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CHANDLER



A place of superior service

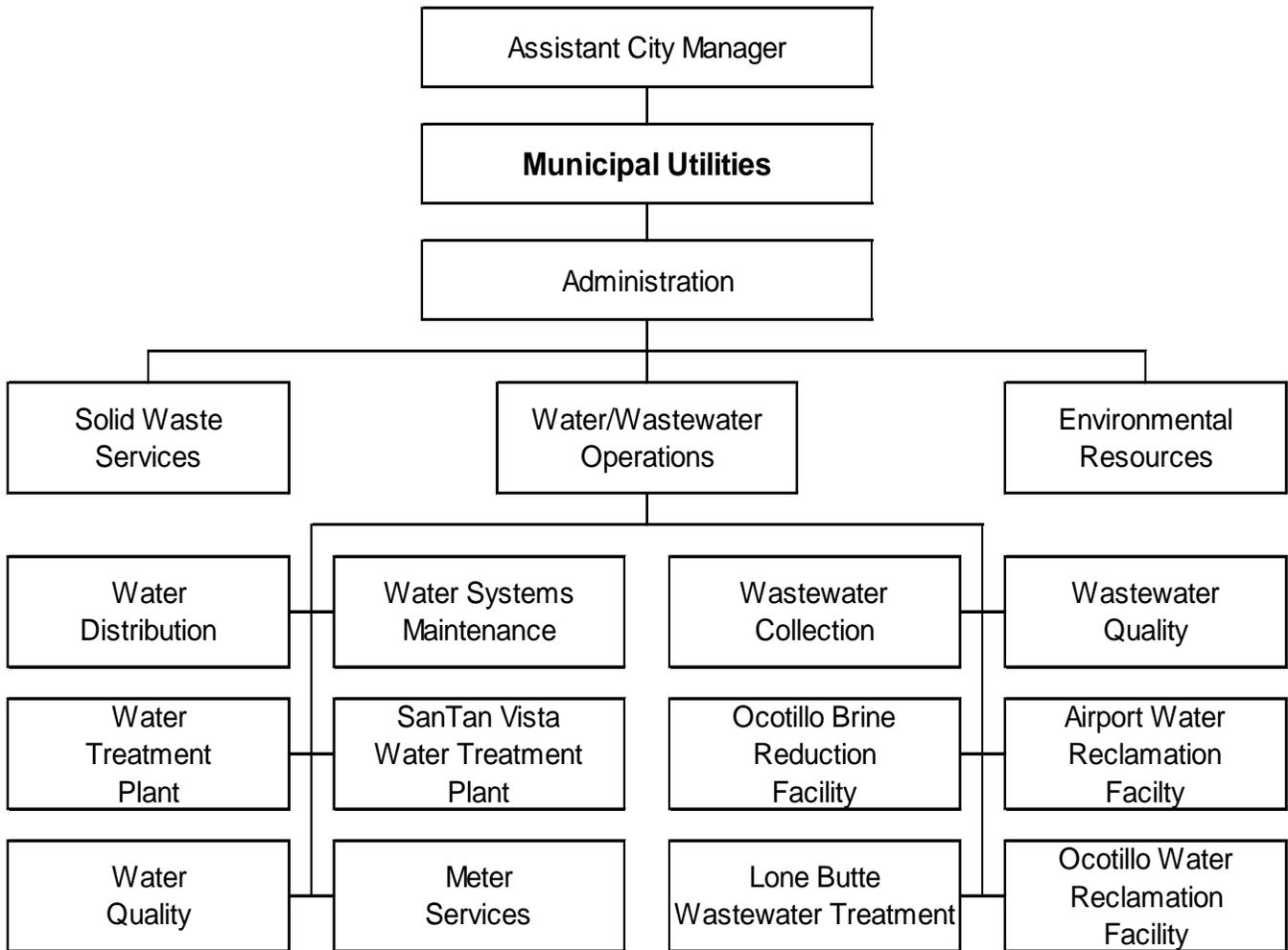
Solid, well-maintained utility infrastructure ensures residents receive the high levels of service they have come to expect. A running water tap or the growl of a residential garbage truck is, quite frankly, music to our ears.



Infrastructure Improvements



Municipal Utilities





Municipal Utilities

The table below depicts the breakdown by division for the Fiscal Year 2015-16 Municipal Utilities Department Budget. Subsequent pages provide cost center descriptions, goals and objectives, performance measurements, budget summaries, authorized positions, and highlights of significant changes.

