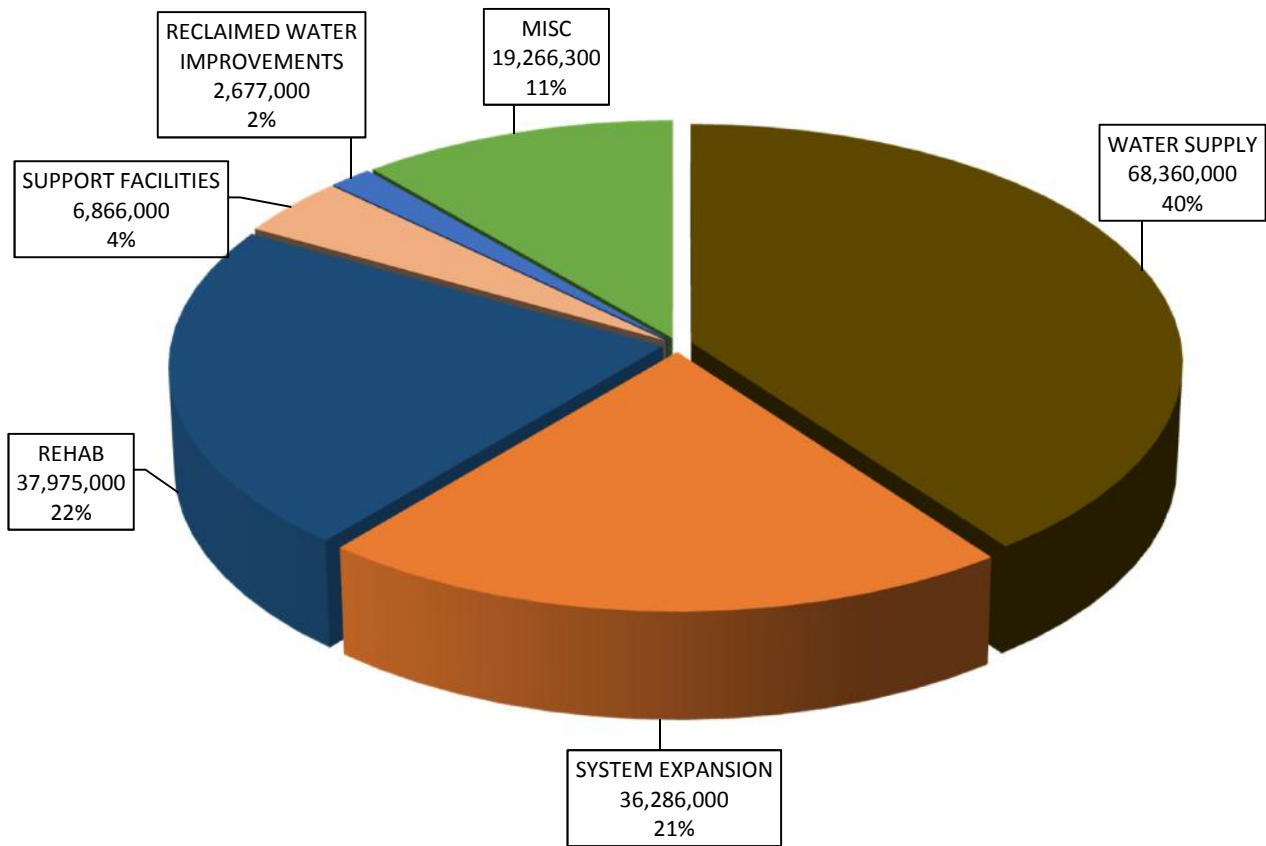
- The Utility will be constructing and equipping six water supply wells in the east and northeast areas of the city at an estimated cost of \$6.1 million.
- The Utility included \$14.1 million to provide emergency back-up power to major water facilities. This will be the fourth year of this multi-year \$30 million project.
- The capital budget also includes \$20.0 million for sewer rehabilitation projects which includes \$5.7 million for City of El Paso bond paving projects and TXDOT relocation of lines projects. In addition, the budget includes \$3 million for field operations yard relocation. This project was accelerated with the request from the City to relocate the Rescue Mission to our fleet maintenance location.
- The Utility maintains the level of system rehabilitation and replacement, and compliance with existing and new federal and state regulatory mandates.

