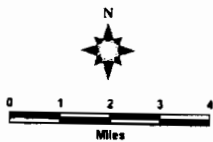
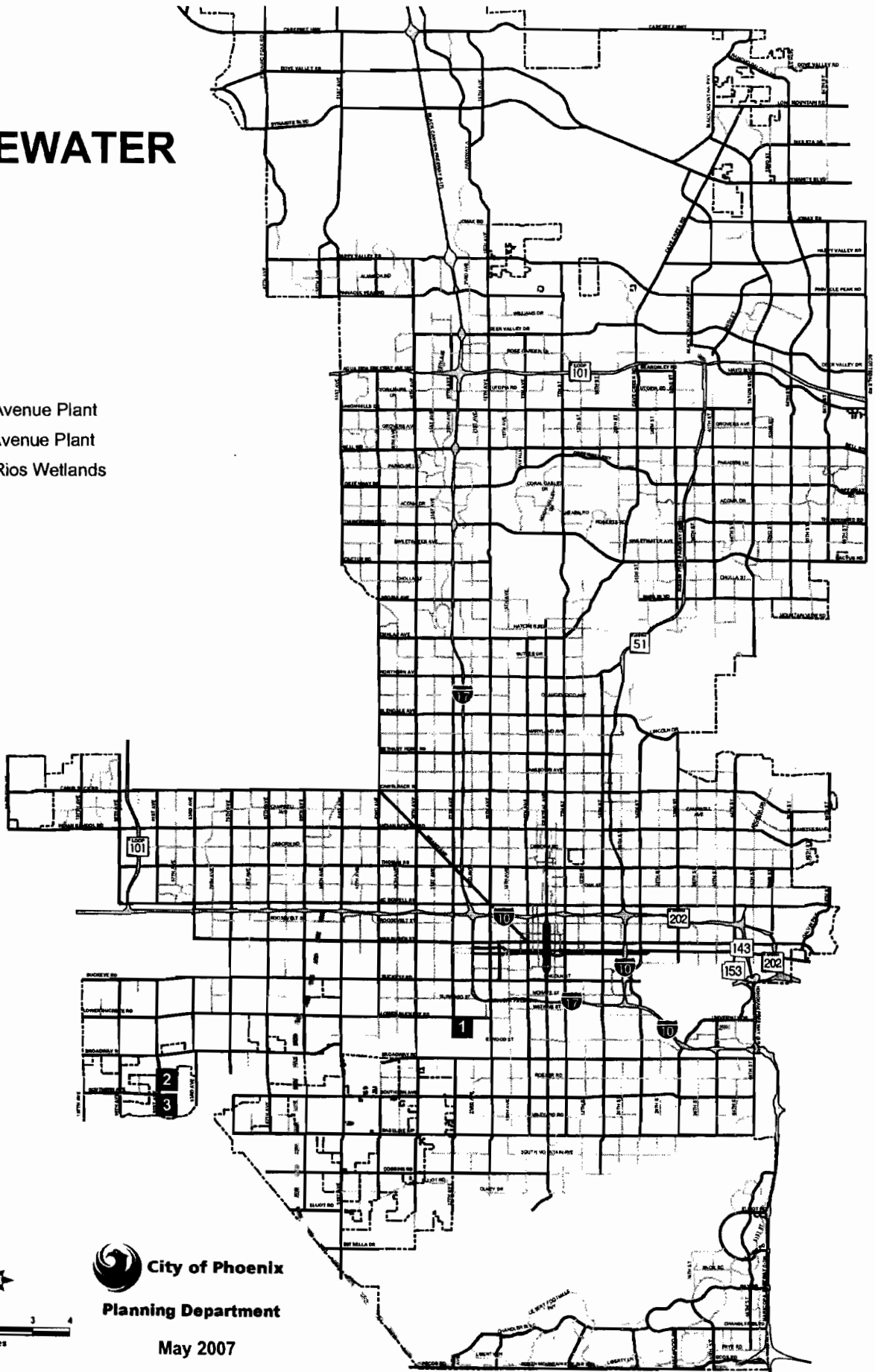


WASTEWATER

- 1** 23rd Avenue Plant
- 2** 91st Avenue Plant
- 3** Tres Rios Wetlands




City of Phoenix
Planning Department
 May 2007

Wastewater

The Wastewater program totals \$914.2 million and is funded with Wastewater operating revenue, Wastewater non-profit corporation bonds, impact fees and other cities' participation in the 91st Avenue Wastewater Treatment Plant Subregional Operating Group (SROG) joint venture.

Major projects planned for the 91st Avenue Wastewater Treatment Plant include unified plant expansion, odor control facilities, and instrumentation and process control systems, metering station upgrades, repair and replacement of equipment.

Other major Wastewater projects include the following:

- Construction of a reuse and river restoration project at Tres Rios
- Design and construction of Salt River Outfall and Southern Avenue Interceptor Parallel sewers to meet wastewater system flow demands
- Construction of odor control facilities for the Salt River Outfall and Southern Avenue Interceptor sewers
- Construction of relief sewers citywide
- Process control and instrumentation projects at the 23rd Avenue Wastewater Treatment Plant
- Repair and replacement of equipment at the 23rd Avenue Wastewater Treatment Plant
- Security improvements at remote facilities
- Sewer lift station improvements and construction of a sewer lift station at 107th Avenue and Roeser Road
- Construction of parallel sections of the Broadway Sewer from 32nd Street to 51st Avenue to provide needed additional capacity
- Rehabilitation of selected sewers of various sizes and materials located throughout the city
- Sewer relocations for light rail

2007-2012 CAPITAL IMPROVEMENT PROGRAM

**Wastewater
Capital Improvement Program Summary**

| Project Summary | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|--|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| 23rd Avenue WWTP | \$ 4,814,000 | \$ 2,330,000 | \$ 1,832,000 | \$ 2,965,000 | \$ 1,750,000 | \$ 13,691,000 |
| 91st Avenue WWTP | 184,841,224 | 13,388,300 | 42,178,300 | 7,843,300 | 5,253,300 | 253,504,424 |
| 91st Avenue WWTP Studies | 1,784,000 | 1,500,000 | - | 50,000 | - | 3,334,000 |
| Automation | 3,000 | 1,100,000 | - | - | - | 1,103,000 |
| Lift Stations | 8,887,319 | 8,935,000 | 53,155,000 | 2,195,000 | 2,235,000 | 75,407,319 |
| Multi-City Sewer Lines | 39,749,000 | 31,124,350 | 8,913,570 | 15,023,798 | 86,968,160 | 181,778,878 |
| Other | 293,900 | - | - | - | - | 293,900 |
| Phoenix Sewers Lines | 108,871,883 | 46,082,618 | 46,263,750 | 51,877,917 | 62,788,622 | 315,884,790 |
| Repayments | 2,849,431 | - | - | 2,740,000 | - | 5,589,431 |
| Tres Rios | 22,256,000 | 5,000,000 | - | - | - | 27,256,000 |
| Wastewater System Studies | 2,894,300 | 4,569,300 | 7,094,300 | 4,839,300 | 5,219,300 | 24,616,500 |
| Debt Issuance Costs | 8,860,000 | - | - | - | - | 8,860,000 |
| Percent for Art | 2,269,600 | 300,000 | 300,000 | - | - | 2,869,600 |
| Total | \$ 388,373,657 | \$ 114,329,568 | \$ 159,736,920 | \$ 87,534,315 | \$ 164,214,382 | \$ 914,188,842 |
| Source of Funds | | | | | | |
| Operating Funds | | | | | | |
| Wastewater Revenues | \$ 45,151,931 | \$ 38,719,890 | \$ 39,614,452 | \$ 56,223,798 | \$ 41,976,000 | \$ 221,686,071 |
| Bond Funds | | | | | | |
| 2006 Bonds | \$ 44,360 | \$ - | \$ - | \$ - | \$ - | \$ 44,360 |
| Non-profit Corporation Bonds - Wastewater | 232,116,690 | 47,732,055 | 98,725,668 | 15,152,037 | 93,304,448 | 487,030,898 |
| Total Bond Funds | \$ 232,161,050 | \$ 47,732,055 | \$ 98,725,668 | \$ 15,152,037 | \$ 93,304,448 | \$ 487,075,258 |
| Other Financing | | | | | | |
| Impact Fees | \$ 17,764,579 | \$ 6,800,000 | \$ - | \$ - | \$ - | \$ 24,564,579 |
| Other Cities' Share in Joint Ventures | 93,296,097 | 21,077,623 | 21,396,800 | 16,158,480 | 28,933,934 | 180,862,934 |
| Total Other Financing | \$ 111,060,676 | \$ 27,877,623 | \$ 21,396,800 | \$ 16,158,480 | \$ 28,933,934 | \$ 205,427,513 |
| Total Sources of Funds | \$ 388,373,657 | \$ 114,329,568 | \$ 159,736,920 | \$ 87,534,315 | \$ 164,214,382 | \$ 914,188,842 |

City of Phoenix, Arizona
2007-2012 Capital Improvement Program
Wastewater

| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|---|--|--------------------|-----------------------------------|--------------------|--------------------|---------------------------|--------------------|
| WS90200001 | 23RD AVE WASTEWATER TREATMENT PLANT REPLACEMENT FUND | | | | | | |
| | | | Function: 23rd Avenue WWTP | | | District: 3 | |
| | Provide for repair and replacement of 23rd Ave Wastewater Treatment Plant equipment. | | | | | | |
| Other | | 64,000 | - | - | - | - | 64,000 |
| Equipment | | 1,485,000 | 1,540,000 | 1,587,000 | 1,700,000 | 1,750,000 | 8,062,000 |
| Project Total | | \$1,549,000 | \$1,540,000 | \$1,587,000 | \$1,700,000 | \$1,750,000 | \$8,126,000 |
| Wastewater Revenues | | 64,000 | - | - | - | - | 64,000 |
| Wastewater Replacement - 23rd Avenue WWTP | | 1,485,000 | 1,540,000 | 1,587,000 | 1,700,000 | 1,750,000 | 8,062,000 |
| Funding Total | | \$1,549,000 | \$1,540,000 | \$1,587,000 | \$1,700,000 | \$1,750,000 | \$8,126,000 |
| WS90200003 | 23RD AVE WWTP PROCESS CONTROL IMPRVMNT | | | | | | |
| | | | Function: 23rd Avenue WWTP | | | District: Citywide | |
| | Complete instrumentation and control improvements for the 23rd Ave WWTP. | | | | | | |
| Other | | 5,000 | - | - | - | - | 5,000 |
| Project Total | | \$5,000 | - | - | - | - | \$5,000 |
| Wastewater Revenues | | 5,000 | - | - | - | - | 5,000 |
| Funding Total | | \$5,000 | - | - | - | - | \$5,000 |
| WS90200023 | 23RD AVE TOXICITY IDENTIFICATION AND REDUCTION EVALUATION | | | | | | |
| | | | Function: 23rd Avenue WWTP | | | District: 3 | |
| | Consultant to perform toxicity identification and reduction evaluation. | | | | | | |
| Other | | 5,000 | - | - | - | - | 5,000 |
| Design | | 100,000 | - | - | - | - | 100,000 |
| Project Total | | \$105,000 | - | - | - | - | \$105,000 |
| Wastewater Revenues | | 105,000 | - | - | - | - | 105,000 |
| Funding Total | | \$105,000 | - | - | - | - | \$105,000 |
| WS90200027 | OPERABILITY PHASE II/SUPPORT SYSTEMS | | | | | | |
| | | | Function: 23rd Avenue WWTP | | | District: 3 | |
| | Design and construct Phase II operational improvements to increase plant efficiency. | | | | | | |
| Other | | 10,000 | - | - | - | - | 10,000 |
| Design | | 200,000 | - | - | - | - | 200,000 |
| Construction | | 2,000,000 | - | - | - | - | 2,000,000 |
| Project Total | | \$2,210,000 | - | - | - | - | \$2,210,000 |
| Wastewater Revenues | | 2,210,000 | - | - | - | - | 2,210,000 |
| Funding Total | | \$2,210,000 | - | - | - | - | \$2,210,000 |
| WS90200032 | 23RD AVE WASTEWATER TREATMENT PLANT-DISTRIBUTED CONTROL SYSTEM | | | | | | |
| | | | Function: 23rd Avenue WWTP | | | District: 3 | |
| | Replace the Distributed Control System (DCS) at 23rd Ave Wastewater Treatment Plant. | | | | | | |
| Other | | 33,000 | - | - | - | - | 33,000 |
| Project Total | | \$33,000 | - | - | - | - | \$33,000 |
| Wastewater Revenues | | 33,000 | - | - | - | - | 33,000 |
| Funding Total | | \$33,000 | - | - | - | - | \$33,000 |