| Municipal Utilities Overview | | | | | |
|-------------------------------------|--|---------------------------------------|---|---------------------------------------|--|
| Expenditures by Cost Center | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
| Municipal Utilities Administration | \$ 606,888 | \$ 741,328 | \$ 722,209 | \$ 1,001,307 | 35.07% |
| Solid Waste Services | 12,296,500 | 13,159,017 | 13,797,082 | 13,271,743 | 0.86% |
| Solid Waste Capital | - | 250,000 | 192,010 | 936,105 | 274.44% |
| Water Distribution | 4,822,811 | 4,834,225 | 4,911,350 | 4,919,468 | 1.76% |
| Water Capital | 11,185,668 | 54,400,561 | 6,190,812 | 63,789,813 | 17.26% |
| Water Treatment Plant | 8,167,186 | 5,665,209 | 6,124,886 | 5,703,579 | 0.68% |
| Environmental Resources | 1,292,782 | 7,221,511 | 7,232,745 | 7,956,433 | 10.18% |
| Water Quality | 1,452,042 | 1,642,135 | 1,505,132 | 1,657,140 | 0.91% |
| Water Systems Maintenance | 5,246,590 | 6,467,803 | 6,209,149 | 6,341,759 | -1.95% |
| SanTan Vista Water Treatment Plant | 1,082,552 | 1,293,500 | 1,100,000 | 1,282,519 | -0.85% |
| Meter Services | 1,037,765 | 1,219,252 | 1,138,769 | 1,254,536 | 2.89% |
| Wastewater Collection | 1,905,828 | 2,240,772 | 2,271,689 | 2,245,760 | 0.22% |
| Wastewater Capital | 79,840,041 | 110,036,697 | 20,903,568 | 194,382,412 | 76.65% |
| Ocotillo Brine Reduction Facility | 2,457,239 | 8,952,891 | 6,340,594 | 9,905,048 | 10.64% |
| Lone Butte Wastewater Treatment | 1,168,372 | 1,403,592 | 1,049,592 | 1,406,584 | 0.21% |
| Wastewater Quality | 393,630 | 597,217 | 401,691 | 610,412 | 2.21% |
| Airport Water Reclamation Facility | 6,178,942 | 8,635,284 | 7,591,000 | 9,774,033 | 13.19% |
| Ocotillo Water Reclamation Facility | 3,625,727 | 4,118,170 | 3,970,000 | 4,128,675 | 0.26% |
| Total | \$142,760,563 | \$232,879,164 | \$91,652,278 | \$330,567,326 | 41.95% |
| Expenditures by Category | | | | | |
| Personnel & Benefits | | | | | |
| Total Personnel | \$ 14,139,750 | \$ 15,657,917 | \$ 15,243,361 | \$ 17,582,415 | |
| Ongoing ⁽¹⁾ | - | 15,657,917 | 15,243,361 | 17,582,415 | 12.29% |
| One-time ⁽¹⁾ | - | - | - | - | N/A |
| Operating & Maintenance | 37,595,104 | 52,533,989 | 49,122,527 | 53,876,581 | 2.56% |
| Capital - Major | 91,025,709 | 164,687,258 | 27,286,390 | 259,108,330 | 57.33% |
| Total | \$142,760,563 | \$232,879,164 | \$91,652,278 | \$330,567,326 | 41.95% |
| Staffing by Cost Center | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted | % Change Adopted to Adopted |
| Municipal Utilities Administration | 6.000 | 6.000 | 8.000 | 8.000 | 33.33% |
| Solid Waste Services | 22.000 | 22.000 | 22.000 | 22.000 | 0.00% |
| Water Distribution | 28.000 | 28.000 | 28.000 | 28.000 | 0.00% |
| Water Treatment Plant | 12.000 | 12.000 | 13.000 | 13.000 | 8.33% |
| Environmental Resources | 8.000 | 8.000 | 9.000 | 9.000 | 12.50% |
| Water Quality | 12.000 | 12.000 | 12.000 | 12.000 | 0.00% |
| Water Systems Maintenance | 22.000 | 22.000 | 20.000 | 20.000 | -9.09% |
| Meter Services | 11.000 | 11.000 | 11.000 | 11.000 | 0.00% |
| Wastewater Collection | 10.000 | 10.000 | 10.000 | 10.000 | 0.00% |
| Ocotillo Brine Reduction Facility | 15.000 | 15.000 | 15.000 | 17.000 | 13.33% |
| Lone Butte Wastewater Treatment | 1.000 | 1.000 | 1.000 | 1.000 | 0.00% |
| Wastewater Quality | 4.000 | 4.000 | 4.000 | 4.000 | 0.00% |
| Airport Water Reclamation Facility | 24.000 | 27.000 | 26.000 | 26.000 | -3.70% |
| Ocotillo Water Reclamation Facility | 0.000 | 0.000 | 12.000 | 12.000 | N/A |
| Total | 175.000 | 178.000 | 191.000 | 193.000 | 8.43% |

⁽¹⁾ Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

2014-15 Municipal Utilities Accomplishments

- The Household Hazardous Waste (HHW) Collection Facility serviced 2,776 residents who dropped off approximately 153,000 pounds of HHW. Solid Waste Services reused or recycled approximately 110,000 pounds of HHW, achieving a diversion rate of approximately 72 percent.
- Solid Waste Services conducted an on-line customer satisfaction survey in May 2015. Over 95 percent of residents rated their contact with Solid Waste Services staff above average, 71 percent rated customer service excellent, and 24 percent rated their experience as good.
- Solid Waste Services green waste program at the Recycling-Solid Waste Collection Center diverted approximately 1,210 tons of selected green waste, achieving a cost savings of approximately \$2,000.
- Solid Waste Services was awarded \$10,000 in grant funding through a national program sponsored by Waste Management and Keep America Beautiful green grants program where communities are recognized for their projects that demonstrate a commitment to environmental stewardship. The \$10,000 in grant funding will be used to purchase a dual recycling container system to support recycling for special events and the downtown Chandler area.
- Water Conservation presentations were provided to over 11,050 Chandler school children and 475 adults.
- Saved 17,614,000 gallons of water through the Water Conservation Residential Audit Program.
- Water Conservation Social Media Outreach has reached 1,705 subscribers to the WaterSaver monthly e-newsletter.
- Completed construction on the joint Police and Water Systems Maintenance building at the Chandler Water Treatment Plant. Partnered with Police to build and occupy a joint building at the Chandler Water Treatment Plant, which resulted in cost savings of \$200,000.
- The Airport and Ocotillo Water Reclamation Facilities recharged nearly 1.9 billion gallons of reclaimed water for future recovery or to use as potable water credits.
- Treated and reclaimed 10 billion gallons of wastewater at the Airport, Lone Butte, and Ocotillo Water Reclamation Facilities; 8.1 billion gallons of which were reused for irrigation.
- Delivered over 600 million gallons of reclaimed water to the Chandler Heights Recharge Facility for recharge and to provide wildlife habitat as part of the multi-use Veterans Oasis Park.
- Received the American Public Works Association 2015 Public Works Project of the Year Award for Airport Water Reclamation Facility project in the more than \$75 million category.
- Received the Arizona Water Association 2015 Water Reuse Project of the Year Award for the Airport Water Reclamation Facility expansion project from 15 to 22 million gallons per day (MGD).
- The Ocotillo Brine Reduction Facility, formerly known as the Reverse Osmosis Facility, was commissioned this year and treated 1.4 MGD of industrial brine.



| | |
|---------------------|------------------------------------|
| Division: | Municipal Utilities Administration |
| Cost Center: | 3050 |

Municipal Utilities Administration is charged with providing management direction and support to the three divisions that comprise the Municipal Utilities Department. This is accomplished by working with City staff, elected officials, and the public in planning, developing, constructing, and maintaining water, wastewater, and solid waste public infrastructure.