Other projects that make up the capital budget include planning, design, and construction phase work in all parts of town. Line replacement and rehabilitation will continue at a high level, with the most critical lines identified and repaired on a prioritized basis. The Utility continues to work with the County of El Paso to bring first-time public water service to areas outside the city limits by obtaining grants to provide this much needed service. The Utility continues to work in close conjunction with the City of El Paso and the Texas Department of Transportation in major street renovation and highway projects. As El Paso continues to assert its role as the most important city on the U.S.-Mexico border, more joint efforts with the Texas Department of Transportation, Texas Water Development Board, City of El Paso, and other governmental agencies will increase. Many of these projects are associated with state highways and associated rights-of-way, as El Paso remains a major thoroughfare into the 21st century.

# FY 2015-2016

## CAPITAL BUDGET SUMMARY

Combined Water + Wastewater + \*Miscellaneous  
Projected Expenditures



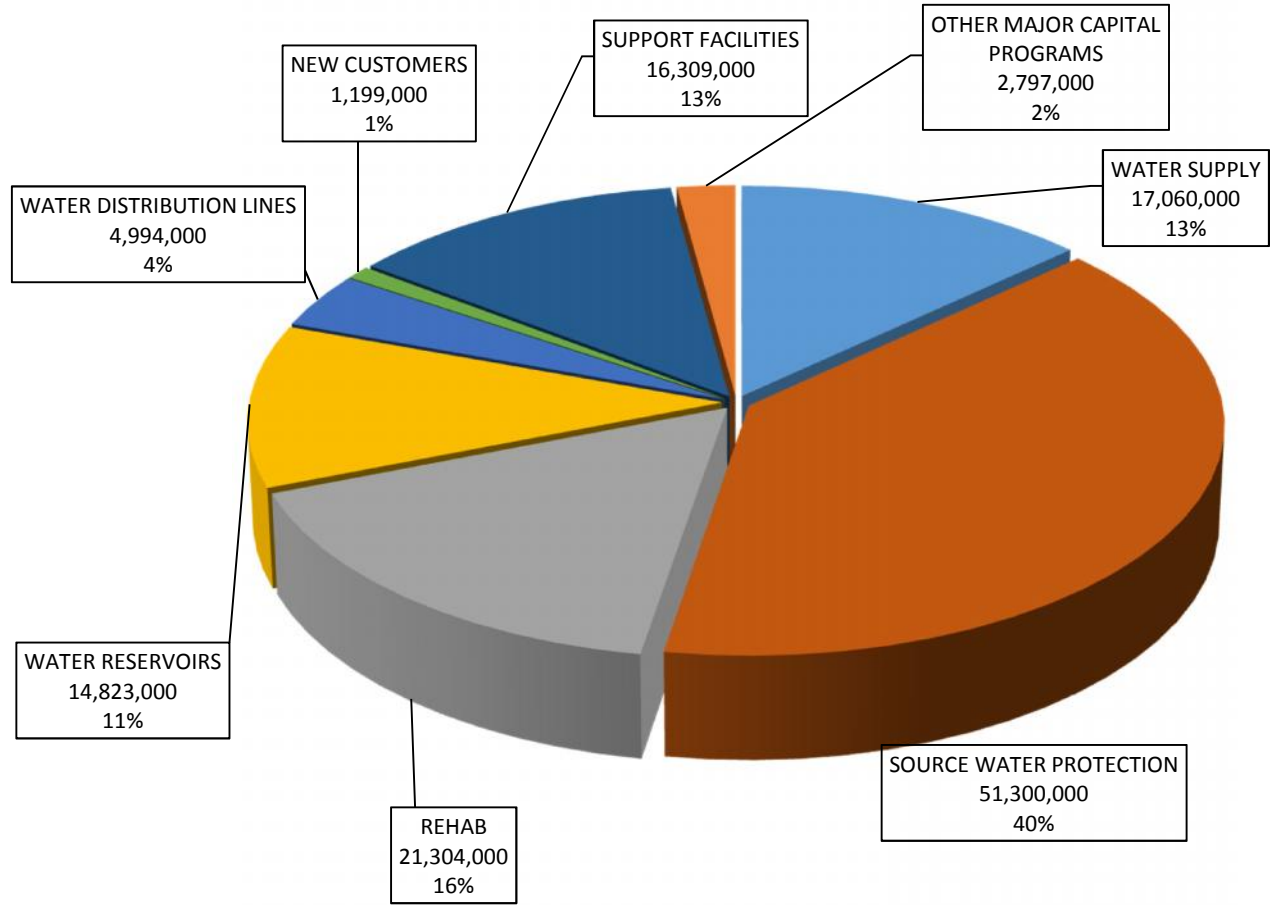
**Total Capital Budget**  
**\$171,430,300**