City of Phoenix, Arizona
2007-2012 Capital Improvement Program
Wastewater

| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|----------------------|--|------------------|------------------|------------------|------------------|----------------|--------------------|
| WS90200033 | 23RD AVE WASTEWATER TREATMENT PLANT-3 PHASE DIGESTOR CONVERSION | | | | | | |
| | Function: 23rd Avenue WWTP | | | | | | |
| | District: 3 | | | | | | |
| | Complete digester conversion at the 23rd Ave Wastewater Treatment Plant from Phase 2 to Phase 3 digestion. | | | | | | |
| Other | | 10,000 | - | - | - | - | 10,000 |
| Project Total | | \$10,000 | - | - | - | - | \$10,000 |
| Wastewater Revenues | | 10,000 | - | - | - | - | 10,000 |
| Funding Total | | \$10,000 | - | - | - | - | \$10,000 |
| WS90200037 | INSTRUMENTATION AND CONTROLS INSPECTIONS | | | | | | |
| | Function: 23rd Avenue WWTP | | | | | | |
| | District: 3 | | | | | | |
| | Provide inspection for instrumentation and control projects at the 23rd Ave Wastewater Treatment Plant. | | | | | | |
| Other | | 20,000 | - | - | - | - | 20,000 |
| Design | | - | - | - | 685,000 | - | 685,000 |
| Project Total | | \$20,000 | - | - | \$685,000 | - | \$705,000 |
| Wastewater Revenues | | 20,000 | - | - | - | - | 20,000 |
| Nonprofit CIC Bonds | | - | - | - | 685,000 | - | 685,000 |
| Funding Total | | \$20,000 | - | - | \$685,000 | - | \$705,000 |
| WS90200038 | 23RD AVE WASTEWATER TREATMENT PLANT - PROCESS CONTROL OPTIMIZATION | | | | | | |
| | Function: 23rd Avenue WWTP | | | | | | |
| | District: 3 | | | | | | |
| | Construct improvements to increase efficiency of existing control systems. | | | | | | |
| Study | | - | 550,000 | - | 580,000 | - | 1,130,000 |
| Other | | 11,000 | - | - | - | - | 11,000 |
| Project Total | | \$11,000 | \$550,000 | - | \$580,000 | - | \$1,141,000 |
| Wastewater Revenues | | 11,000 | 550,000 | - | 580,000 | - | 1,141,000 |
| Funding Total | | \$11,000 | \$550,000 | - | \$580,000 | - | \$1,141,000 |
| WS90200041 | PROCESS CONTROL NETWORK - 23RD AVE WASTEWATER TREATMENT PLANT | | | | | | |
| | Function: 23rd Avenue WWTP | | | | | | |
| | District: 3 | | | | | | |
| | Completion of primary, redundant or diverse telecommunications and data network connectivity at the 23rd Ave Wastewater Treatment Plant. | | | | | | |
| Other | | 11,000 | - | - | - | - | 11,000 |
| Project Total | | \$11,000 | - | - | - | - | \$11,000 |
| Wastewater Revenues | | 11,000 | - | - | - | - | 11,000 |
| Funding Total | | \$11,000 | - | - | - | - | \$11,000 |
| WS90200042 | 23RD AVE VARIABLE FLUID DRIVE REPLACEMENT PROGRAM | | | | | | |
| | Function: 23rd Avenue WWTP | | | | | | |
| | District: 3 | | | | | | |
| | Replace Variable Fluid Drives throughout the plant as they reach the end of their mechanical life. | | | | | | |
| Other | | 15,000 | - | - | - | - | 15,000 |
| Equipment | | 230,000 | 240,000 | 245,000 | - | - | 715,000 |
| Project Total | | \$245,000 | \$240,000 | \$245,000 | - | - | \$730,000 |
| Wastewater Revenues | | 245,000 | 240,000 | 245,000 | - | - | 730,000 |
| Funding Total | | \$245,000 | \$240,000 | \$245,000 | - | - | \$730,000 |

City of Phoenix, Arizona
2007-2012 Capital Improvement Program
Wastewater

| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|-----------------------------------|--|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|
| WS90200046 | 23RD AVE / CAVE CREEK LOCAL LIMITS PHASE III Function: 23rd Avenue WWTP Local limits study at 23rd Ave WWTP and Cave Creek. | | | | | | District: Citywide |
| Other | | 15,000 | - | - | - | - | 15,000 |
| Design | | 600,000 | - | - | - | - | 600,000 |
| Project Total | | \$615,000 | - | - | - | - | \$615,000 |
| Wastewater Revenues | | 615,000 | - | - | - | - | 615,000 |
| Funding Total | | \$615,000 | - | - | - | - | \$615,000 |
| WS90100001 | 91ST AVE REPLACEMENT FUND Function: 91st Avenue WWTP Repair and replace 91st Ave Wastewater Treatment Plant (WWTP) equipment. | | | | | | District: 7 |
| Equipment | | 5,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 21,000,000 |
| Project Total | | \$5,000,000 | \$4,000,000 | \$4,000,000 | \$4,000,000 | \$4,000,000 | \$21,000,000 |
| SROG Replacement Fund | | 5,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 21,000,000 |
| Funding Total | | \$5,000,000 | \$4,000,000 | \$4,000,000 | \$4,000,000 | \$4,000,000 | \$21,000,000 |
| WS90100021 | 91ST AVE TRE / TIE PROGRAM Function: 91st Avenue WWTP Evaluate toxicity reduction for the 91st Ave Wastewater Treatment Plant. | | | | | | District: 7 |
| Design | | 100,000 | - | - | - | - | 100,000 |
| Project Total | | \$100,000 | - | - | - | - | \$100,000 |
| Wastewater Revenues | | 54,200 | - | - | - | - | 54,200 |
| SROG - Other Cities Participation | | 45,800 | - | - | - | - | 45,800 |
| Funding Total | | \$100,000 | - | - | - | - | \$100,000 |
| WS90100038 | 91ST AVE WASTEWATER TREATMENT PLANT - ODOR FACILITIES PHASE II Function: 91st Avenue WWTP Install scrubbers and primary basin covers for Plants 1, 2, and 3. Estimated full-year ongoing operating costs: \$820,000 | | | | | | District: 7 |
| Design | | - | 3,000,000 | 3,000,000 | - | - | 6,000,000 |
| Construction | | - | - | 34,000,000 | - | - | 34,000,000 |
| Project Total | | - | \$3,000,000 | \$37,000,000 | - | - | \$40,000,000 |
| SROG - Other Cities Participation | | - | 1,306,800 | 16,117,200 | - | - | 17,424,000 |
| Nonprofit CIC Bonds | | - | - | 20,882,800 | - | - | 20,882,800 |
| 2008 CIC Wastewater Bonds | | - | 1,693,200 | - | - | - | 1,693,200 |
| Funding Total | | - | \$3,000,000 | \$37,000,000 | - | - | \$40,000,000 |
| WS90100051 | INSTRUMENTATION AND CONTROLS INSPECTION Function: 91st Avenue WWTP Provide inspection services for instrumentation and controls projects. | | | | | | District: 7 |
| Other | | 18,000 | - | - | - | - | 18,000 |
| Design | | - | 2,000,000 | - | 2,000,000 | - | 4,000,000 |
| Project Total | | \$18,000 | \$2,000,000 | - | \$2,000,000 | - | \$4,018,000 |
| Wastewater Revenues | | 10,159 | 1,128,800 | - | 1,128,800 | - | 2,267,759 |
| SROG - Other Cities Participation | | 7,841 | 871,200 | - | 871,200 | - | 1,750,241 |
| Funding Total | | \$18,000 | \$2,000,000 | - | \$2,000,000 | - | \$4,018,000 |

City of Phoenix, Arizona
2007-2012 Capital Improvement Program
Wastewater

| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|--|--|----------------------|--------------------|------------------|--------------------|------------------|----------------------|
| WS90100056 | UNIFIED PLANT 01 | | | | | | |
| | Function: 91st Avenue WWTP | | | | | | |
| | District: 7 | | | | | | |
| | Provide for legal expenses to complete construction of Unified Plant (UP01) expansion | | | | | | |
| Other | | 156,000 | - | - | - | - | 156,000 |
| Construction | | 2,000,000 | - | - | - | - | 2,000,000 |
| Project Total | | \$2,156,000 | - | - | - | - | \$2,156,000 |
| Wastewater Revenues | | 926,864 | - | - | - | - | 926,864 |
| SROG - Other Cities Participation | | 1,229,136 | - | - | - | - | 1,229,136 |
| Funding Total | | \$2,156,000 | - | - | - | - | \$2,156,000 |
| WS90100057 | 91ST AVE WASTEWATER TREATMENT PLANT - UNIFIED PLANT 05 EXPANSION | | | | | | |
| | Function: 91st Avenue WWTP | | | | | | |
| | District: 7 | | | | | | |
| | Design and construct 91st Ave Wastewater Treatment Plant - Unified Plant (UP05) Expansion. | | | | | | |
| | Estimated full-year ongoing operating costs: | \$780,000 | | | | | |
| Other | | 209,000 | - | - | - | - | 209,000 |
| Design | | 13,000,000 | - | - | - | - | 13,000,000 |
| Construction | | 159,310,758 | - | - | - | - | 159,310,758 |
| Project Total | | \$172,519,758 | - | - | - | - | \$172,519,758 |
| SROG - Other Cities Participation | | 58,397,938 | - | - | - | - | 58,397,938 |
| Impact Fee - Deer Valley 1, Wastewater | | 1,003,166 | - | - | - | - | 1,003,166 |
| 2008 CIC Wastewater Bonds | | 102,733,104 | - | - | - | - | 102,733,104 |
| 2006 CIC Wastewater Bonds | | 10,385,550 | - | - | - | - | 10,385,550 |
| Funding Total | | \$172,519,758 | - | - | - | - | \$172,519,758 |
| WS90100059 | POWER LINE RELOCATION | | | | | | |
| | Function: 91st Avenue WWTP | | | | | | |
| | District: 7 | | | | | | |
| | Design and relocate 500 kilovolt by SRP in advance of UP05 and future expansions. | | | | | | |
| Other | | 32,000 | - | - | - | - | 32,000 |
| Design | | 350,000 | - | - | - | - | 350,000 |
| Construction | | - | 3,300,000 | - | - | - | 3,300,000 |
| Project Total | | \$382,000 | \$3,300,000 | - | - | - | \$3,682,000 |
| Wastewater Revenues | | 215,601 | 1,862,520 | - | - | - | 2,078,121 |
| SROG - Other Cities Participation | | 166,399 | 1,437,480 | - | - | - | 1,603,879 |
| Funding Total | | \$382,000 | \$3,300,000 | - | - | - | \$3,682,000 |
| WS90100061 | PROCESS CONTROL OPTIMIZATION | | | | | | |
| | Function: 91st Avenue WWTP | | | | | | |
| | District: 7 | | | | | | |
| | Increase efficiency of existing control systems. | | | | | | |
| Study | | 1,550,000 | 550,000 | 565,000 | 580,000 | 600,000 | 3,845,000 |
| Other | | 25,000 | - | - | - | - | 25,000 |
| Project Total | | \$1,575,000 | \$550,000 | \$565,000 | \$580,000 | \$600,000 | \$3,870,000 |
| Wastewater Revenues | | 888,930 | 310,420 | 318,886 | 327,352 | 338,640 | 2,184,228 |
| SROG - Other Cities Participation | | 686,070 | 239,580 | 246,114 | 252,648 | 261,360 | 1,685,772 |
| Funding Total | | \$1,575,000 | \$550,000 | \$565,000 | \$580,000 | \$600,000 | \$3,870,000 |
| WS90100062 | SUBREGIONAL OPERATING GROUP JOINT EXECUTIVE POWER AGREEMENT REPORTING | | | | | | |
| | Function: 91st Avenue WWTP | | | | | | |
| | District: 7 | | | | | | |
| | Costs associated with the Subregional Operating Group - Joint Executive Power Agreement reporting. | | | | | | |
| Design | | 515,000 | 535,000 | 610,000 | 1,260,000 | 650,000 | 3,570,000 |
| Project Total | | \$515,000 | \$535,000 | \$610,000 | \$1,260,000 | \$650,000 | \$3,570,000 |
| Wastewater Revenues | | 103,000 | 107,000 | 122,000 | 252,000 | 130,000 | 714,000 |
| SROG - Other Cities Participation | | 412,000 | 428,000 | 488,000 | 1,008,000 | 520,000 | 2,856,000 |
| Funding Total | | \$515,000 | \$535,000 | \$610,000 | \$1,260,000 | \$650,000 | \$3,570,000 |