2015-16 Performance Measurements

Goal:

To provide efficient and effective services to the residents of Chandler through administration, general direction, and coordination of activities within the Water, Wastewater, and Solid Waste Divisions.

Supports Priority Based Budgeting Goal(s): Good Governance

Objective:

- ◆ Respond to requests for information, assistance, complaints, and direction in a timely manner and keep citizens and Council informed of services, programs, and projects that affect them.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---|----------------|----------------|-------------------|-----------------------------|-------------------|
| Requests from citizens (CSR) ⁽¹⁾ (all Municipal Utilities cost centers) | 1,012 | 994 | 500 | 500 | 500 |
| Number of public meetings with citizens/neighborhoods | 6 | 6 | 5 | 7 | 6 |

⁽¹⁾ Beginning in Fiscal Year 2013-14, customer service requests will decrease due to the Department no longer including internal service requests.

Goal:

Supply factual information, data, and recommendations on Municipal Utilities issues to the City Manager's Office to assist in implementation of City Code requirements and Council policies.

Supports Priority Based Budgeting Goal(s): Good Governance

Objective:

- ◆ Represent the City at various agency and civic group meetings (i.e., Intel Corporation, Salt River Project, Ocotillo Management Group, Arizona Department of Water Resources, Arizona Department of Environmental Quality, Environmental Protection Agency, Maricopa County Environmental Services, Gila River Indian Community, and Municipal Energy Alliance) and keep staff and Council informed on city, county, state, tribal, and federal projects that involve Chandler.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---|----------------|----------------|-------------------|-----------------------------|-------------------|
| Represent City at agency and civic group meetings | 49 | 43 | 40 | 40 | 40 |

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.



>>> **Municipal Utilities Administration - 3050** <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|----------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 580,985 | \$ 664,154 | \$ 688,709 | \$ 671,000 | \$ 923,674 | 39.08% |
| Ongoing* | - | 664,154 | 688,709 | 671,000 | 923,674 | 39.08% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 4,774 | 24,410 | 24,410 | 20,400 | 24,410 | 0.00% |
| Operating Supplies | 11,388 | 20,681 | 20,888 | 12,900 | 21,140 | 2.22% |
| Repairs/Maintenance | 14 | - | - | 298 | - | N/A |
| Communications/Transportation | 831 | 14,007 | 14,007 | 5,400 | 14,007 | 0.00% |
| Other Charges/Services | 6,020 | 15,201 | 15,201 | 9,300 | 15,201 | 0.00% |
| Capital Replacement | 2,875 | 2,875 | 2,875 | 2,911 | 2,875 | 0.00% |
| Total Cost Center - 3050 | \$ 606,888 | \$ 741,328 | \$ 766,090 | \$ 722,209 | \$ 1,001,307 | 35.07% |
| Water Operating Fund | \$ 605,201 | \$ 734,528 | \$ 759,290 | \$ 715,409 | \$ 688,688 | |
| Wastewater Operating Fund | 1,687 | 6,800 | 6,800 | 6,800 | 312,619 | |
| Grand Total | \$ 606,888 | \$ 741,328 | \$ 766,090 | \$ 722,209 | \$ 1,001,307 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Administrative Specialist | 0 | 0.8 | 0 | 0 | 0 | 0 |
| Business Systems Support Analyst | 0 | 0 | 0 | 0 | 1 | 1 |
| Management Analyst | 0 | 0 | 0 | 0 | 1 | 1 |
| Management Assistant | 0 | 0 | 1 | 1 | 1 | 1 |
| Municipal Utilities Director | 1 | 1 | 1 | 1 | 1 | 1 |
| Security Coordinator | 1 | 0 | 0 | 0 | 0 | 0 |
| Senior Business Systems Support Specialist | 0 | 0 | 0 | 0 | 1 | 1 |
| Senior Executive Assistant | 1 | 1 | 1 | 1 | 0 | 0 |
| Senior Management Assistant | 1 | 1 | 1 | 1 | 0 | 0 |
| Utilities Administrator | 0 | 0 | 0 | 0 | 1 | 1 |
| Utilities Coordinator | 1 | 1 | 1 | 1 | 1 | 1 |
| Utilities Safety/Security Coordinator | 0 | 1 | 1 | 1 | 1 | 1 |
| Total | 5 | 5.8 | 6 | 6 | 8 | 8 |

Significant Budget and Staffing Changes

As a result of a citywide classification study for administrative positions effective July 1, 2014, one Management Assistant position was renamed Management Analyst, one Senior Executive Assistant was renamed Management Assistant, and one Senior Management Assistant was reclassified to Utilities Administrator. The Management Analyst position was subsequently reclassified to Engineer and moved to cost center 3840, Environmental Resources. During Fiscal Year 2014-15, one Wastewater Treatment Plant Operator II position was transferred from cost center 3960, Airport Water Reclamation Facility, and reclassified to Business Systems Support Analyst, and one Senior Business Systems Support Specialist was transferred from cost center 3860, Water Systems Maintenance. Additionally, one new Management Analyst position was added.



Division: Solid Waste Services
Cost Center: 3700

Solid Waste Services is accountable for providing safe, cost-effective, and efficient solid waste programs and services to the citizens of Chandler. Measures are achieved by managing contracts, ensuring regulatory compliance, implementing best management practices, performing inspections, and public outreach to heighten awareness for greater sustainability.

2015-16 Performance Measurements

Goal:

Seek innovative ways to increase customer awareness and satisfaction with safe, cost-effective programs and services. Ensure programs are compliant with federal, state, and local health and environmental regulations and best management practices.