\*Miscellaneous includes amount for vehicle & construction equipment

# FY 2015-2016

## CAPITAL BUDGET SUMMARY

Projected Water Expenditures



**Total Water Capital Budget**  
**\$129,786,000**

*El Paso Water Utilities*  
*Public Service Board*  
**Capital Improvement Program**  
**Funding for Fiscal Year 2015-2016**

**WATER SYSTEM IMPROVEMENT**

Item #	Project	FY 2015-2016 Funding Request	FY 2015-2016 Projected Expenditures	PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS						
				IMP	WSRC IMP	CP	GRANT	BONDS	CIA	
<b>WATER SUPPLY FACILITIES</b>										
1102	Well Construction, Plugging and Test Holes	60,327,000	68,360,000							
1109	JDF Injection Test Wells	3,250,000	6,120,000		3,250,000					
1113	Advanced Water Purification	279,000	430,000		279,000					
1401	Near Importation		2,130,000							
1401	Near Importation	5,251,000	5,251,000		5,251,000					
1201	Jonathan Rogers WTP Expansion	490,000	2,072,000		490,000					
1401	Water Rights Including Land Acquisitions	50,000,000	51,300,000					50,000,000		
1402	Water Resource Plans (Hueco Modeling)	357,000	357,000	357,000						
1409	Lower Valley RO Concentrate	700,000	700,000		574,000		126,000			
<b>RESERVOIRS</b>										
2018A	North 2 Tank #2A 3MG Elevated Tank	26,754,000	14,823,000							
2022	Franklin East #1A 2.5MG Elevated Tank I.F.	6,300,000	4,823,000	6,300,000						
2025	Ventanas Elevated Storage tank	4,500,000	198,000							
2034	Northeast Well Supply Tank	5,600,000	2,649,000					4,500,000		
2039	Airport Ground Tank	4,800,000	1,564,000					5,600,000		
2040	Memphis Reservoir, (2.5MG)	5,100,000	3,635,000					4,800,000		
2042	Heath Deleon Reservoir	204,000	1,500,000	204,000				5,100,000		
2043	Jackson Reservoir (2.5MG)	250,000	204,000	250,000				5,100,000		
<b>DISTRIBUTION LINES</b>										
4050A	Eaiside Planned Service Area (24") I.F.	3,722,000	4,994,000							
4076	Loop 375-Vista del Sol to Montwood	2,355,000	709,000					2,355,000		
4082	Partello (30")	457,000	1,020,000					457,000		
4087	JRWTP Exp. Transmission Pipeline- 30-inch ( 20MGD expansion)	910,000	910,000	910,000				910,000		
<b>REHABILITATION</b>										
5101	Meter Replacement	250,000	21,304,000							
5102	Primary Metering Wells/Pump Station Improvement	50,000	450,000					250,000		
5202	City of El Paso Community Development Bond Paving Projects City	1,700,000	50,000							
5203	TXDOT Water Improvement Projects	615,000	2,500,000					1,700,000		
5206	IBWC Service Line	870,000	870,000					870,000		
5212	Planned Pipeline Replacement	3,195,000	4,000,000					3,195,000		
5279	City Wide Large Diameter Replacement (60"-24")	1,200,000	1,200,000					1,200,000		
5282	Pipeline Protection		50,000							
5283	NE Main Lines		50,000							
5294	Dead End Mains	102,000	102,000					102,000		
5295	Dallas Clearing of Utilities Ph 2	685,000	685,000					685,000		
5301	Well Rehabilitation	1,765,000	1,765,000					1,765,000		
5406	Reservoir Rehabilitation		459,000							
5510	Plant Small Upgrades	1,973,000	2,065,000					1,973,000		
5511	Plant Emergency	114,000	114,000					114,000		
5512	Disinfection Byproduct Rule/Surface Water Rule Compliance	324,000	454,000					324,000		
5513	GAC Replacement	2,942,000	1,039,000							
5517	Canal Plant Discharge Lines	750,000	3,832,000					2,942,000		
5519	Iron Media Replacement		750,000					750,000		
5636	Various Valve & Pump Station Replacements		254,000							