City of Phoenix, Arizona
2007-2012 Capital Improvement Program
Wastewater

| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|-----------------------------------|---|--------------------|----------------|----------------|----------------|----------------|--------------------|
| WS90100063 | INSTRUMENTATION AND CONTROL INSPECTION- UP05 PLANT EXPANSION | | | | | | |
| | | | | | | | |
| | Function: 91st Avenue WWTP | | | | | | |
| | District: 7 | | | | | | |
| | Inspect and test instrumentation and control facilities for Unified Plant 05 construction. | | | | | | |
| Other | | 16,000 | - | - | - | - | 16,000 |
| Design | | 1,490,000 | - | - | - | - | 1,490,000 |
| Project Total | | \$1,506,000 | - | - | - | - | \$1,506,000 |
| Wastewater Revenues | | 849,986 | - | - | - | - | 849,986 |
| SROG - Other Cities Participation | | 656,014 | - | - | - | - | 656,014 |
| Funding Total | | \$1,506,000 | - | - | - | - | \$1,506,000 |
| WS90100065 | 91ST AVE WASTEWATER TREATMENT PLANT - PROCESS CONTROL UPGRADES | | | | | | |
| | | | | | | | |
| | Function: 91st Avenue WWTP | | | | | | |
| | District: 7 | | | | | | |
| | Complete process control upgrades. | | | | | | |
| Other | | 2,000 | - | - | - | - | 2,000 |
| Project Total | | \$2,000 | - | - | - | - | \$2,000 |
| Wastewater Revenues | | 1,129 | - | - | - | - | 1,129 |
| SROG - Other Cities Participation | | 871 | - | - | - | - | 871 |
| Funding Total | | \$2,000 | - | - | - | - | \$2,000 |
| WS90100067 | PROCESS CONTROL NETWORK IMPLEMENTATION AT 91ST AVE WASTEWATER TREATMENT PLANT | | | | | | |
| | | | | | | | |
| | Function: 91st Avenue WWTP | | | | | | |
| | District: 7 | | | | | | |
| | Install primary, redundant, or diverse telecommunications and data network connectivity at 91st Ave Wastewater Treatment Plant. | | | | | | |
| Other | | 17,000 | - | - | - | - | 17,000 |
| Project Total | | \$17,000 | - | - | - | - | \$17,000 |
| Wastewater Revenues | | 11,245 | - | - | - | - | 11,245 |
| SROG - Other Cities Participation | | 5,755 | - | - | - | - | 5,755 |
| Funding Total | | \$17,000 | - | - | - | - | \$17,000 |
| WS90100069 | 91ST AVE SUPPORT SYSTEMS UPGRADE PHASE 1 | | | | | | |
| | | | | | | | |
| | Function: 91st Avenue WWTP | | | | | | |
| | District: 7 | | | | | | |
| | Complete phase one of support system upgrades. | | | | | | |
| Other | | 10,000 | - | - | - | - | 10,000 |
| Project Total | | \$10,000 | - | - | - | - | \$10,000 |
| Wastewater Revenues | | 5,420 | - | - | - | - | 5,420 |
| SROG - Other Cities Participation | | 4,580 | - | - | - | - | 4,580 |
| Funding Total | | \$10,000 | - | - | - | - | \$10,000 |
| WS90100071 | UNIFIED PLANT 01 COMPLETION PROJECT | | | | | | |
| | | | | | | | |
| | Function: 91st Avenue WWTP | | | | | | |
| | District: 7 | | | | | | |
| | Complete the Unified Plant 01 expansion. | | | | | | |
| | Estimated full-year ongoing operating costs: | \$80,000 | | | | | |
| Other | | 758,166 | - | - | - | - | 758,166 |
| Design | | 245,000 | - | - | - | - | 245,000 |
| Project Total | | \$1,003,166 | - | - | - | - | \$1,003,166 |
| SROG - Other Cities Participation | | 571,905 | - | - | - | - | 571,905 |
| Impact Fee - Ahwatukee, East - WW | | 431,261 | - | - | - | - | 431,261 |
| Funding Total | | \$1,003,166 | - | - | - | - | \$1,003,166 |

City of Phoenix, Arizona
2007-2012 Capital Improvement Program
Wastewater

| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|---|--|--------------------|--------------------|---------------------|------------------|------------------|---------------------|
| WS90120033 | 91ST AVE WASTEWATER TREATMENT PLANT UP10 FLOW AND LOADING PROJECTIONS | | | | | | |
| | Function: 91st Avenue WWTP Studies | | | | | | |
| | District: Citywide | | | | | | |
| | Study the 91st Ave Wastewater Treatment Plant (UP10) Flow and Loading. | | | | | | |
| Study | | - | 900,000 | - | - | - | 900,000 |
| Project Total | | - | \$900,000 | - | - | - | \$900,000 |
| Wastewater Development Occupational Fee | | - | 180,000 | - | - | - | 180,000 |
| SROG - Other Cities Participation | | - | 720,000 | - | - | - | 720,000 |
| Funding Total | | - | \$900,000 | - | - | - | \$900,000 |
| WS90660003 | EOMM CONTENT UPDATE&USER TRAINING | | | | | | |
| | Function: Automation | | | | | | |
| | District: Citywide | | | | | | |
| | Prepare Electronic Operations & Maintenance Manuals (EOMM) and training in the Information Access System (IAS) | | | | | | |
| Other | | 3,000 | - | - | - | - | 3,000 |
| Project Total | | \$3,000 | - | - | - | - | \$3,000 |
| Wastewater Revenues | | 3,000 | - | - | - | - | 3,000 |
| Funding Total | | \$3,000 | - | - | - | - | \$3,000 |
| WS90660004 | CSD MOBILE FIELD WORK ORDER SYSTEM WW | | | | | | |
| | Function: Automation | | | | | | |
| | District: Citywide | | | | | | |
| | Develop mobile wireless field work order system to interface with the CIS mobile work management system. | | | | | | |
| Equipment | | - | 1,100,000 | - | - | - | 1,100,000 |
| Project Total | | - | \$1,100,000 | - | - | - | \$1,100,000 |
| 2008 CIC Wastewater Bonds | | - | 1,100,000 | - | - | - | 1,100,000 |
| Funding Total | | - | \$1,100,000 | - | - | - | \$1,100,000 |
| WS90450001 | REMODEL AND RELOCATE | | | | | | |
| | Function: Buildings | | | | | | |
| | District: 8 | | | | | | |
| | Relocate staff from City Hall to another downtown location. | | | | | | |
| Construction | | 293,900 | - | - | - | - | 293,900 |
| Project Total | | \$293,900 | - | - | - | - | \$293,900 |
| 2006 CIC Wastewater Bonds | | 293,900 | - | - | - | - | 293,900 |
| Funding Total | | \$293,900 | - | - | - | - | \$293,900 |
| WS90400018 | LIFT STATION EXPANSIONS | | | | | | |
| | Function: Lift Stations | | | | | | |
| | District: 7 | | | | | | |
| | Construct lift station expansions. | | | | | | |
| Other | | 12,000 | - | - | - | - | 12,000 |
| Construction | | 935,000 | 935,000 | 935,000 | 935,000 | 935,000 | 4,675,000 |
| Project Total | | \$947,000 | \$935,000 | \$935,000 | \$935,000 | \$935,000 | \$4,687,000 |
| Wastewater Development Occupational Fee | | 947,000 | 935,000 | 935,000 | 935,000 | 935,000 | 4,687,000 |
| Funding Total | | \$947,000 | \$935,000 | \$935,000 | \$935,000 | \$935,000 | \$4,687,000 |
| WS90400019 | LIFT STATION - 107TH AVE AND ROESER | | | | | | |
| | Function: Lift Stations | | | | | | |
| | District: 7 | | | | | | |
| | Acquire land, design and construct a lift station at 107th Ave and Roeser Road. | | | | | | |
| Other | | 415,319 | - | - | - | - | 415,319 |
| Land Acquisition | | 1,000,000 | - | - | - | - | 1,000,000 |
| Design | | - | 6,000,000 | 4,000,000 | - | - | 10,000,000 |
| Construction | | - | - | 47,000,000 | - | - | 47,000,000 |
| Project Total | | \$1,415,319 | \$6,000,000 | \$51,000,000 | - | - | \$58,415,319 |
| Impact Fee - Estrella, South -WW | | 415,319 | 6,000,000 | - | - | - | 6,415,319 |
| 2008 CIC Wastewater Bonds | | - | - | 51,000,000 | - | - | 51,000,000 |
| 2006 CIC Wastewater Bonds | | 1,000,000 | - | - | - | - | 1,000,000 |
| Funding Total | | \$1,415,319 | \$6,000,000 | \$51,000,000 | - | - | \$58,415,319 |

City of Phoenix, Arizona
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Wastewater

| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|--------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| WS90400022 | LIFT STATION 51 STRUCTURAL REPAIRS | | | | | | |
| | Repair lift station at Union Hills and Tatum Boulevard. | | | | | | |
| | | | | | | | |
| | Other | 56,000 | - | - | - | - | 56,000 |
| | Construction | 1,450,000 | - | - | - | - | 1,450,000 |
| | Project Total | \$1,506,000 | - | - | - | - | \$1,506,000 |
| | 2006 CIC Wastewater Bonds | 1,506,000 | - | - | - | - | 1,506,000 |
| | Funding Total | \$1,506,000 | - | - | - | - | \$1,506,000 |
| WS90400023 | LIFT STATION REPLACEMENT | | | | | | |
| | Repair and replacement of sewer lift stations. | | | | | | |
| | | | | | | | |
| | Other | 52,000 | - | - | - | - | 52,000 |
| | Construction | 800,000 | 1,200,000 | 1,220,000 | 1,260,000 | 1,300,000 | 5,780,000 |
| | Project Total | \$852,000 | \$1,200,000 | \$1,220,000 | \$1,260,000 | \$1,300,000 | \$5,832,000 |
| | Wastewater Revenues | 852,000 | 1,200,000 | - | 1,260,000 | 1,300,000 | 4,612,000 |
| | Nonprofit CIC Bonds | - | - | 1,220,000 | - | - | 1,220,000 |
| | Funding Total | \$852,000 | \$1,200,000 | \$1,220,000 | \$1,260,000 | \$1,300,000 | \$5,832,000 |
| WS90400025 | SCADA UPGRADES FOR WASTEWATER COLLECTION | | | | | | |
| | Upgrade the Wastewater Supervisory Control and Data Acquisition (SCADA) system for the collection system. | | | | | | |
| | | | | | | | |
| | Other | 28,000 | - | - | - | - | 28,000 |
| | Construction | 3,545,000 | - | - | - | - | 3,545,000 |
| | Project Total | \$3,573,000 | - | - | - | - | \$3,573,000 |
| | 2006 CIC Wastewater Bonds | 3,573,000 | - | - | - | - | 3,573,000 |
| | Funding Total | \$3,573,000 | - | - | - | - | \$3,573,000 |
| WS90400026 | RCEP - WASTEWATER REMOTE FACILITIES | | | | | | |
| | Evaluate regulatory compliance for Excellence Program (RCEP) Wastewater Remote Facilities | | | | | | |
| | | | | | | | |
| | Other | 17,000 | - | - | - | - | 17,000 |
| | Project Total | \$17,000 | - | - | - | - | \$17,000 |
| | Wastewater Revenues | 17,000 | - | - | - | - | 17,000 |
| | Funding Total | \$17,000 | - | - | - | - | \$17,000 |
| WS90400027 | LIFT STATION #63 ABANDONMENT | | | | | | |
| | Complete gravity sewer Lift Station #63 abandonment. | | | | | | |
| | | | | | | | |
| | Other | 12,000 | - | - | - | - | 12,000 |
| | Project Total | \$12,000 | - | - | - | - | \$12,000 |
| | Wastewater Revenues | 12,000 | - | - | - | - | 12,000 |
| | Funding Total | \$12,000 | - | - | - | - | \$12,000 |
| WS90400028 | 75TH AVE/SOUTHERN LIFT STATION | | | | | | |
| | Construct additional capacity for the 75th Ave and Southern Lift Station. | | | | | | |
| | | | | | | | |
| | Other | 11,000 | - | - | - | - | 11,000 |
| | Design | 200,000 | - | - | - | - | 200,000 |
| | Construction | - | 800,000 | - | - | - | 800,000 |
| | Project Total | \$211,000 | \$800,000 | - | - | - | \$1,011,000 |
| | Impact Fee - Laveen, Wastewater | 211,000 | 800,000 | - | - | - | 1,011,000 |
| | Funding Total | \$211,000 | \$800,000 | - | - | - | \$1,011,000 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|----------------------|--|-----------------|----------------|----------------|----------------|----------------|-----------------|
| WS90400029 | DYNAMITE MOUNTAIN RANCH LIFT STATION 65 | | | | | | |
| | Function: Lift Stations | | | | | | |
| | District: 2 | | | | | | |
| | Provide for inspection services for construction of the Dynamite Mountain Ranch lift station and force main. | | | | | | |
| | Estimated full-year ongoing operating costs: | \$60,000 | | | | | |
| Other | | 20,000 | - | - | - | - | 20,000 |
| Project Total | | \$20,000 | - | - | - | - | \$20,000 |
| Wastewater Revenues | | 20,000 | - | - | - | - | 20,000 |
| Funding Total | | \$20,000 | - | - | - | - | \$20,000 |
| WS90400030 | COMPREHENSIVE LIFT STATION ODOR CONTROL STUDY | | | | | | |
| | Function: Lift Stations | | | | | | |
| | District: Citywide | | | | | | |
| | Evaluate odor problems at each lift station and develop study plans and recommendations for each site. | | | | | | |
| Other | | 5,000 | - | - | - | - | 5,000 |
| Project Total | | \$5,000 | - | - | - | - | \$5,000 |
| Wastewater Revenues | | 5,000 | - | - | - | - | 5,000 |
| Funding Total | | \$5,000 | - | - | - | - | \$5,000 |
| WS90400031 | COMPREHENSIVE LIFT STATION FLOW CAPACITY | | | | | | |
| | Function: Lift Stations | | | | | | |
| | District: Citywide | | | | | | |
| | Evaluate influent sewer, wetwell, and pumping and discharge force main capacity at all lift stations. | | | | | | |
| Other | | 5,000 | - | - | - | - | 5,000 |
| Project Total | | \$5,000 | - | - | - | - | \$5,000 |
| Wastewater Revenues | | 5,000 | - | - | - | - | 5,000 |
| Funding Total | | \$5,000 | - | - | - | - | \$5,000 |
| WS90400032 | ANTHEM WEST LIFT STATION NO. 68 AND FORCE MAIN | | | | | | |
| | Function: Lift Stations | | | | | | |
| | District: 1 | | | | | | |
| | Provide inspection services for the Anthem West Lift Station and force main construction. | | | | | | |
| | Estimated full-year ongoing operating costs: | \$50,000 | | | | | |
| Other | | 45,000 | - | - | - | - | 45,000 |
| Project Total | | \$45,000 | - | - | - | - | \$45,000 |
| Wastewater Revenues | | 45,000 | - | - | - | - | 45,000 |
| Funding Total | | \$45,000 | - | - | - | - | \$45,000 |
| WS90400033 | LIFT STATION #62 EXPANSION | | | | | | |
| | Function: Lift Stations | | | | | | |
| | District: 7 | | | | | | |
| | Complete existing lift station expansion at 91st Ave and Broadway. | | | | | | |
| Other | | 11,000 | - | - | - | - | 11,000 |
| Project Total | | \$11,000 | - | - | - | - | \$11,000 |
| Wastewater Revenues | | 11,000 | - | - | - | - | 11,000 |
| Funding Total | | \$11,000 | - | - | - | - | \$11,000 |
| WS90400034 | LIFT STATION #58 EXPANSION | | | | | | |
| | Function: Lift Stations | | | | | | |
| | District: 3 | | | | | | |
| | Complete lift station expansion at 20th St and Maryland Ave. | | | | | | |
| Other | | 9,000 | - | - | - | - | 9,000 |
| Project Total | | \$9,000 | - | - | - | - | \$9,000 |
| Wastewater Revenues | | 9,000 | - | - | - | - | 9,000 |
| Funding Total | | \$9,000 | - | - | - | - | \$9,000 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|--------------------|--|-----------------|----------------|----------------|----------------|----------------|-----------------|
| WS90400035 | LIFT STATION #56 ASSESS & DESIGN | | | | | | |
| | Complete lift station No. 56 rehabilitation at 7th Ave and Pecos Rd. | | | | | | |
| | | | | | | | |
| | Other | 9,000 | - | - | - | - | 9,000 |
| | Project Total | \$9,000 | - | - | - | - | \$9,000 |
| | Wastewater Revenues | 9,000 | - | - | - | - | 9,000 |
| | Funding Total | \$9,000 | - | - | - | - | \$9,000 |
| WS90400036 | COLLECTIONS PLC REPLACEMENT I&C INSPECTION | | | | | | |
| | Provide instrumentation and control inspection services to the Collections PLC replacement project. The programmable logic control (PLC) at all lift stations needs to be in communication with the computer control system. | | | | | | |
| | | | | | | | |
| | Other | 37,000 | - | - | - | - | 37,000 |
| | Project Total | \$37,000 | - | - | - | - | \$37,000 |
| | 2006 CIC Wastewater Bonds | 37,000 | - | - | - | - | 37,000 |
| | Funding Total | \$37,000 | - | - | - | - | \$37,000 |
| WS90400037 | LIFT STATION #54 ASSESSMENT/DESIGN | | | | | | |
| | Complete new pumps, electrical and instrumentation of lift station located at 372 E. Lincoln Dr. | | | | | | |
| | | | | | | | |
| | Other | 6,000 | - | - | - | - | 6,000 |
| | Project Total | \$6,000 | - | - | - | - | \$6,000 |
| | Wastewater Revenues | 6,000 | - | - | - | - | 6,000 |
| | Funding Total | \$6,000 | - | - | - | - | \$6,000 |
| WS90400038 | LIFT STATION #46 ASSESSMENT/DESIGN | | | | | | |
| | Complete new scrubber, electrical and instrumentation of life station at 10652 W. Indian School Rd. | | | | | | |
| | | | | | | | |
| | Other | 6,000 | - | - | - | - | 6,000 |
| | Project Total | \$6,000 | - | - | - | - | \$6,000 |
| | Wastewater Revenues | 6,000 | - | - | - | - | 6,000 |
| | Funding Total | \$6,000 | - | - | - | - | \$6,000 |
| WS90400039 | LIFT STATION #49 ASSESSMENT/DESIGN | | | | | | |
| | Complete pumps, electrical, instrumentation and odor scrubber at lift station located at 1239 E. Orangewood Ave. | | | | | | |
| | | | | | | | |
| | Other | 6,000 | - | - | - | - | 6,000 |
| | Project Total | \$6,000 | - | - | - | - | \$6,000 |
| | Wastewater Revenues | 6,000 | - | - | - | - | 6,000 |
| | Funding Total | \$6,000 | - | - | - | - | \$6,000 |
| WS90400040 | LIFT STATION 42 SECURITY UPGRADES | | | | | | |
| | Installation and construction of various security upgrades for lift station 42. | | | | | | |
| | | | | | | | |
| | Other | 46,000 | - | - | - | - | 46,000 |
| | Project Total | \$46,000 | - | - | - | - | \$46,000 |
| | Wastewater Revenues | 46,000 | - | - | - | - | 46,000 |
| | Funding Total | \$46,000 | - | - | - | - | \$46,000 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|--------------------|--|---------------------|---------------------|--------------------|---------------------|---------------------|----------------------|
| WS90400041 | LIFT STATION 43 SECURITY UPGRADES | | | | | | |
| | Installation and construction of various security upgrades for lift station 43. | | | | | | |
| | | | | | | | |
| | Other | 62,000 | - | - | - | - | 62,000 |
| | Project Total | \$62,000 | - | - | - | - | \$62,000 |
| | Wastewater Revenues | 62,000 | - | - | - | - | 62,000 |
| | Funding Total | \$62,000 | - | - | - | - | \$62,000 |
| WS90400042 | LIFT STATION 64 SECURITY UPGRADES | | | | | | |