Supports Priority Based Budgeting Goal(s): Safe Community; Sustainable Economic Health

Objectives:

- ◆ Increase waste diversion to sustain financial health.
- ◆ Perform inspections to ensure a safe community and increase public awareness of services offered.
- ◆ Provide citywide education presentations to increase public awareness and encourage participation in waste diversion programs.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--------------------------------------|----------------|----------------|-------------------|-----------------------------|-------------------|
| Waste tonnage | 86,292 | 83,398 | 81,800 | 84,209 | 83,500 |
| Recycling tonnage | 20,634 | 21,231 | 20,800 | 21,000 | 22,000 |
| Waste diversion percentage | 24% | 25% | 25% | 25% | 26% |
| Field inspections | 31,686 | 19,999 | 35,000 | 22,000 ⁽¹⁾ | 35,000 |
| Education presentations/attendees | 40/ 2,850 | 42/ 3,000 | 50/ 3,000 | 40/ 3,500 | 45/ 3,800 |
| Customer satisfaction ⁽²⁾ | 98% | 93% | 98% | 95% | 97% |

⁽¹⁾ Beginning in Fiscal Year 2013-14, field inspections decreased due to vacancies and projected to increase when vacant positions are filled.

⁽²⁾ Customer Satisfaction measurement is obtained through on-line and in-person surveys.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."

Note: All measurements are through June 30th, the last day of the fiscal year.



>>> **Solid Waste Services – 3700** <<<

Goal:

Achieve a high level of customer satisfaction and ensure regulatory compliance at the Recycling-Solid Waste Collection Center (RSWCC) and with post-closure landfill operations.

Supports Priority Based Budgeting Goal(s): Safe Community

Objective:

- ◆ Achieve an 80 percent customer service satisfaction at the RSWCC.
- ◆ Achieve 100 percent compliance with regulatory inspections associated with the RSWCC and closed landfill.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|----------------|----------------|-------------------|-----------------------------|-------------------|
| RSWCC user survey rating of "Excellent": (survey results) ⁽¹⁾ | 97% | 96% | 95% | 95% | 95% |
| Results of regulatory compliance inspections | Pass | Pass | Pass | Pass | Pass |

⁽¹⁾ Ongoing survey for customer satisfaction with self-haul use of the RSWCC, including household hazardous waste drop-off.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Solid Waste Services – 3700 <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|-----------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 1,368,526 | \$ 1,759,297 | \$ 1,794,967 | \$ 2,168,412 | \$ 1,770,950 | 0.66% |
| Ongoing* | - | 1,759,297 | 1,794,967 | 2,168,412 | 1,770,950 | 0.66% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 10,241,530 | 10,314,781 | 10,670,274 | 10,663,000 | 10,345,401 | 0.30% |
| Operating Supplies | 476,659 | 576,238 | 630,082 | 547,179 | 583,324 | 1.23% |
| Repairs/Maintenance | 64,130 | 190,128 | 201,716 | 192,121 | 290,128 | 52.60% |
| Communications/Transportation | 38,914 | 80,458 | 80,458 | 62,000 | 67,125 | -16.57% |
| Insurance/Taxes | 500 | 750 | 750 | 500 | 750 | 0.00% |
| Rents/Utilities | 40,441 | 59,010 | 59,010 | 55,500 | 59,010 | 0.00% |
| Other Charges/Services | 24,002 | 29,711 | 29,711 | 28,365 | 29,711 | 0.00% |
| Contingencies/Reserves | - | 81,000 | 81,000 | - | 81,000 | 0.00% |
| Machinery/Equipment | - | 23,300 | 23,300 | 24,580 | - | -100.00% |
| Capital Replacement | 41,796 | 44,344 | 44,344 | 55,425 | 44,344 | 0.00% |
| Total Cost Center - 3700 | \$ 12,296,500 | \$ 13,159,017 | \$ 13,615,612 | \$ 13,797,082 | \$ 13,271,743 | 0.86% |
| Grant Fund | \$ - | \$ 70,000 | \$ 70,000 | \$ - | \$ 70,000 | |
| Solid Waste Operating Fund | 12,037,593 | 12,764,017 | 13,166,904 | 13,418,374 | 13,201,743 | |
| Solid Waste Container Fund | 258,906 | 325,000 | 378,708 | 378,708 | - | |
| Grand Total | \$ 12,296,500 | \$ 13,159,017 | \$ 13,615,612 | \$ 13,797,082 | \$ 13,271,743 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.



>>> **Solid Waste Services – 3700** <<<

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Customer Service Representative | 4 | 4 | 4 | 4 | 4 | 4 |
| Customer Service Supervisor | 1 | 1 | 1 | 1 | 1 | 1 |
| Executive Assistant | 1 | 1 | 1 | 1 | 0 | 0 |
| Recycling Coordinator | 0 | 0 | 1 | 1 | 1 | 1 |
| Recycling Specialist | 1 | 1 | 0 | 0 | 0 | 0 |
| Senior Administrative Assistant | 0 | 0 | 0 | 0 | 1 | 1 |
| Senior Solid Waste Environmental Specialist | 0 | 0 | 0 | 0 | 2 | 2 |
| Senior Solid Waste Field Specialist | 1 | 1 | 1 | 1 | 0 | 0 |
| Solid Waste Environmental Specialist | 0 | 0 | 0 | 0 | 10 | 10 |
| Solid Waste Environmental Technician | 2 | 2 | 2 | 2 | 0 | 0 |
| Solid Waste Field Specialist II | 4 | 4 | 3 | 3 | 0 | 0 |
| Solid Waste Field Specialist III | 5 | 5 | 6 | 6 | 0 | 0 |
| Solid Waste Field Supervisor | 1 | 1 | 1 | 1 | 2 | 2 |
| Solid Waste Manager | 1 | 1 | 1 | 1 | 1 | 1 |
| Solid Waste/Recycling Supervisor | 1 | 1 | 1 | 1 | 0 | 0 |
| Total | 22 | 22 | 22 | 22 | 22 | 22 |

Significant Budget and Staffing Changes

As a result of a citywide classification study for administrative positions effective July 1, 2014, one Executive Assistant position was renamed Senior Administrative Assistant. During Fiscal Year (FY) 2014-15, six Solid Waste Field Specialist III positions were renamed Solid Waste Environmental Specialist, three Solid Waste Field Specialist II positions and one Senior Solid Waste Field Specialist were reclassified to Solid Waste Environmental Specialist, two Solid Waste Environmental Technician positions were renamed Senior Solid Waste Environmental Specialist, and one Solid Waste/Recycling Supervisor was reclassified to Solid Waste Field Supervisor.