*El Paso Water Utilities  
Public Service Board*

**Capital Improvement Program  
Funding for Fiscal Year 2015-2016**

<b>NEW CUSTOMERS</b>	<b>1,149,000</b>	<b>1,199,000</b>							
6100 Meters	549,000	549,000	275,000						274,000
6200 Fire Hydrants	500,000	500,000							500,000
6400 Supplement for Individual Payments		50,000							
6500 Extension from Contribution Payments	50,000	50,000	50,000						
6600 Taps Paid from Contribution Payments	50,000	50,000	50,000						
<b>SUPPORT FACILITIES</b>	<b>2,118,000</b>	<b>16,309,000</b>							
7001 Central Lab		128,000							
7002 Process Automation/SCADA	618,000	618,000		618,000					
7003 Field Operation Yards	1,500,000	1,500,000		1,500,000					
7004 Emergency Back-up Power	-	14,063,000							
<b>OTHER MAJOR CAPITAL PROJECTS</b>	<b>938,000</b>	<b>2,797,000</b>							
8011 Information Technology Systems		1,059,000							
8012 Rehabilitation of PSB Properties		289,000							
8018 Security Upgrades-Water Facilities		50,000							
8019 Repairs and New Exhibits at Tech H2O		98,000							
8023 Economic Dispatch System		162,000							
8025 Radio Equipment		20,000							
8027 Airport and Well Field Improvements	500,000	500,000		500,000				500,000	
8032 Central Control Building		181,000							
8033 Water Facility Beautification	438,000	438,000	438,000						
<b>TOTAL WATER</b>	<b>110,878,000</b>	<b>129,786,000</b>	<b>18,257,000</b>	<b>9,844,000</b>	<b>11,877,000</b>	<b>126,000</b>	<b>70,000,000</b>	<b>774,000</b>	





El Paso Water Utilities/Fiscal Year 2015-2016 Annual Budget  
**APPROVED WATER PROJECTS**

**PROGRAM: Well Construction, Plugging & Test Holes**

**CIP #1102**

**PROGRAM CATEGORY** Water Supply Facilities

**PROJECT** Well Construction, Plugging & Test Holes - Construct and develop six (6) water supply wells in the El Paso service area. Plug abandoned wells and drill test holes.

**Total Funding Request** \$3,250,000

**Funding Sources** WSCR IMP \$3,250,000

**FY 2015-16 Projected Expenditures** \$6,120,000 (Construction)

**Total Project Cost** This is an annual expense about \$5,000,000

**Impact on Operating Budget** \$35,000 per well Electrical costs

**PROGRAM: JDF Injection Wells**

**CIP #1109**

**PROGRAM CATEGORY** Water Supply Facilities

**PROJECT** Repair and maintain Injection Wells, this includes Mechanical Integrity Testing for the current wells and may include planning for a Lower Valley injection well.