| | Installation and construction of various security upgrades for lift station 64. | | | | | | |
| | | | | | | | |
| | Other | 57,000 | - | - | - | - | 57,000 |
| | Project Total | \$57,000 | - | - | - | - | \$57,000 |
| | Wastewater Revenues | 57,000 | - | - | - | - | 57,000 |
| | Funding Total | \$57,000 | - | - | - | - | \$57,000 |
| WS90400043 | LIFT STATION 46 SECURITY UPGRADES | | | | | | |
| | Installation and construction of various security upgrades for lift station 46. | | | | | | |
| | | | | | | | |
| | Other | 30,000 | - | - | - | - | 30,000 |
| | Project Total | \$30,000 | - | - | - | - | \$30,000 |
| | Wastewater Revenues | 30,000 | - | - | - | - | 30,000 |
| | Funding Total | \$30,000 | - | - | - | - | \$30,000 |
| WS90160011 | SALT RIVER OUTFALL/SOUTHERN AVE INTERCEPTOR ODOR FACILITIES | | | | | | |
| | Construct odor facilities for the Salt River Outfall Sewer and the Southern Ave Interceptor. | | | | | | |
| | Estimated full-year ongoing operating costs: \$400,000 | | | | | | |
| | | | | | | | |
| | Other | 20,000 | - | - | - | - | 20,000 |
| | Land Acquisition | - | 5,000,000 | - | - | - | 5,000,000 |
| | Design | - | 2,600,000 | - | - | 2,400,000 | 5,000,000 |
| | Construction | - | 300,000 | - | - | 21,820,000 | 22,120,000 |
| | Project Total | \$20,000 | \$7,900,000 | - | - | \$24,220,000 | \$32,140,000 |
| | Wastewater Revenues | 9,250 | 3,653,750 | - | - | - | 3,663,000 |
| | SROG - Other Cities Participation | 10,750 | 4,246,250 | - | - | 13,018,250 | 17,275,250 |
| | Nonprofit CIC Bonds | - | - | - | - | 11,201,750 | 11,201,750 |
| | Funding Total | \$20,000 | \$7,900,000 | - | - | \$24,220,000 | \$32,140,000 |
| WS90160016 | REGIONAL INTERCEPTOR CAPACITY IMPROVEMENTS | | | | | | |
| | Construct storage equalization facilities for the SRO/SAI Interceptor System. | | | | | | |
| | | | | | | | |
| | Other | 190,000 | - | - | - | - | 190,000 |
| | Land Acquisition | 16,800,000 | - | - | - | - | 16,800,000 |
| | Design | - | - | 8,913,570 | 15,023,798 | - | 23,937,368 |
| | Construction | 4,000,000 | 22,144,350 | - | - | 58,828,160 | 84,972,510 |
| | Project Total | \$20,990,000 | \$22,144,350 | \$8,913,570 | \$15,023,798 | \$58,828,160 | \$125,899,878 |
| | Wastewater Revenues | - | - | 6,593,570 | 3,383,798 | - | 9,977,368 |
| | Wastewater Development Occupational Fee | - | - | - | - | 3,658,160 | 3,658,160 |
| | SROG - Other Cities Participation | - | 3,230,000 | 2,320,000 | 11,640,000 | 10,170,000 | 27,360,000 |
| | Nonprofit CIC Bonds | - | - | - | - | 45,000,000 | 45,000,000 |
| | 2008 CIC Wastewater Bonds | - | 18,914,350 | - | - | - | 18,914,350 |
| | 2006 CIC Wastewater Bonds | 20,990,000 | - | - | - | - | 20,990,000 |
| | Funding Total | \$20,990,000 | \$22,144,350 | \$8,913,570 | \$15,023,798 | \$58,828,160 | \$125,899,878 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|-----------------------------------|---|--------------------|------------------|----------------|------------------|----------------|--------------------|
| WS90160072 | 99TH AVE - TOLLESON WASTEWATER TREATMENT PLANT TO CAMELBACK RD | | | | | | |
| | | | | | | | |
| | Function: Multi-City Sewer Lines | | | | | | |
| | District: 5 & 7 | | | | | | |
| | Reassess 99th Ave sewer from the Tolleson Wastewater Treatment Plant to Camelback Rd. | | | | | | |
| Design | | - | 930,000 | - | - | - | 930,000 |
| Project Total | | - | \$930,000 | - | - | - | \$930,000 |
| Wastewater Revenues | | - | 124,155 | - | - | - | 124,155 |
| SROG - Other Cities Participation | | - | 805,845 | - | - | - | 805,845 |
| Funding Total | | - | \$930,000 | - | - | - | \$930,000 |
| WS90160073 | 99TH AVE METER UPGRADE | | | | | | |
| | | | | | | | |
| | Function: Multi-City Sewer Lines | | | | | | |
| | District: 5 & 7 | | | | | | |
| | Upgrade 99th Ave sewer metering stations. | | | | | | |
| Other | | 33,000 | - | - | - | - | 33,000 |
| Construction | | 2,850,000 | - | - | - | - | 2,850,000 |
| Project Total | | \$2,883,000 | - | - | - | - | \$2,883,000 |
| Wastewater Revenues | | 951,390 | - | - | - | - | 951,390 |
| SROG - Other Cities Participation | | 1,931,610 | - | - | - | - | 1,931,610 |
| Funding Total | | \$2,883,000 | - | - | - | - | \$2,883,000 |
| WS90160074 | VAN BUREN TO I-10 SIPHON REPAIRS | | | | | | |
| | | | | | | | |
| | Function: Multi-City Sewer Lines | | | | | | |
| | District: 7 | | | | | | |
| | Complete the siphon repairs at Van Buren Ave and Interstate-10. | | | | | | |
| Other | | 12,000 | - | - | - | - | 12,000 |
| Project Total | | \$12,000 | - | - | - | - | \$12,000 |
| Wastewater Revenues | | 1,619 | - | - | - | - | 1,619 |
| SROG - Other Cities Participation | | 10,381 | - | - | - | - | 10,381 |
| Funding Total | | \$12,000 | - | - | - | - | \$12,000 |
| WS90160075 | 99TH AVE REHABILITATION OLIVE TO BROADWAY | | | | | | |
| | | | | | | | |
| | Function: Multi-City Sewer Lines | | | | | | |
| | District: 5 & 7 | | | | | | |
| | Final costs to rehabilitate the 99th Ave sewer, Olive to Broadway | | | | | | |
| Other | | 2,000 | - | - | - | - | 2,000 |
| Project Total | | \$2,000 | - | - | - | - | \$2,000 |
| Wastewater Revenues | | 660 | - | - | - | - | 660 |
| SROG - Other Cities Participation | | 1,340 | - | - | - | - | 1,340 |
| Funding Total | | \$2,000 | - | - | - | - | \$2,000 |
| WS90160076 | 99TH AVE SIPHON REPAIR / REPLACE NON SROG | | | | | | |
| | | | | | | | |
| | Function: Multi-City Sewer Lines | | | | | | |
| | District: 5 | | | | | | |
| | Repair or replace the siphon structure at 99th Ave north of Interstate-10. | | | | | | |
| Other | | 207,000 | - | - | - | - | 207,000 |
| Construction | | 700,000 | - | - | - | - | 700,000 |
| Project Total | | \$907,000 | - | - | - | - | \$907,000 |
| Wastewater Revenues | | 123,443 | - | - | - | - | 123,443 |
| SROG - Other Cities Participation | | 783,557 | - | - | - | - | 783,557 |
| Funding Total | | \$907,000 | - | - | - | - | \$907,000 |
| WS90500007 | SEWER OVERSIZING | | | | | | |
| | | | | | | | |
| | Function: Phoenix Sewers | | | | | | |
| | District: 1 & 2 | | | | | | |
| | Participate with developers in construction of new sewer facilities. | | | | | | |
| Construction | | 300,000 | - | - | 500,000 | - | 800,000 |
| Project Total | | \$300,000 | - | - | \$500,000 | - | \$800,000 |
| Wastewater Revenues | | 300,000 | - | - | 500,000 | - | 800,000 |
| Funding Total | | \$300,000 | - | - | \$500,000 | - | \$800,000 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|--------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| WS90500012 | SEWER MAIN REPLACEMENT | | | | | | |
| | Replace deteriorated sewer mains and manholes. | | | | | | |
| | | | | | | | |
| | Other | 3,000 | - | - | - | - | 3,000 |
| | Construction | 1,275,000 | 1,275,000 | 1,300,000 | 1,300,000 | 1,300,000 | 6,450,000 |
| | Project Total | \$1,278,000 | \$1,275,000 | \$1,300,000 | \$1,300,000 | \$1,300,000 | \$6,453,000 |
| | Wastewater System Replacement - Lines | 275,000 | 275,000 | 300,000 | 300,000 | 300,000 | 1,450,000 |
| | Wastewater Revenues | 1,003,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 5,003,000 |
| | Funding Total | \$1,278,000 | \$1,275,000 | \$1,300,000 | \$1,300,000 | \$1,300,000 | \$6,453,000 |
| WS90500013 | SEWER SERVICE CONNECTIONS | | | | | | |
| | Install new sewer connections. | | | | | | |
| | | | | | | | |
| | Other | 270,000 | 270,000 | 270,000 | 270,000 | 270,000 | 1,350,000 |
| | Project Total | \$270,000 | \$270,000 | \$270,000 | \$270,000 | \$270,000 | \$1,350,000 |
| | Wastewater Revenues | 270,000 | 270,000 | 270,000 | 270,000 | 270,000 | 1,350,000 |
| | Funding Total | \$270,000 | \$270,000 | \$270,000 | \$270,000 | \$270,000 | \$1,350,000 |
| WS90500021 | SEWERS AHEAD OF STREET IMPROVEMENTS | | | | | | |
| | Construct sanitary sewers ahead of street construction. | | | | | | |
| | | | | | | | |
| | Other | 22,000 | - | - | - | - | 22,000 |
| | Construction | 250,000 | - | - | 300,000 | - | 550,000 |
| | Project Total | \$272,000 | - | - | \$300,000 | - | \$572,000 |
| | Wastewater Revenues | 272,000 | - | - | 300,000 | - | 572,000 |
| | Funding Total | \$272,000 | - | - | \$300,000 | - | \$572,000 |
| WS90500023 | CONTINGENCIES | | | | | | |
| | Construction contingency for change orders, inflationary increases and other unexpected costs. | | | | | | |
| | | | | | | | |
| | Equipment | - | - | 805,000 | - | - | 805,000 |
| | Construction | 7,974,662 | 7,047,618 | 5,973,750 | 6,177,917 | 4,792,622 | 31,966,569 |
| | Project Total | \$7,974,662 | \$7,047,618 | \$6,778,750 | \$6,177,917 | \$4,792,622 | \$32,771,569 |
| | Wastewater Revenues | 3,722,153 | 2,878,445 | 3,640,396 | 2,305,138 | 725,160 | 13,271,292 |
| | Wastewater Development Occupational Fee | 24,000 | - | - | - | - | 24,000 |
| | SROG - Other Cities Participation | 3,306,989 | 2,782,468 | 2,225,486 | 2,375,742 | 2,887,572 | 13,578,257 |
| | Nonprofit CIC Bonds | - | - | 451,773 | 1,497,037 | 1,179,890 | 3,128,700 |
| | 2008 CIC Wastewater Bonds | 389,046 | 1,386,705 | 461,095 | - | - | 2,236,846 |
| | 2006 CIC Wastewater Bonds | 532,474 | - | - | - | - | 532,474 |
| | Funding Total | \$7,974,662 | \$7,047,618 | \$6,778,750 | \$6,177,917 | \$4,792,622 | \$32,771,569 |
| WS90500084 | CAVE CREEK ROAD/REACH 11 PARALLEL SEWERS | | | | | | |
| | Design parallel sections of sewer on Cave Creek Road and north of the Central Arizona Project (Reach 11). | | | | | | |
| | | | | | | | |
| | Other | 17,000 | - | - | - | - | 17,000 |
| | Design | 500,000 | - | - | - | - | 500,000 |
| | Project Total | \$517,000 | - | - | - | - | \$517,000 |
| | Wastewater Revenues | 517,000 | - | - | - | - | 517,000 |
| | Funding Total | \$517,000 | - | - | - | - | \$517,000 |