In FY 2015-16, Professional/Contract includes ongoing funding for the consumer price and fuel index increases for the solid waste service contract. Also, there is one time funding for maintenance of the former landfill site at the Paseo Vista Recreation Area.



| | |
|---------------------|---------------------|
| Division: | Solid Waste Capital |
| Cost Center: | 3710 |

Capital Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|-----------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ - | \$ - | \$ - | \$ 293 | \$ - | N/A |
| Ongoing* | - | - | - | 293 | - | N/A |
| One-time* | - | - | - | - | - | N/A |
| Project Support Recharge** | - | 10,000 | 10,000 | - | 10,000 | 0.00% |
| Contingencies/Reserves | - | - | - | - | 186,105 | N/A |
| Land/Improvements | - | - | 128,115 | 128,115 | - | N/A |
| Building/Improvements | - | 240,000 | 240,000 | 63,602 | 740,000 | 208.33% |
| Total Cost Center - 3710 | \$ - | \$ 250,000 | \$ 378,115 | \$ 192,010 | \$ 936,105 | 274.44% |
| Solid Waste Operating Fund | \$ - | \$ 250,000 | \$ 378,115 | \$ 192,010 | \$ 936,105 | |

Significant Budget Changes

Significant budget variances for capital cost centers are primarily attributed to specific project completions related to the prior fiscal year and new projects for the new fiscal year. Fiscal Year (FY) 2015-16 reflects the carryforward of uncompleted project funding from FY 2014-15. Detail on the capital program is available in the 2016-2025 Capital Improvement Program



Division: Water Distribution
Cost Center: 3800

Water Distribution maintains more than 1,194 miles of water mains, 122 miles of reclaimed water mains, 12,933 fire hydrants, 34,415 water valves, and 1,727 reclaimed water

valves. This cost center responds to blue stake requests for the location and marking of water mains and sanitary sewer lines within the City limits and ensures fire hydrants, valves, and water meters are properly installed and maintained.

2015-16 Performance Measurements

Goal:

Provide Chandler residences, businesses, and industries with an adequate and continuous supply of potable water.

Supports Priority Based Budgeting Goal(s): Good Governance; Safe Community

Objectives:

- ◆ Perform preventative maintenance on all fire hydrants annually.
- ◆ Install all new water meters for residential and commercial customers.
- ◆ Replace/repair inoperative water meters for residential and commercial customers.
- ◆ Ensure all valves have had preventative maintenance performed every six years.
- ◆ Ensure proper blue staking of all water mains and sanitary sewer lines.
- ◆ Ensure timely installation and relocation of hydrant meters for construction use.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|----------------|----------------|-------------------|-----------------------------|-------------------|
| Fire hydrant preventative maintenance (inspection and repair) | 12,600 | 12,620 | 12,650 | 12,720 | 12,800 |
| Number of water meter installations | 396 | 375 | 350 | 575 ⁽¹⁾ | 650 |
| Number of water meter replacements | 2,735 | 3,000 | 3,500 | 3,500 | 3,500 |
| Number of valves maintained ⁽²⁾ | 17,800 | 17,300 | 18,600 | 19,000 | 19,000 |
| Number of blue stakes performed ⁽³⁾ | 19,900 | 19,000 | 18,000 | 19,000 | 20,000 |
| Number of hydrant meter installations and relocations completed within 48 hours of request | 348 | 355 | 350 | 400 | 450 |

⁽¹⁾ Increase in the number of installations due to the rise in new construction.

⁽²⁾ Valve maintenance total includes hydrant valves.

⁽³⁾ The number of blue stakes performed will vary depending upon the amount of construction during the year.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."

Note: All measurements are through June 30th, the last day of the fiscal year.



Municipal Utilities

Water Distribution – 3800

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|---------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 2,235,590 | \$ 2,271,375 | \$ 2,332,271 | \$ 2,257,490 | \$ 2,371,949 | 4.43% |
| Ongoing* | - | 2,271,375 | 2,332,271 | 2,257,490 | 2,371,949 | 4.43% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 84,513 | 537,967 | 564,990 | 481,500 | 499,219 | -7.20% |
| Operating Supplies | 1,809,046 | 1,606,669 | 1,618,534 | 1,662,059 | 1,630,086 | 1.46% |
| Repairs/Maintenance | 30,677 | 60,016 | 97,853 | 93,250 | 60,016 | 0.00% |
| Communications/Transportation | 19,274 | 20,621 | 21,511 | 19,065 | 21,996 | 6.67% |
| Insurance/Taxes | 1,500 | 5,250 | 5,250 | 5,250 | 5,250 | 0.00% |
| Rents/Utilities | 18,766 | 24,400 | 24,400 | 20,400 | 24,400 | 0.00% |
| Other Charges/Services | 44,211 | 81,337 | 82,194 | 60,238 | 79,962 | -1.69% |
| Machinery/Equipment | 30,680 | 14,500 | 14,500 | 37,048 | 14,500 | 0.00% |
| Water System Improvements | 475,043 | 138,578 | 138,578 | 200,000 | 138,578 | 0.00% |
| Capital Replacement | 73,512 | 73,512 | 73,512 | 75,050 | 73,512 | 0.00% |
| Total Cost Center - 3800 | \$ 4,822,811 | \$ 4,834,225 | \$ 4,973,593 | \$ 4,911,350 | \$ 4,919,468 | 1.76% |
| Water Operating Fund | \$ 4,822,811 | \$ 4,834,225 | \$ 4,973,593 | \$ 4,911,350 | \$ 4,919,468 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Administrative Specialist | 2 | 2 | 2 | 2 | 0 | 0 |
| GIS Technician I | 1 | 1 | 1 | 1 | 1 | 1 |
| GIS Technician II | 1 | 1 | 1 | 1 | 1 | 1 |
| Lead Utility Systems Technician | 0 | 0 | 5 | 5 | 5 | 5 |
| Senior Administrative Assistant | 0 | 0 | 0 | 0 | 1 | 1 |
| Utility Field Services Coordinator | 2 | 0 | 0 | 0 | 0 | 0 |
| Utility Field Supervisor | 0 | 2 | 2 | 2 | 3 | 3 |
| Utility Location Coordinator | 2 | 2 | 2 | 2 | 2 | 2 |
| Utility Systems Operator I | 6 | 6 | 0 | 0 | 0 | 0 |
| Utility Systems Operator II | 7 | 7 | 0 | 0 | 0 | 0 |
| Utility Systems Operator III | 5 | 5 | 0 | 0 | 0 | 0 |
| Utility Systems Technician I | 0 | 0 | 0 | 0 | 1 | 1 |
| Utility Systems Technician II | 0 | 0 | 12 | 12 | 12 | 12 |
| Utility Systems Technician III | 0 | 0 | 2 | 2 | 1 | 1 |
| Water Distribution Superintendent | 1 | 1 | 1 | 1 | 1 | 1 |
| Water Quality Technician | 1 | 1 | 0 | 0 | 0 | 0 |
| Total | 28 | 28 | 28 | 28 | 28 | 28 |