**Total Funding Request** \$279,000

**Funding Sources** WSCR IMP \$279,000

**FY 2015-16 Projected Expenditures** \$430,000

**Total Project Cost** \$6.14M

**Impact on Operating Budget** < \$5,000 Negligible

**PROGRAM: Near Importation**

**CIP #1401**

**PROGRAM CATEGORY** Water Supply Facilities

**PROJECT** Land/Water Rights Acquisition - Acquisition of additional water rights to meet the increasing demands including land acquisition for water rights.

**Total Funding Request** \$5,251,000

**Funding Sources** WSCR IMP \$5,251,000

**FY 2015-16 Projected Expenditures** \$5,251,000 (Land/Water Rights acquisition)

**Total Project Cost** \$12.015M

**Impact on Operating Budget** < \$5,000 Negligible



**APPROVED WATER PROJECTS**

**PROGRAM: Jonathan Rogers WTP Expansion**

**CIP #1201**

**PROGRAM CATEGORY** Water Supply Facilities

**PROJECT** Jonathan Rogers WTP Expansion - Expansion of the Jonathan Rogers WTP from 60 MGD to 80 MGD

<b>Total Funding Request</b>	\$490,000
<b>Funding Sources</b>	WSRC IMP \$490,000
<b>FY 2015-16 Projected Expenditures</b>	\$2,072,000
<b>Total Project Cost</b>	\$83.5M
<b>Impact on Operating Budget</b>	\$2M when producing 80 MGD

**PROGRAM: Water Rights Including Land Acquisitions**

**CIP #1401**

**PROGRAM CATEGORY** Water Supply Facilities

**PROJECT** Water Rights Including Land Acquisitions - Purchase land to acquire and or protect water rights.

<b>Total Funding Request</b>	\$50,000,000
<b>Funding Sources</b>	Bonds \$50,000,000
<b>FY 2015-16 Projected Expenditures</b>	\$51,300,000
<b>Total Project Cost</b>	Onetime cost of \$50M plus an annual cost of \$4M
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: Water Resource Plans (Hueco Modeling)**

**CIP #1402**

**PROGRAM CATEGORY** Water Supply Facilities

**PROJECT** Water Resource Plans (Hueco Modeling) - This will provide a model for the flow and solute transport within the Hueco Bolson.

<b>Total Funding Request</b>	\$357,000
<b>Funding Sources</b>	IMP \$357,000
<b>FY 2015-16 Projected Expenditures</b>	\$357,000
<b>Total Project Cost</b>	\$1.04M
<b>Impact on Operating Budget</b>	< \$5,000 Negligible



**APPROVED WATER PROJECTS**

**PROGRAM: Lower Valley RO Concentrate**

**CIP #1409**

**PROGRAM CATEGORY** Water Supply Facilities

**PROJECT** Lower Valley RO Concentrate - Install facility to concentrate reject water from 80 GPM to 10 GPM and produce 70 GPM of additional potable water.