City of Phoenix, Arizona
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Wastewater

| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|--------------------|--|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|
| WS90500107 | SEWER RELOCATIONS FOR LIGHT RAIL | | | | | | |
| | Relocate sewers for Light Rail transit. | | | | | | |
| | | | | | | | |
| | Other | 53,000 | - | - | - | - | 53,000 |
| | Construction | 18,400,000 | - | - | - | - | 18,400,000 |
| | Project Total | \$18,453,000 | - | - | - | - | \$18,453,000 |
| | 2006 CIC Wastewater Bonds | 18,453,000 | - | - | - | - | 18,453,000 |
| | Funding Total | \$18,453,000 | - | - | - | - | \$18,453,000 |
| WS90500115 | LINED CONCRETE REHABILITATION | | | | | | |
| | Rehabilitate Phoenix lined concrete sewers. | | | | | | |
| | | | | | | | |
| | Other | 63,000 | - | - | - | - | 63,000 |
| | Construction | 600,000 | 7,600,000 | 2,000,000 | 2,700,000 | 2,700,000 | 15,600,000 |
| | Project Total | \$663,000 | \$7,600,000 | \$2,000,000 | \$2,700,000 | \$2,700,000 | \$15,663,000 |
| | Wastewater Revenues | - | 7,600,000 | - | - | 2,700,000 | 10,300,000 |
| | Nonprofit CIC Bonds | - | - | - | 2,700,000 | - | 2,700,000 |
| | 2008 CIC Wastewater Bonds | - | - | 2,000,000 | - | - | 2,000,000 |
| | 2006 CIC Wastewater Bonds | 663,000 | - | - | - | - | 663,000 |
| | Funding Total | \$663,000 | \$7,600,000 | \$2,000,000 | \$2,700,000 | \$2,700,000 | \$15,663,000 |
| WS90500118 | SMALL DIAMETER SEWER REHABILITATION | | | | | | |
| | Rehabilitate small diameter sewers. | | | | | | |
| | | | | | | | |
| | Other | 5,000 | - | - | - | - | 5,000 |
| | Construction | 6,471,390 | 15,400,000 | 17,300,000 | 8,300,000 | 22,000,000 | 69,471,390 |
| | Project Total | \$6,476,390 | \$15,400,000 | \$17,300,000 | \$8,300,000 | \$22,000,000 | \$69,476,390 |
| | Wastewater Revenues | - | - | - | 8,300,000 | 22,000,000 | 30,300,000 |
| | 2008 CIC Wastewater Bonds | - | 15,400,000 | 17,300,000 | - | - | 32,700,000 |
| | 2006 CIC Wastewater Bonds | 6,476,390 | - | - | - | - | 6,476,390 |
| | Funding Total | \$6,476,390 | \$15,400,000 | \$17,300,000 | \$8,300,000 | \$22,000,000 | \$69,476,390 |
| WS90500125 | SEWER CLEANING | | | | | | |
| | Clean sewer and perform Closed Circuit Television (CCTV) inspection. | | | | | | |
| | | | | | | | |
| | Other | 12,000 | - | - | - | - | 12,000 |
| | Construction | 700,000 | 700,000 | 700,000 | 700,000 | 750,000 | 3,550,000 |
| | Project Total | \$712,000 | \$700,000 | \$700,000 | \$700,000 | \$750,000 | \$3,562,000 |
| | Wastewater Revenues | 712,000 | 700,000 | 700,000 | 700,000 | - | 2,812,000 |
| | Nonprofit CIC Bonds | - | - | - | - | 750,000 | 750,000 |
| | Funding Total | \$712,000 | \$700,000 | \$700,000 | \$700,000 | \$750,000 | \$3,562,000 |
| WS90500141 | INSTRUMENTATION AND CONTROL INSPECTIONS- COLLECTION SYSTEM | | | | | | |
| | Inspect instrumentation and controls for sewer collection system projects as needed. | | | | | | |
| | | | | | | | |
| | Other | 18,000 | - | - | - | - | 18,000 |
| | Design | - | - | - | 685,000 | - | 685,000 |
| | Project Total | \$18,000 | - | - | \$685,000 | - | \$703,000 |
| | Wastewater Revenues | 18,000 | - | - | 685,000 | - | 703,000 |
| | Funding Total | \$18,000 | - | - | \$685,000 | - | \$703,000 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|--------------------|--|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|
| WS90500144 | BROADWAY ROAD PARALLEL SEWER | | | | | | |
| | Design and construct parallel sections for the Broadway Road sewer from 32nd St to 51st Ave. | | | | | | |
| | | | | | | | |
| | Other | 52,000 | - | - | - | - | 52,000 |
| | Design | 3,500,000 | - | - | - | - | 3,500,000 |
| | Construction | 11,200,000 | 9,400,000 | 13,000,000 | 10,000,000 | 2,000,000 | 45,600,000 |
| | Project Total | \$14,752,000 | \$9,400,000 | \$13,000,000 | \$10,000,000 | \$2,000,000 | \$49,152,000 |
| | Wastewater Revenues | - | - | 5,918,750 | 5,000,000 | - | 10,918,750 |
| | Wastewater Development Occupational Fee | - | 8,672,200 | 7,081,250 | 5,000,000 | 411,840 | 21,165,290 |
| | Nonprofit CIC Bonds | - | - | - | - | 1,588,160 | 1,588,160 |
| | 2008 CIC Wastewater Bonds | - | 727,800 | - | - | - | 727,800 |
| | 2006 CIC Wastewater Bonds | 14,752,000 | - | - | - | - | 14,752,000 |
| | Funding Total | \$14,752,000 | \$9,400,000 | \$13,000,000 | \$10,000,000 | \$2,000,000 | \$49,152,000 |
| WS90500147 | UNLINED CONCRETE REHABILITATION | | | | | | |
| | Rehabilitate unlined concrete sewers. | | | | | | |
| | | | | | | | |
| | Other | 39,000 | - | - | - | - | 39,000 |
| | Design | 10,250 | - | - | - | - | 10,250 |
| | Project Total | \$49,250 | - | - | - | - | \$49,250 |
| | 2006 CIC Wastewater Bonds | 49,250 | - | - | - | - | 49,250 |
| | Funding Total | \$49,250 | - | - | - | - | \$49,250 |
| WS90500159 | SANITARY SEWER FLOW MONITORING AND INFLOW/INFILTRATION PILOT STUDY | | | | | | |
| | Conduct a flow monitoring and inflow/infiltration pilot study. | | | | | | |
| | | | | | | | |
| | Other | 65,000 | - | - | - | - | 65,000 |
| | Project Total | \$65,000 | - | - | - | - | \$65,000 |
| | 2006 CIC Wastewater Bonds | 65,000 | - | - | - | - | 65,000 |
| | Funding Total | \$65,000 | - | - | - | - | \$65,000 |
| WS90500161 | RELIEF SEWERS CITYWIDE | | | | | | |
| | Construct relief sewers citywide. | | | | | | |
| | | | | | | | |
| | Other | 197,000 | - | - | - | - | 197,000 |
| | Construction | 16,131,084 | 1,000,000 | 4,000,000 | 20,000,000 | 28,000,000 | 69,131,084 |
| | Project Total | \$16,328,084 | \$1,000,000 | \$4,000,000 | \$20,000,000 | \$28,000,000 | \$69,328,084 |
| | Wastewater Revenues | - | - | 4,000,000 | 10,000,000 | - | 14,000,000 |
| | Wastewater Development Occupational Fee | 7,929,779 | - | - | - | - | 7,929,779 |
| | Nonprofit CIC Bonds | - | - | - | 10,000,000 | 28,000,000 | 38,000,000 |
| | 2008 CIC Wastewater Bonds | - | 1,000,000 | - | - | - | 1,000,000 |
| | 2006 CIC Wastewater Bonds | 8,398,305 | - | - | - | - | 8,398,305 |
| | Funding Total | \$16,328,084 | \$1,000,000 | \$4,000,000 | \$20,000,000 | \$28,000,000 | \$69,328,084 |
| WS90500163 | SMALL DIAMETER SEWER REHABILITATION PHASE II | | | | | | |
| | Complete Phase II of small diameter sewer rehabilitation. | | | | | | |
| | | | | | | | |
| | Other | 2,000 | - | - | - | - | 2,000 |
| | Project Total | \$2,000 | - | - | - | - | \$2,000 |
| | Wastewater Revenues | 2,000 | - | - | - | - | 2,000 |
| | Funding Total | \$2,000 | - | - | - | - | \$2,000 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|--------------------|--|---------------------|----------------|----------------|----------------|----------------|---------------------|
| WS90500168 | RELIEF SEWER BASIN | | | | | | |
| | Complete relief sewer basin construction. | | | | | | |
| | | | | | | | |
| | Other | 21,000 | - | - | - | - | 21,000 |
| | Project Total | \$21,000 | - | - | - | - | \$21,000 |
| | Wastewater Revenues | 21,000 | - | - | - | - | 21,000 |
| | Funding Total | \$21,000 | - | - | - | - | \$21,000 |
| WS90500174 | LARGE DIAMETER CLAY SANITARY SEWER REHAB | | | | | | |
| | Complete rehabilitation of Vitrified Clay Pipe sanitary sewers throughout the City. | | | | | | |
| | | | | | | | |
| | Other | 5,000 | - | - | - | - | 5,000 |
| | Project Total | \$5,000 | - | - | - | - | \$5,000 |
| | Wastewater Revenues | 5,000 | - | - | - | - | 5,000 |
| | Funding Total | \$5,000 | - | - | - | - | \$5,000 |
| WS90500175 | WASTEWATER IMPACT FEE CONTINGENCY | | | | | | |
| | Funds available for programming various impact fee areas as projects are identified. | | | | | | |
| | | | | | | | |
| | Construction | 15,703,833 | - | - | - | - | 15,703,833 |
| | Project Total | \$15,703,833 | - | - | - | - | \$15,703,833 |
| | Southern Wastewater Laveen East Impact Fees | 20,490 | - | - | - | - | 20,490 |
| | Impact Fee - North Gateway, Wastewater | 5,025,554 | - | - | - | - | 5,025,554 |
| | Impact Fee - Laveen, Wastewater | 5,787,884 | - | - | - | - | 5,787,884 |
| | Impact Fee - Estrella, South -WW | 686,742 | - | - | - | - | 686,742 |
| | Impact Fee - Estrella, North - WW | 47,906 | - | - | - | - | 47,906 |
| | Impact Fee - Desert View, Wastewater | 3,610,483 | - | - | - | - | 3,610,483 |
| | Impact Fee - Deer Valley 4, Wastewater | 14,521 | - | - | - | - | 14,521 |
| | Impact Fee - Deer Valley 3, Wastewater | 284,492 | - | - | - | - | 284,492 |
| | Impact Fee - Deer Valley 2, Wastewater | 33,208 | - | - | - | - | 33,208 |
| | Impact Fee - Deer Valley 1, Wastewater | 155,623 | - | - | - | - | 155,623 |
| | Impact Fee - Ahwatukee, East - WW | 36,930 | - | - | - | - | 36,930 |
| | Funding Total | \$15,703,833 | - | - | - | - | \$15,703,833 |
| WS90500176 | 15TH AVE SEWER MAIN REPLACEMENT | | | | | | |
| | Complete sewer main construction at 15th Ave from Osborn Road to Interstate-17 frontage road, a sewer main at I-17 frontage road from 15th Ave to 17th Ave and a sewer main at Osborn Rd 15th to 17th Ave. | | | | | | |
| | | | | | | | |
| | Other | 32,000 | - | - | - | - | 32,000 |
| | Project Total | \$32,000 | - | - | - | - | \$32,000 |
| | Wastewater Revenues | 32,000 | - | - | - | - | 32,000 |
| | Funding Total | \$32,000 | - | - | - | - | \$32,000 |
| WS90500177 | SMALL DIAMETER REHABILITATION | | | | | | |
| | Update technical specifications for Small Diameter Sanitary Sewer Rehabilitation program for 8 to 14-inch sewer mains. | | | | | | |
| | | | | | | | |
| | Other | 51,000 | - | - | - | - | 51,000 |
| | Project Total | \$51,000 | - | - | - | - | \$51,000 |
| | Wastewater Revenues | 51,000 | - | - | - | - | 51,000 |
| | Funding Total | \$51,000 | - | - | - | - | \$51,000 |

City of Phoenix, Arizona
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Wastewater

| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|---------------------------|--|--------------------|------------------|------------------|------------------|------------------|--------------------|
| WS90500179 | UNLINED CONCRETE SEWER REHAB-B2 SEGMENT Function: Phoenix Sewers District: 8 Complete rehabilitation of a 42-inch and 60-inch sanitary sewer in the vicinity of I-17 and 15th Ave. | | | | | | |
| Other | | 2,000 | - | - | - | - | 2,000 |
| Project Total | | \$2,000 | - | - | - | - | \$2,000 |
| Wastewater Revenues | | 2,000 | - | - | - | - | 2,000 |
| Funding Total | | \$2,000 | - | - | - | - | \$2,000 |
| WS90500180 | PHOENIX CROWN SPRAY PROGRAM Function: Phoenix Sewers District: Citywide Spray crowns of unlined concrete sewer pipes with Magnesium Hydroxide to provide protection from corrosion. | | | | | | |
| Other | | 31,000 | - | - | - | - | 31,000 |
| Project Total | | \$31,000 | - | - | - | - | \$31,000 |
| Wastewater Revenues | | 31,000 | - | - | - | - | 31,000 |
| Funding Total | | \$31,000 | - | - | - | - | \$31,000 |
| WS90500181 | LARGE DIAMETER CLAY SEWER REHAB PHASE 3 Function: Phoenix Sewers District: Citywide Complete rehabilitation of 15-inch through 30-inch vitrified clay pipe. | | | | | | |
| Other | | 16,000 | - | - | - | - | 16,000 |
| Project Total | | \$16,000 | - | - | - | - | \$16,000 |
| Wastewater Revenues | | 16,000 | - | - | - | - | 16,000 |
| Funding Total | | \$16,000 | - | - | - | - | \$16,000 |
| WS90500183 | SEWER ANNUAL EMERGENCY REPAIR Function: Phoenix Sewers District: Citywide Annual sewer emergency repair contract. | | | | | | |
| Construction | | 855,000 | 890,000 | 915,000 | 945,000 | 975,000 | 4,580,000 |
| Project Total | | \$855,000 | \$890,000 | \$915,000 | \$945,000 | \$975,000 | \$4,580,000 |
| Wastewater Revenues | | 855,000 | 890,000 | 915,000 | 945,000 | 975,000 | 4,580,000 |
| Funding Total | | \$855,000 | \$890,000 | \$915,000 | \$945,000 | \$975,000 | \$4,580,000 |
| WS90500190 | SSRR BASIN H - #32 Function: Phoenix Sewers District: 2 Construct 2,700 feet of 15-inch sewer in Greenway from 44th St to Tatum and 450 feet of 21-inch sewer at Greenway and 52nd St. | | | | | | |
| Other | | 20,000 | - | - | - | - | 20,000 |
| Construction | | 1,539,175 | - | - | - | - | 1,539,175 |
| Project Total | | \$1,559,175 | - | - | - | - | \$1,559,175 |
| 2006 CIC Wastewater Bonds | | 1,559,175 | - | - | - | - | 1,559,175 |
| Funding Total | | \$1,559,175 | - | - | - | - | \$1,559,175 |
| WS90500193 | SSRR PROJECT #23 Function: Phoenix Sewers District: 5 Design and construct 3,100 feet of 12-inch relief sewer in 71st Ave from the Grand Canal to Indian School Road. | | | | | | |
| Other | | 400,000 | - | - | - | - | 400,000 |
| Project Total | | \$400,000 | - | - | - | - | \$400,000 |
| 2006 CIC Wastewater Bonds | | 400,000 | - | - | - | - | 400,000 |
| Funding Total | | \$400,000 | - | - | - | - | \$400,000 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|--------------------|--|--------------------|--------------------|----------------|----------------|----------------|--------------------|
| WS90500194 | CENTRAL AVENUE SEWER MAIN IMPROVEMENTS Function: Phoenix Sewers District: 8 Complete construction of 15-inch sewer at Central Ave and Mohave St. | | | | | | |
| | Other | 13,000 | - | - | - | - | 13,000 |
| | Project Total | \$13,000 | - | - | - | - | \$13,000 |
| | Wastewater Revenues | 13,000 | - | - | - | - | 13,000 |
| | Funding Total | \$13,000 | - | - | - | - | \$13,000 |
| WS90500195 | PIERCE STREET SEWER LINE DIVERSION Function: Phoenix Sewers District: 8 Complete construction of Pierce St sewer line diversion. | | | | | | |
| | Other | 3,000 | - | - | - | - | 3,000 |
| | Project Total | \$3,000 | - | - | - | - | \$3,000 |
| | Wastewater Revenues | 3,000 | - | - | - | - | 3,000 |
| | Funding Total | \$3,000 | - | - | - | - | \$3,000 |
| WS90500196 | PHOENIX PVC LINED SEWER REHAB (FY 06-07) Function: Phoenix Sewers District: Citywide Complete rehabilitation of Phoenix PVC lined sewers. | | | | | | |
| | Other | 6,000 | - | - | - | - | 6,000 |
| | Project Total | \$6,000 | - | - | - | - | \$6,000 |
| | Wastewater Revenues | 6,000 | - | - | - | - | 6,000 |
| | Funding Total | \$6,000 | - | - | - | - | \$6,000 |
| WS90500197 | IMPROVEMENT DISTRICT FUND Function: Phoenix Sewers District: Citywide Construction of new sewer lines in sewer improvement district areas. | | | | | | |
| | Construction | 2,500,000 | 2,500,000 | - | - | - | 5,000,000 |
| | Project Total | \$2,500,000 | \$2,500,000 | - | - | - | \$5,000,000 |
| | Wastewater Revenues | 500,000 | 500,000 | - | - | - | 1,000,000 |
| | Sani Swr Imp Dist Projects-Prop Ownr Par | 2,000,000 | 2,000,000 | - | - | - | 4,000,000 |
| | Funding Total | \$2,500,000 | \$2,500,000 | - | - | - | \$5,000,000 |
| WS90500201 | SEWER RELIEF #24 Function: Phoenix Sewers District: 8 Complete sewer lines construction on 15th Ave/l-17 to Watkins and on 7thAve & Watkins. | | | | | | |
| | Other | 10,000 | - | - | - | - | 10,000 |
| | Project Total | \$10,000 | - | - | - | - | \$10,000 |
| | 2006 CIC Wastewater Bonds | 10,000 | - | - | - | - | 10,000 |
| | Funding Total | \$10,000 | - | - | - | - | \$10,000 |
| WS90500202 | SEWER RELIEF #25 Function: Phoenix Sewers District: 3 Complete sewer lines construction on Sweetwater and easement to Thunderbird and Coral Gables and on Sweetwater Drainage ROW between 19th and 23rd Ave. | | | | | | |
| | Other | 34,480 | - | - | - | - | 34,480 |
| | Project Total | \$34,480 | - | - | - | - | \$34,480 |
| | 2006 CIC Wastewater Bonds | 34,480 | - | - | - | - | 34,480 |
| | Funding Total | \$34,480 | - | - | - | - | \$34,480 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|---|--|--------------------|----------------|----------------|----------------|----------------|--------------------|
| WS90500204 | SEWER RELIEF #27 | | | | | | |
| | Function: Phoenix Sewers | | | | | | |
| | District: 4 | | | | | | |
| | Complete sewer lines construction on Encanto Blvd between 38th Ave and 39th Ave. | | | | | | |
| Other | | 7,000 | - | - | - | - | 7,000 |
| Project Total | | \$7,000 | - | - | - | - | \$7,000 |
| 2006 CIC Wastewater Bonds | | 7,000 | - | - | - | - | 7,000 |
| Funding Total | | \$7,000 | - | - | - | - | \$7,000 |
| WS90500205 | SEWER RELIEF #28 | | | | | | |
| | Function: Phoenix Sewers | | | | | | |
| | District: 7 | | | | | | |
| | Design and construct sewer lines on Roosevelt St and 47th Ave. | | | | | | |
| Other | | 47,800 | - | - | - | - | 47,800 |
| Design | | 76,500 | - | - | - | - | 76,500 |
| Construction | | 510,000 | - | - | - | - | 510,000 |
| Project Total | | \$634,300 | - | - | - | - | \$634,300 |
| Wastewater Development Occupational Fee | | 634,300 | - | - | - | - | 634,300 |
| Funding Total | | \$634,300 | - | - | - | - | \$634,300 |
| WS90500206 | SEWER RELIEF #29 | | | | | | |
| | Function: Phoenix Sewers | | | | | | |
| | District: Various | | | | | | |
| | Complete sewer lines construction on 21st Ave, Maryland Ave, 15th Ave, and 28th St. | | | | | | |
| Other | | 30,000 | - | - | - | - | 30,000 |
| Project Total | | \$30,000 | - | - | - | - | \$30,000 |
| 2006 CIC Wastewater Bonds | | 30,000 | - | - | - | - | 30,000 |
| Funding Total | | \$30,000 | - | - | - | - | \$30,000 |
| WS90500207 | SEWER RELIEF #30 | | | | | | |
| | Function: Phoenix Sewers | | | | | | |
| | District: 4 | | | | | | |
| | Design and construct sewer lines on 39th Ave and Wilshire Dr. | | | | | | |
| Other | | 19,000 | - | - | - | - | 19,000 |
| Design | | 18,000 | - | - | - | - | 18,000 |
| Construction | | 120,000 | - | - | - | - | 120,000 |
| Project Total | | \$157,000 | - | - | - | - | \$157,000 |
| 2006 CIC Wastewater Bonds | | 157,000 | - | - | - | - | 157,000 |
| Funding Total | | \$157,000 | - | - | - | - | \$157,000 |
| WS90500208 | SEWER RELIEF #31 | | | | | | |
| | Function: Phoenix Sewers | | | | | | |
| | District: 6 | | | | | | |
| | Complete sewer lines construction on Briarwood Terrace & 18th Way. | | | | | | |
| Other | | 10,000 | - | - | - | - | 10,000 |
| Project Total | | \$10,000 | - | - | - | - | \$10,000 |
| 2006 CIC Wastewater Bonds | | 10,000 | - | - | - | - | 10,000 |
| Funding Total | | \$10,000 | - | - | - | - | \$10,000 |
| WS90500209 | SEWER RELIEF #34 | | | | | | |
| | Function: Phoenix Sewers | | | | | | |
| | District: 1 | | | | | | |
| | Construct sewer lines on Peoria Ave from 35th Ave to 39th Ave and on 35th Ave from Peoria Ave to Cactus Ave. | | | | | | |
| Other | | 60,500 | - | - | - | - | 60,500 |
| Construction | | 5,350,000 | - | - | - | - | 5,350,000 |
| Project Total | | \$5,410,500 | - | - | - | - | \$5,410,500 |
| 2006 CIC Wastewater Bonds | | 5,410,500 | - | - | - | - | 5,410,500 |
| Funding Total | | \$5,410,500 | - | - | - | - | \$5,410,500 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|---|--|---------------------------------|----------------|----------------|----------------|--------------------|--------------------|
| WS90500210 | SEWER RELIEF #35 | | | | | | |
| | | Function: Phoenix Sewers | | | | District: 2 | |
| | Design and construct sewer lines on 19th Ave. and Bell Rd. and 12th St. and Utopia Rd. | | | | | | |
| Other | | 47,377 | - | - | - | - | 47,377 |
| Design | | 88,832 | - | - | - | - | 88,832 |
| Construction | | 642,212 | - | - | - | - | 642,212 |
| Project Total | | \$778,421 | - | - | - | - | \$778,421 |
| Wastewater Development Occupational Fee | | 778,421 | - | - | - | - | 778,421 |
| Funding Total | | \$778,421 | - | - | - | - | \$778,421 |
| WS90500211 | SEWER RELIEF #39 | | | | | | |
| | | Function: Phoenix Sewers | | | | District: 3 | |
| | Construct sewer lines on Peoria Ave from 25th Ave to west of 24th Ave, 40th St. and Sanford Dr., 47th Ave. and Saddlehorn Rd., 31st Ave. and Lone Cactus Dr. | | | | | | |
| Other | | 20,000 | - | - | - | - | 20,000 |
| Construction | | 675,000 | - | - | - | - | 675,000 |
| Project Total | | \$695,000 | - | - | - | - | \$695,000 |
| 2006 CIC Wastewater Bonds | | 695,000 | - | - | - | - | 695,000 |
| Funding Total | | \$695,000 | - | - | - | - | \$695,000 |
| WS90500212 | SEWER RELIEF #40 | | | | | | |
| | | Function: Phoenix Sewers | | | | District: 4 | |
| | Design and construct sewer lines on Thomas Rd between 47th Ave and 48th Ave. | | | | | | |
| Other | | 48,000 | - | - | - | - | 48,000 |
| Design | | 72,000 | - | - | - | - | 72,000 |
| Construction | | 530,000 | - | - | - | - | 530,000 |
| Project Total | | \$650,000 | - | - | - | - | \$650,000 |
| Wastewater Revenues | | 650,000 | - | - | - | - | 650,000 |
| Funding Total | | \$650,000 | - | - | - | - | \$650,000 |
| WS90500213 | SEWER RELIEF #41 | | | | | | |
| | | Function: Phoenix Sewers | | | | District: | |
| | Design and construct sewer lines on Holly St between 50th Ln and 51st Ave. | | | | | | |
| Other | | 15,000 | - | - | - | - | 15,000 |
| Design | | 22,500 | - | - | - | - | 22,500 |
| Construction | | 150,000 | - | - | - | - | 150,000 |
| Project Total | | \$187,500 | - | - | - | - | \$187,500 |
| Wastewater Development Occupational Fee | | 187,500 | - | - | - | - | 187,500 |
| Funding Total | | \$187,500 | - | - | - | - | \$187,500 |
| WS90500215 | SEWER RELIEF #43 | | | | | | |
| | | Function: Phoenix Sewers | | | | District: 7 | |
| | Construct sewer lines on Desert Lane and 8th St. | | | | | | |
| Other | | 11,150 | - | - | - | - | 11,150 |
| Construction | | 1,023,000 | - | - | - | - | 1,023,000 |
| Project Total | | \$1,034,150 | - | - | - | - | \$1,034,150 |
| 2006 CIC Wastewater Bonds | | 1,034,150 | - | - | - | - | 1,034,150 |
| Funding Total | | \$1,034,150 | - | - | - | - | \$1,034,150 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|---------------------------|--|--------------------|----------------|----------------|--------------------|----------------|--------------------|
| WS90500217 | 32ND ST & HIGHLINE CANAL SEWER EXTENSION Function: Phoenix Sewers District: 8 | | | | | | |
| | Complete construction of sewer lines north of the SRP Highline Canal and west of South 34th Place under the Highline Canal. | | | | | | |
| Other | | 19,000 | - | - | - | - | 19,000 |
| Project Total | | \$19,000 | - | - | - | - | \$19,000 |
| Wastewater Revenues | | 19,000 | - | - | - | - | 19,000 |
| Funding Total | | \$19,000 | - | - | - | - | \$19,000 |
| WS90500218 | 23RD ST & OAK SEWER LINE REPLACEMENT Function: Phoenix Sewers District: 8 | | | | | | |
| | Complete construction of approximately 350 feet of VCP in the alley west of 23rd St and south of Oak St with HDPE pipe. | | | | | | |
| Other | | 17,000 | - | - | - | - | 17,000 |
| Project Total | | \$17,000 | - | - | - | - | \$17,000 |
| Wastewater Revenues | | 17,000 | - | - | - | - | 17,000 |
| Funding Total | | \$17,000 | - | - | - | - | \$17,000 |
| WS90500219 | ACCOUNTABILITY METER CHANGE - WW Function: Phoenix Sewers District: Citywide | | | | | | |
| | Wastewater's share of costs to replace inaccurate water meters. | | | | | | |
| Equipment | | 414,388 | - | - | - | - | 414,388 |
| Project Total | | \$414,388 | - | - | - | - | \$414,388 |
| Wastewater Revenues | | 414,388 | - | - | - | - | 414,388 |
| Funding Total | | \$414,388 | - | - | - | - | \$414,388 |
| WS90500221 | BROADWAY RD. SEWER MAIN 59TH AV -75TH AV Function: Phoenix Sewers District: 7 | | | | | | |
| | Construction administration and inspection of approximately 10,000 LF of 42-inch and 36-inch gravity sewer line from 75th Avenue to 59th Avenue along Broadway Road. | | | | | | |
| Other | | 65,000 | - | - | - | - | 65,000 |
| Project Total | | \$65,000 | - | - | - | - | \$65,000 |
| Wastewater Revenues | | 65,000 | - | - | - | - | 65,000 |
| Funding Total | | \$65,000 | - | - | - | - | \$65,000 |
| WS90500222 | UNLINED CONCRETE REHAB-SEGMENTS C2&C3 Function: Phoenix Sewers District: 7 | | | | | | |
| | Rehabilitate approximately 2,613 linear feet (LF) of 30-inch, 2,663 LF of 33-inch, 9,643 LF of 36-inch, and 2,499 LF of 39-inch unlined concrete sewer line. | | | | | | |
| Other | | 253,500 | - | - | - | - | 253,500 |
| Design | | 700,000 | - | - | - | - | 700,000 |
| Construction | | 8,436,250 | - | - | - | - | 8,436,250 |
| Project Total | | \$9,389,750 | - | - | - | - | \$9,389,750 |
| 2006 CIC Wastewater Bonds | | 9,389,750 | - | - | - | - | 9,389,750 |
| Funding Total | | \$9,389,750 | - | - | - | - | \$9,389,750 |
| WS90800002 | SECURITY IMPROVEMENTS-REMOTE FACILITIES Function: Repayments District: Citywide | | | | | | |
| | Complete security improvements at remote facilities. | | | | | | |
| Other | | 38,000 | - | - | - | - | 38,000 |
| Construction | | - | - | - | 2,740,000 | - | 2,740,000 |
| Project Total | | \$38,000 | - | - | \$2,740,000 | - | \$2,778,000 |
| Wastewater Revenues | | 38,000 | - | - | 2,740,000 | - | 2,778,000 |
| Funding Total | | \$38,000 | - | - | \$2,740,000 | - | \$2,778,000 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|-----------------------------------|--|--|--------------------|--------------------|--------------------|---------------------------|---------------------|
| WS90800003 | WASTEWATER SECURITY IMPROVEMENTS | | | | | | |
| | | Function: Repayments | | | | District: Citywide | |
| | Construct security improvements for individual site plans from the vulnerability assessment and remote facilities security plan. | | | | | | |
| Other | | 56,000 | - | - | - | - | 56,000 |
| Construction | | 2,755,431 | - | - | - | - | 2,755,431 |
| Project Total | | \$2,811,431 | - | - | - | - | \$2,811,431 |
| Wastewater Revenues | | 2,811,431 | - | - | - | - | 2,811,431 |
| Funding Total | | \$2,811,431 | - | - | - | - | \$2,811,431 |
| WS90140001 | TRES RIOS DEMONSTRATION PROJECT | | | | | | |
| | | Function: Tres Rios | | | | District: 7 | |
| | Conduct ongoing study for the Tres Rios Wetlands Demonstration Project. | | | | | | |
| Other | | 128,000 | - | - | - | - | 128,000 |
| Project Total | | \$128,000 | - | - | - | - | \$128,000 |
| Wastewater Revenues | | 69,952 | - | - | - | - | 69,952 |
| SROG - Other Cities Participation | | 58,048 | - | - | - | - | 58,048 |
| Funding Total | | \$128,000 | - | - | - | - | \$128,000 |
| WS90140006 | TRES RIOS - FULL SCALE | | | | | | |
| | | Function: Tres Rios | | | | District: 7 | |
| | Acquire land for the full-scale Tres Rios/Recharge/Reuse Project. | | | | | | |
| | Estimated full-year ongoing operating costs: \$4,053,230 | | | | | | |
| Other | | 403,000 | - | - | - | - | 403,000 |
| Land Acquisition | | 21,725,000 | 5,000,000 | - | - | - | 26,725,000 |
| Project Total | | \$22,128,000 | \$5,000,000 | - | - | - | \$27,128,000 |
| SROG - Other Cities Participation | | 10,134,624 | 2,290,000 | - | - | - | 12,424,624 |
| 2008 CIC Wastewater Bonds | | - | 2,710,000 | - | - | - | 2,710,000 |
| 2006 CIC Wastewater Bonds | | 11,993,376 | - | - | - | - | 11,993,376 |
| Funding Total | | \$22,128,000 | \$5,000,000 | - | - | - | \$27,128,000 |
| WS90700005 | ENGINEERING | | | | | | |
| | | Function: Wastewater System Studies | | | | District: Citywide | |
| | Estimated engineering staff costs for future capital improvement projects. | | | | | | |
| Other | | - | 4,500,000 | 4,500,000 | 4,500,000 | 4,500,000 | 18,000,000 |
| Project Total | | - | \$4,500,000 | \$4,500,000 | \$4,500,000 | \$4,500,000 | \$18,000,000 |
| Wastewater Revenues | | - | - | - | 4,500,000 | - | 4,500,000 |
| Nonprofit CIC Bonds | | - | - | 4,500,000 | - | 4,500,000 | 9,000,000 |
| 2008 CIC Wastewater Bonds | | - | 4,500,000 | - | - | - | 4,500,000 |
| Funding Total | | - | \$4,500,000 | \$4,500,000 | \$4,500,000 | \$4,500,000 | \$18,000,000 |
| WS90700030 | CMOM STUDY | | | | | | |
| | | Function: Wastewater System Studies | | | | District: Citywide | |
| | Conduct Capacity Management Operations and Maintenance (CMOM) risk assessment and baseline asset management assessment. | | | | | | |
| Design | | - | - | 500,000 | - | - | 500,000 |
| Project Total | | - | - | \$500,000 | - | - | \$500,000 |
| Wastewater Revenues | | - | - | 500,000 | - | - | 500,000 |
| Funding Total | | - | - | \$500,000 | - | - | \$500,000 |