Significant Budget and Staffing Changes

As a result of a citywide classification study for administrative positions effective July 1, 2014, one Administrative Specialist position was reclassified to Senior Administrative Assistant. The remaining Administrative Specialist position was reclassified to Utility Field Supervisor. During Fiscal Year 2014-15, one Utility Systems Technician III position was reclassified to Utility Systems Technician I.



| | |
|---------------------|---------------|
| Division: | Water Capital |
| Cost Center: | 3820 |

Capital Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|------------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 48,350 | \$ - | \$ - | \$ 140,370 | \$ - | N/A |
| Ongoing* | - | - | - | 140,370 | - | N/A |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 54,615 | 24,574,040 | 25,123,399 | 87,325 | 5,963,860 | -75.73% |
| Operating Supplies | 888 | - | - | 180 | - | N/A |
| Communications/Transportation | 1,085 | - | - | - | - | N/A |
| Other Charges/Services | 18,598 | 75,000 | 409,058 | 63,575 | 35,703 | -52.40% |
| Contingencies/Reserves | - | 21,461,521 | - | - | 44,154,813 | 105.74% |
| Building/Improvements | 89,479 | 2,920,000 | 4,830,521 | 11,897 | 4,000,000 | 36.99% |
| Machinery/Equipment | 132,715 | - | 8,164 | - | - | N/A |
| Office Furniture/Equipment | - | - | 150,000 | - | - | N/A |
| Street Improvements | 6,067 | - | 20,497 | 9,500 | - | N/A |
| Water System Improvements | 10,814,292 | 5,370,000 | 21,619,225 | 5,804,386 | 9,635,437 | 79.43% |
| Wastewater System Improvements | 19,580 | - | 440,855 | 73,579 | - | N/A |
| Total Cost Center - 3820 | \$ 11,185,668 | \$ 54,400,561 | \$ 52,601,719 | \$ 6,190,812 | \$ 63,789,813 | 17.26% |
| Water Bond Fund | \$ 7,909,177 | \$ 34,400,256 | \$ 32,636,539 | \$ 4,735,543 | \$ 35,675,996 | |
| Water System Dev Fee Fund | 2,473,138 | 8,612,966 | 8,314,780 | 893,131 | 15,281,648 | |
| Water Resource Sys Dev Fees | - | - | - | - | 4,000,000 | |
| Water Operating Fund | 803,353 | 11,387,339 | 11,650,400 | 562,138 | 8,832,169 | |
| Grand Total | \$ 11,185,668 | \$ 54,400,561 | \$ 52,601,719 | \$ 6,190,812 | \$ 63,789,813 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Significant Budget Changes

Significant budget variances for capital cost centers are primarily attributed to specific project completions related to the prior fiscal year and new projects for the new fiscal year. Fiscal Year (FY) 2015-16 reflects the carryforward of uncompleted project funding from FY 2014-15. Detail on the capital program is available in the 2016-2025 Capital Improvement Program.



Division: Water Treatment Plant
Cost Center: 3830

Water Treatment is responsible for providing Chandler residences, businesses, and industries with a sufficient and continuous supply of potable water. This is accomplished through a water treatment process that employs coagulation, sedimentation, and filtration to produce 60-million gallons of water per day at the surface water treatment plant. Additionally, the water treatment plant operates the 34 wells and 21 booster stations within the water distribution system through a state-of-the-art supervisory and data acquisition system.

2015-16 Performance Measurements

Goal:

Maintain overall regulatory compliance.

Supports Priority Based Budgeting Goal(s): Safe Community

Objective:

- ◆ Operate the surface water treatment plant, deep wells, and booster stations to ensure regulatory compliance.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|----------------|----------------|-------------------|-----------------------------|-------------------|
| Compliance with state, county and Environmental Protection Agency (EPA) requirements | In Compliance | In Compliance | In Compliance | In Compliance | In Compliance |

Goal:

Meet the requirements of AR 12-15 as described in Arizona Administrative Code, Title 12, Chapter 15, Article 7, Assured and Adequate Water Supply.

Supports Priority Based Budgeting Goal(s): Good Governance

Objective:

- ◆ Optimize the use of surface water and minimize the use of groundwater throughout the City.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---|----------------|----------------|-------------------|-----------------------------|--------------------|
| Surface water deliveries in gallons (1,000,000) | 12,454 | 11,401 | 13,000 | 11,189 | 12,000 |
| Groundwater deliveries in gallons (1,000,000) | 4,463 | 4,865 | 4,500 | N/A ⁽¹⁾ | N/A ⁽¹⁾ |

⁽¹⁾ Measure no longer being used effective Fiscal Year 2014-15. Groundwater deliveries were also shown in cost center 3860, Water Systems Maintenance, under well water deliveries in gallons and will continue to be shown in that cost center as groundwater deliveries in gallons.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."

Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Water Treatment Plant – 3830 <<<

Goal:

Operate and maintain all water facilities efficiently.

Supports Priority Based Budgeting Goal(s): Sustainable Economic Health

Objective:

- ◆ Minimize increases in water production costs.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|-------------------------------------|----------------|----------------|-------------------|-----------------------------|-------------------|
| Production cost per million gallons | \$288 | \$208 | \$300 | \$264 | \$275 |

Goal:

Maintain less than 0.15 Nephelometric Turbidity Units (NTU's) in the finished water. The City's guideline is stricter than federal and state regulations of 0.5 NTU's.

Supports Priority Based Budgeting Goal(s): Safe Community

Objective:

- ◆ Closely monitor and operate the plant to ensure the finished water NTU's do not exceed 0.15 in more than 15 percent of the samples taken.

| Measures ⁽¹⁾ | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---|----------------|----------------|-------------------|-----------------------------|-------------------|
| Percentage of finished water turbidity samples between 0.05 to 0.15 NTU | 95.81% | 95.45% | 95.00% | 96.00% | 95.00% |
| Percentage of finished water turbidity samples between 0.16 to 0.5 NTU | 4.19% | 4.55% | 5.00% | 4.00% | 5.00% |

⁽¹⁾ Measures reflect the percentage of the total samples taken annually.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Water Treatment Plant – 3830 <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|---------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 1,111,355 | \$ 1,092,368 | \$ 1,110,840 | \$ 1,045,434 | \$ 1,145,616 | 4.87% |
| Ongoing* | - | 1,092,368 | 1,110,840 | 1,045,434 | 1,145,616 | 4.87% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 4,185,932 | 144,828 | 743,606 | 757,756 | 129,950 | -10.27% |
| Operating Supplies | 979,188 | 1,720,871 | 2,160,770 | 2,163,589 | 1,720,871 | 0.00% |
| Repairs/Maintenance | 166,160 | 156,556 | 156,556 | 191,400 | 180,056 | 15.01% |
| Communications/Transportation | 10,348 | 15,967 | 15,967 | 10,570 | 15,967 | 0.00% |
| Insurance/Taxes | - | 1,000 | 1,000 | - | 1,000 | 0.00% |
| Rents/Utilities | 1,669,865 | 2,036,033 | 2,036,033 | 1,900,000 | 2,012,533 | -1.15% |
| Other Charges/Services | 33,317 | 50,014 | 50,014 | 45,115 | 50,014 | 0.00% |
| Contingencies/Reserves | - | 436,550 | 436,550 | - | 436,550 | 0.00% |
| Capital Replacement | 11,022 | 11,022 | 11,022 | 11,022 | 11,022 | 0.00% |
| Total Cost Center - 3830 | \$ 8,167,186 | \$ 5,665,209 | \$ 6,722,358 | \$ 6,124,886 | \$ 5,703,579 | 0.68% |
| Water Operating Fund | \$ 8,167,186 | \$ 5,665,209 | \$ 6,722,358 | \$ 6,124,886 | \$ 5,703,579 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Administrative Specialist | 0.5 | 0 | 0 | 0 | 0 | 0 |
| Executive Assistant | 1 | 1 | 1 | 1 | 0 | 0 |
| Senior Administrative Assistant | 0 | 0 | 0 | 0 | 1 | 1 |
| Water Plant Operator I | 5 | 5 | 5 | 5 | 5 | 5 |
| Water Plant Operator II | 5 | 5 | 5 | 5 | 6 | 6 |
| Water Systems Operations Superintendent | 1 | 1 | 1 | 1 | 1 | 1 |
| Total | 12.5 | 12 | 12 | 12 | 13 | 13 |

Significant Budget and Staffing Changes

As a result of a citywide classification study for administrative positions effective July 1, 2014, one Executive Assistant position was renamed Senior Administrative Assistant. During Fiscal Year 2014-15, one Utilities Electrician was transferred from cost center 3860, Water System Maintenance, and reclassified to Water Plant Operator II.



| | |
|---------------------|-------------------------|
| Division: | Environmental Resources |
| Cost Center: | 3840 |

Environmental Resources is responsible for protecting Chandler's existing water supplies, estimating Chandler's future water demands, negotiating, acquiring, and managing Chandler's water resources, and promoting water conservation through public programs, elementary school education programs, rebates, demonstration projects, and workshops. This cost center is also responsible for following the status of new federal and state laws, rules, and regulations pertaining to the Clean Water Act and the Safe Drinking Water Act and reviewing and tracking all Municipal Utilities Department plans and projects.

2015-16 Performance Measurements

Goal:

Ensure Chandler has sufficient water resources to meet current and build out demands. Also, comply with the State's Groundwater Management Act by accumulating long-term storage credits for drought protection.

Supports Priority Based Budgeting Goal(s): Safe Community; Sustainable Economic Health

Objectives:

- ◆ Protect and defend Chandler's water rights.
- ◆ Ensure Chandler's Water Resource permits are maintained to comply with the State Groundwater Management Act (GMA).
- ◆ Maintain Chandler's Assured Water Supply to allow continued growth and economic development.
- ◆ Ensure Chandler has sufficient water stored underground to legally pump its wells.
- ◆ Accumulate long-term storage credits to meet potable water supply needs during droughts

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|--------------------------|--------------------------|-------------------------|-----------------------------|-------------------------|
| Maintain storage and well recovery permits to comply with Assured Water Supply rules | 26 | 26 | 26 | 26 | 26 |
| Maintain surface water rights and contracts ⁽¹⁾ | 90,785 AF | 90,785 AF | 90,785 AF | 90,785 AF | 90,785 AF |
| Secure long-term storage credits as measured in acre-feet (AF) ⁽²⁾ | 14,100 AF ⁽³⁾ | 10,026 AF ⁽³⁾ | 6,500 AF ⁽⁴⁾ | 6,700 AF ⁽⁴⁾ | 7,500 AF ⁽⁴⁾ |

⁽¹⁾ Supply under normal conditions.

⁽²⁾ One acre-foot of water will meet the needs of six Chandler residents for one year.