**Total Funding Request** \$700,000

**Funding Sources** WSRC IMP \$574,000, GRANT \$126,000

**FY 2015-16 Projected Expenditures** \$700,000

**Total Project Cost** \$1.3M

**Impact on Operating Budget** \$5,000 per well

**PROGRAM: North 2 Tank #2A 3MG Elevated Tank**

**CIP # 2018A**

**PROGRAM CATEGORY** Reservoirs

**PROJECT** North 2 Tank #2A 3MG Elevated Tank - Erect a 3 MG elevated tank to provide service to Painted Dunes area.

**Total Funding Request** \$6,300,000

**Funding Sources** IMP \$6,300,000

**FY 2015-16 Projected Expenditures** \$4,823,000

**Total Project Cost** \$6.9M

**Impact on Operating Budget** < \$5,000 Negligible

**PROGRAM: Ventanas Elevated Storage Tank**

**CIP # 2025**

**PROGRAM CATEGORY** Reservoirs

**PROJECT** Ventanas Elevated Storage Tank - Erect a 2 MG elevated tank to provide service to area east of Zaragoza.

**Total Funding Request** \$4,500,000

**Funding Sources** BONDS \$4,500,000

**FY 2015-16 Projected Expenditures** \$2,649,000

**Total Project Cost** \$5.5M

**Impact on Operating Budget** < \$5,000 Negligible



**APPROVED WATER PROJECTS**

**PROGRAM: Northeast Well Supply Tank**

**CIP # 2034**

**PROGRAM CATEGORY** Reservoirs

**PROJECT** Northeast Well Supply Tank – Erect 3 MG tank to provide additional storage for the East High Pressure Zone.

<b>Total Funding Request</b>	\$5,600,000
<b>Funding Sources</b>	BONDS \$5,600,000
<b>FY 2015-16 Projected Expenditures</b>	\$1,564,000
<b>Total Project Cost</b>	\$6,300,000
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: Airport Ground Tank**

**CIP #2039**

**PROGRAM CATEGORY** Reservoirs

**PROJECT** Airport Ground Tank – Provide additional storage to the Valley Pressure Zone.

<b>Total Funding Request</b>	\$4,800,000
<b>Funding Sources</b>	BONDS \$4,800,000
<b>FY 2015-16 Projected Expenditures</b>	\$3,635,000
<b>Total Project Cost</b>	\$5,200,000
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: Memphis Reservoir (2.5MG)**

**CIP #2040**

**PROGRAM CATEGORY** Reservoirs

**PROJECT** Memphis Reservoir (2.5 MG) Elevated Tank – This tank will provide additional storage for the Valley Pressure Zone and correct an in-line booster station problem.

<b>Total Funding Request</b>	\$5,100,000
<b>Funding Sources</b>	BONDS \$5,100,000
<b>FY 2015-16 Projected Expenditures</b>	\$1,500,000
<b>Total Project Cost</b>	\$6,000,000
<b>Impact on Operating Budget</b>	< \$5,000 Negligible



**APPROVED WATER PROJECTS**

**PROGRAM: Heath Deleon Reservoir**

**CIP #2042**

**PROGRAM CATEGORY** Reservoirs

**PROJECT** Heath De Leon Reservoir – This project is a study to determine the feasibility of constructing a Reservoir at the Booster Station.

<b>Total Funding Request</b>	\$204,000
<b>Funding Sources</b>	IMP \$204,000
<b>FY 2015-16 Projected Expenditures</b>	\$204,000
<b>Total Project Cost</b>	\$204,000
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: Jackson Reservoir (2.5MG)**

**CIP #2043**

**PROGRAM CATEGORY** Reservoirs

**PROJECT** Jackson Reservoir (2.5 MG) – Design and replacement reservoir for a reservoir which is at the end of its service life.

<b>Total Funding Request</b>	\$250,000
<b>Funding Sources</b>	IMP \$250,000
<b>FY 2015-16 Projected Expenditures</b>	\$250,000
<b>Total Project Cost</b>	\$250,000
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: Loop 375-Vista Del Sol Montwood**

**CIP #4076**

**PROGRAM CATEGORY** Distribution Lines

**PROJECT** Loop 375 – Vista Del Sol Montwood – This transmission line will move water from the Vista Del Sol tank to Montwood east of Joe Battle.

<b>Total Funding Request</b>	\$2,355,000
<b>Funding Sources</b>	CP \$2,355,000
<b>FY 2015-16 Projected Expenditures</b>	\$2,355,000
<b>Total Project Cost</b>	\$2,355,000
<b>Impact on Operating Budget</b>	< \$5,000 Negligible



**APPROVED WATER PROJECTS**

**PROGRAM: Partello (30")**

**CIP #4082**

**PROGRAM CATEGORY** Distribution Lines

**PROJECT** Partello (30") – This transmission line will improve the transfer of water from the East High to the Central Valley Pressure Zone.