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| Project No. | Project Title | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total |
|---|---|--------------------|-----------------|------------------|------------------|------------------|--------------------|
| WS90700031 | ON-CALL CONTROL SYSTEM PROGRAMMING | | | | | | |
| | Function: Wastewater System Studies | | | | | | |
| | District: Citywide | | | | | | |
| | Provide on-call consultant services for control system programming as necessary. | | | | | | |
| Study | | 200,000 | - | - | 270,000 | - | 470,000 |
| Other | | 22,000 | - | - | - | - | 22,000 |
| Project Total | | \$222,000 | - | - | \$270,000 | - | \$492,000 |
| Wastewater Revenues | | 222,000 | - | - | - | - | 222,000 |
| Nonprofit CIC Bonds | | - | - | - | 270,000 | - | 270,000 |
| Funding Total | | \$222,000 | - | - | \$270,000 | - | \$492,000 |
| WS90700032 | PROCESS CONTROL OPTIMIZATION | | | | | | |
| | Function: Wastewater System Studies | | | | | | |
| | District: Citywide | | | | | | |
| | Study process control optimization for the collection system. | | | | | | |
| Study | | - | - | 610,000 | - | 650,000 | 1,260,000 |
| Project Total | | - | - | \$610,000 | - | \$650,000 | \$1,260,000 |
| Wastewater Revenues | | - | - | - | - | 650,000 | 650,000 |
| Nonprofit CIC Bonds | | - | - | 610,000 | - | - | 610,000 |
| Funding Total | | - | - | \$610,000 | - | \$650,000 | \$1,260,000 |
| WS90700033 | WASTEWATER CREW WIRELESS AUTOMATION / HANSEN / SCADA / GPS / GIS | | | | | | |
| | Function: Wastewater System Studies | | | | | | |
| | District: Citywide | | | | | | |
| | Develop application for wastewater collection crews mobile field devices. | | | | | | |
| Design | | 140,000 | - | - | - | - | 140,000 |
| Project Total | | \$140,000 | - | - | - | - | \$140,000 |
| Wastewater Revenues | | 140,000 | - | - | - | - | 140,000 |
| Funding Total | | \$140,000 | - | - | - | - | \$140,000 |
| WS90700038 | CAPITAL IMPROVEMENT PROGRAM PROJECT CONTROLS SYSTEM IMPLEMENTATION | | | | | | |
| | Function: Wastewater System Studies | | | | | | |
| | District: Citywide | | | | | | |
| | Provide for additional costs and implementation of Capital Improvement Program Controls System. | | | | | | |
| Other | | 945,000 | - | - | - | - | 945,000 |
| Design | | 900,000 | - | - | - | - | 900,000 |
| Project Total | | \$1,845,000 | - | - | - | - | \$1,845,000 |
| Wastewater Revenues | | 1,845,000 | - | - | - | - | 1,845,000 |
| Funding Total | | \$1,845,000 | - | - | - | - | \$1,845,000 |
| WS90700042 | WASTEWATER DEVELOPMENT PLANNING | | | | | | |
| | Function: Wastewater System Studies | | | | | | |
| | District: Citywide | | | | | | |
| | Wastewater engineering labor charges for developer projects. | | | | | | |
| Other | | 679,000 | 65,000 | 65,000 | 65,000 | 65,000 | 939,000 |
| Project Total | | \$679,000 | \$65,000 | \$65,000 | \$65,000 | \$65,000 | \$939,000 |
| Wastewater Development Occupational Fee | | 679,000 | 65,000 | 65,000 | 65,000 | 65,000 | 939,000 |
| Funding Total | | \$679,000 | \$65,000 | \$65,000 | \$65,000 | \$65,000 | \$939,000 |
| WS90700046 | AS-BUILT CHARGES FOR WASTEWATER CIP PROJECTS | | | | | | |
| | Function: Wastewater System Studies | | | | | | |
| | District: Citywide | | | | | | |
| | Charges from WSD Technical Support Division for as-built processing fees for Wastewater projects that are closed. | | | | | | |
| Other | | 4,300 | 4,300 | 4,300 | 4,300 | 4,300 | 21,500 |
| Project Total | | \$4,300 | \$4,300 | \$4,300 | \$4,300 | \$4,300 | \$21,500 |
| Wastewater Revenues | | 4,300 | 4,300 | 4,300 | 4,300 | 4,300 | 21,500 |
| Funding Total | | \$4,300 | \$4,300 | \$4,300 | \$4,300 | \$4,300 | \$21,500 |

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|---------------------------|--|------------------|----------------------------------|----------------|----------------|--------------------|------------------|
| AR84900006 | BOLA TIE RELOCATION - PERCENT FOR ART | | | | | | |
| | Relocate bola ties. | | | | | | |
| | | | Function: Percent for Art | | | | |
| | | | | | | District: 8 | |
| Construction | | 249,500 | - | - | - | - | 249,500 |
| | Project Total | \$249,500 | - | - | - | - | \$249,500 |
| 2006 CIC Wastewater Bonds | | 249,500 | - | - | - | - | 249,500 |
| | Funding Total | \$249,500 | - | - | - | - | \$249,500 |