<b>Total Funding Request</b>	\$457,000
<b>Funding Sources</b>	CP \$457,000
<b>FY 2015-16 Projected Expenditures</b>	\$1,020,000
<b>Total Project Cost</b>	\$1,100,000
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: JRWTP Exp. Transmission Pipeline – 30-inch (20MGD expansion)**

**CIP # 4087**

**PROGRAM CATEGORY** Distribution Lines

**PROJECT** JRWTP Exp. Transmission Pipeline – 30-inch (20MGD expansion) – New 30-inch pipeline to distribute 20 MGD expansion

<b>Total Funding Request</b>	\$910,000
<b>Funding Sources</b>	IMP \$910,000
<b>FY 2015-16 Projected Expenditures</b>	\$910,000
<b>Total Project Cost</b>	\$19,728,000
<b>Impact on Operating Budget</b>	Included with CIP# 1201

**PROGRAM: Meter Replacement**

**CIP # 5101**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** Meter Replacement – Part of the maintenance program to repair, test, and replace obsolete meters in order to minimize loss of revenues due to inaccurate readings.

<b>Total Funding Request</b>	\$250,000
<b>Funding Sources</b>	IMP \$250,000
<b>FY 2015-16 Projected Expenditures</b>	\$450,000
<b>Total Project Cost</b>	Annual Maintenance Program, Varies
<b>Impact on Operating Budget</b>	< \$5,000 Negligible



**APPROVED WATER PROJECTS**

**PROGRAM: City of El Paso Community Development Bond Paving Projects**

**CIP # 5202**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** City of El Paso Community Development Bond Paving Projects – Water mains to be relocated due to City Street and Drainage Improvement Projects

<b>Total Funding Request</b>	\$1,700,000
<b>Funding Sources</b>	IMP \$1,700,000
<b>FY 2015-16 Projected Expenditures</b>	\$2,500,000
<b>Total Project Cost</b>	\$2,360,000 Annually
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: IBWC Service Line**

**CIP # 5206**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** IBWC Service Line – New line to service properties west of Paisano Drive

<b>Total Funding Request</b>	\$870,000
<b>Funding Sources</b>	CP \$870,000
<b>FY 2015-16 Projected Expenditures</b>	\$870,000
<b>Total Project Cost</b>	\$870,000
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: Planned Pipeline Replacement**

**CIP # 5212**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** Planned Pipeline Replacement – A multi-year, multi-phased maintenance program to upgrade the water distribution pipeline infrastructure and prevent line breaks in the system city-wide. About 50% of this program is performed by EPWU construction forces, and the other 50% through bid construction work.

<b>Total Funding Request</b>	\$3,195,000
<b>Funding Sources</b>	IMP \$3,195,000
<b>FY 2015-16 Projected Expenditures</b>	\$4,000,000
<b>Total Project Cost</b>	\$1,000,000 Annually
<b>Impact on Operating Budget</b>	< \$5,000 Negligible



**APPROVED WATER PROJECTS**

**Program: City Wide Large Diameter Replacement (60"-24")**

**CIP #5279**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** City Wide Large Diameter Replacement (60" – 24") – Replacement of older large diameter water lines to prevent breaks and property damage.

**Total Funding Request** \$1,200,000

**Funding Sources** CP \$1,200,000

**FY 2015-16 Projected Expenditures** \$1,200,000

**Total Project Cost** \$1,200,000 Annually

**Impact on Operating Budget** < \$5,000 Negligible

**PROGRAM: Dead End Mains**

**CIP #5294**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** Dead End Mains – This is a new project to eliminate or provide equipment to flush dead-end mains.

**Total Funding Request** \$102,000

**Funding Sources** IMP \$102,000

**FY 2015-16 Projected Expenditures** \$102,000

**Total Project Cost** \$102,000

**Impact on Operating Budget** \$100,000 Annually

**PROGRAM: Dallas Clearing of Utilities Phase 2**

**CIP #5295**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** Dallas Clearing of Utilities Phase 2 – Remove and relocate water line in the Dallas Box Culvert

**Total Funding Request** \$685,000

**Funding Sources** CP \$685,000

**FY 2015-16 Projected Expenditures** \$685,000

**Total Project Cost** \$685,000

**Impact on Operating Budget** < \$5,000 Negligible





**APPROVED WATER PROJECTS**

**PROGRAM: Well Rehabilitation**

**CIP #5301**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** Well Rehabilitation – This job is to provide for various improvements to well sites including installation of blow-offs, replacement of obsolete switch gears and motor control centers, and access improvements.

<b>Total Funding Request</b>	\$1,765,000
<b>Funding Sources</b>	IMP \$1,765,000
<b>FY 2015-16 Projected Expenditures</b>	\$1,765,000
<b>Total Project Cost</b>	\$1,000,000 Annually
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: Small Plant Upgrades**

**CIP #5510**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** Small Plant Upgrades – Small in-house upgrades and repairs to the surface water treatment plants such as electric motors and chemical equipment.

<b>Total Funding Request</b>	\$1,973,000
<b>Funding Sources</b>	IMP \$1,973,000
<b>FY 2015-16 Projected Expenditures</b>	\$2,065,000
<b>Total Project Cost</b>	\$750,000 Annually
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: Plant Emergencies**

**CIP #5511**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** Plant Emergencies – Unplanned or emergency repairs to any of the Water Plants

<b>Total Funding Request</b>	\$114,000
<b>Funding Sources</b>	IMP \$114,000
<b>FY 2013-14 Projected Expenditures</b>	\$114,000
<b>Total Project Cost</b>	
<b>Impact on Operating Budget</b>	



**APPROVED WATER PROJECTS**

**PROGRAM: Disinfection Byproduct Rule/Surface Water Rule Compliance**

**CIP #5512**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** Disinfection Byproduct Rule/Surface Water Rule Compliance – Installation of scrubbers for THM control

<b>Total Funding Request</b>	\$324,000
<b>Funding Sources</b>	IMP \$324,000
<b>FY 2015-16 Projected Expenditures</b>	\$454,000
<b>Total Project Cost</b>	\$3,900,000
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: Canal Plant Discharge Lines**

**CIP #5517**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** Canal Plant Discharge Lines – Consolidate the 3 discharge lines at the Canal WTP into one 54" discharge line

<b>Total Funding Request</b>	\$2,942,000
<b>Funding Sources</b>	CP \$2,942,000
<b>FY 2015-16 Projected Expenditures</b>	\$3,832,000
<b>Total Project Cost</b>	\$3,900,000
<b>Impact on Operating Budget</b>	< \$5,000 Negligible

**PROGRAM: Iron Media Replacement**

**CIP #5519**

**PROGRAM CATEGORY** Rehabilitation

**PROJECT** Iron Media Replacement – Replacement of media for arsenic removal

<b>Total Funding Request</b>	\$750,000
<b>Funding Sources</b>	CP \$750,000
<b>FY 2015-16 Projected Expenditures</b>	\$750,000
<b>Total Project Cost</b>	\$750,000
<b>Impact on Operating Budget</b>	\$750,000 Every 3 years



**APPROVED WATER PROJECTS**

**PROGRAM: Meters**

**CIP #6100**

**PROGRAM CATEGORY** New Customers

**PROJECT** Meters – Meters for new customers

**Total Funding Request** \$549,000

**Funding Sources** IMP \$275,000, CIA \$274,000

**FY 2015-16 Projected Expenditures** \$549,000

**Total Project Cost** \$500,000 Annually

**Impact on Operating Budget** None

**PROGRAM: Fire Hydrants**

**CIP #6200**

**PROGRAM CATEGORY** New Customers

**PROJECT** Fire Hydrants – New fire hydrants for developing areas

**Total Funding Request** \$500,000

**Funding Sources** CIA \$500,000

**FY 2015-16 Projected Expenditures** \$500,000

**Total Project Cost** \$5,000,000

**Impact on Operating Budget** <\$5,000 Negligible

**PROGRAM: Extension from Contribution Payments**

**CIP #6500**

**PROGRAM CATEGORY** New Customers

**PROJECT** Extension from Contribution Payments – Customer-financed extension of lines

**Total Funding Request** \$50,000

**Funding Sources** IMP \$50,000

**FY 2015-16 Projected Expenditures** \$50,000

**Total Project Cost** \$50,000 Annually

**Impact on Operating Budget** None





