⁽³⁾ New Conservation Space (NCS) Water is available for use as long term storage credits.

⁽⁴⁾ Accumulation of long term storage credits is dependent on available water supplies

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."

Note: All measurements are through June 30th, the last day of the fiscal year.

>>> Environmental Resources - 3840 <<<

Goal:

Educate the citizens of Chandler about the importance of water conservation through residential audits, educational programs, community presentations, workshops, and rebate programs.

Supports Priority Based Budgeting Goal(s): Healthy and Attractive Community; Safe Community; Sustainable Economic Health

Objectives:

- ◆ Educate Chandler residents on all aspects of water conservation through workshops, community presentations, school programs, public events, and distribution of water conservation packets.
- ◆ Administer and promote the water conservation rebate program to reduce water usage.
- ◆ Administer water saving retrofit kit program.
- ◆ Provide water conservation assistance to high water use homeowners, commercial, industrial, and turf facilities to reduce overall consumption.
- ◆ Implement the conservation requirements of the Third Management Plan of the Groundwater Management Act.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---|-------------------|----------------|-------------------|-----------------------------|--------------------|
| Water conservation workshops | 23 | 22 | 22 | 22 | 22 |
| Number of residents attending workshops | 895 | 460 | 650 | 500 | 500 |
| Presentations to schools | 65 | 83 | 75 | 75 | 75 |
| Number of children attending presentations | 8,979 | 10,547 | 10,000 | 10,000 | 10,000 |
| Distribute residential water conservation packets | 530 | 512 | 600 | 500 | 500 |
| Issuance of rebates | 126 | 138 | 175 | 150 | 150 |
| Distribute water saving retrofit kits to single and multi-family residences built prior to 1992 | 21 ⁽¹⁾ | 59 | 60 | 50 | N/A ⁽²⁾ |
| Residential water audits | 240 | 192 | 350 | 300 | 300 |
| Implement conservation programs mandated by Arizona Department of Water Resources | 11 | 11 | 11 | 11 | 11 |

⁽¹⁾ A major distribution event was postponed to the following fiscal year.

⁽²⁾ Measure no longer being used effective Fiscal Year 2015-16.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."

Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Environmental Resources - 3840 <<<

Goal:

To ensure the City's operations staff is aware of the final rules promulgated by federal or state regulatory agencies.

Supports Priority Based Budgeting Goal(s): Good Governance

Objective:

- ◆ To alert operations staff for compliance with final rules promulgated by federal or state regulatory agencies and report the standard and compliance date.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|----------------|----------------|-------------------|-----------------------------|-------------------|
| Prepare a written summary of a new law, rule, or regulation promulgated by a state or federal regulatory agency that will impact the City's compliance with the Safe Drinking Water Act or Clean Water Act | 2 | 3 | 4 | 6 | 2 |

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Environmental Resources - 3840 <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|---------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 974,796 | \$ 963,598 | \$ 993,285 | \$ 974,300 | \$ 1,109,042 | 15.09% |
| Ongoing* | - | 963,598 | 993,285 | 974,300 | 1,109,042 | 15.09% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 115,357 | 5,934,283 | 5,974,458 | 5,990,491 | 6,529,503 | 10.03% |
| Operating Supplies | 30,164 | 81,518 | 82,097 | 49,509 | 81,013 | -0.62% |
| Repairs/Maintenance | 29,447 | 27,380 | 35,294 | 36,823 | 28,380 | 3.65% |
| Communications/Transportation | 3,538 | 19,607 | 19,607 | 12,780 | 18,107 | -7.65% |
| Rents/Utilities | 7,665 | 11,520 | 11,520 | 11,520 | 11,520 | 0.00% |
| Other Charges/Services | 119,395 | 174,691 | 175,591 | 146,784 | 169,954 | -2.71% |
| Machinery/Equipment | 3,506 | - | - | - | - | N/A |
| Capital Replacement | 8,914 | 8,914 | 8,914 | 10,538 | 8,914 | 0.00% |
| Total Cost Center - 3840 | \$ 1,292,782 | \$ 7,221,511 | \$ 7,300,766 | \$ 7,232,745 | \$ 7,956,433 | 10.18% |
| Grant Fund | \$ - | \$ 30,000 | \$ 30,000 | \$ - | \$ 30,000 | |
| Water Operating Fund | 1,292,782 | 7,191,511 | 7,270,766 | 7,232,745 | 7,926,433 | |
| Grand Total | \$ 1,292,782 | \$ 7,221,511 | \$ 7,300,766 | \$ 7,232,745 | \$ 7,956,433 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Construction Project Manager | 1 | 1 | 1 | 1 | 1 | 1 |
| Engineer | 0 | 0 | 0 | 0 | 1 | 1 |
| Engineering Project Manager | 1 | 1 | 1 | 1 | 1 | 1 |
| Utilities Engineering Manager | 1 | 1 | 1 | 1 | 1 | 1 |
| Utility Analyst | 0 | 0 | 1 | 1 | 1 | 1 |
| Water Conservation Coordinator | 1 | 1 | 1 | 1 | 1 | 1 |
| Water Conservation Specialist | 1 | 1 | 1 | 1 | 1 | 1 |
| Water Quality Specialist | 1 | 1 | 0 | 0 | 0 | 0 |
| Water Regulatory Affairs Manager | 1 | 1 | 1 | 1 | 1 | 1 |
| Water Resource Manager | 1 | 1 | 1 | 1 | 1 | 1 |
| Total | 8 | 8 | 8 | 8 | 9 | 9 |

Significant Budget and Staffing Changes

During Fiscal Year (FY) 2014-15, one Management Analyst position was reclassified to Engineer and moved from cost center 3050, Administration.

FY 2015-16 includes an increase in ongoing funding for water purchase agreements in the Professional/Contract category.



Division: Water Quality
Cost Center: 3850

Water Quality is responsible for ensuring that the City water supply meets compliance standards set by the federal and state government. This is

accomplished through a program of sampling, laboratory testing, reporting, and record keeping. This area also manages the backflow prevention and flushing programs in order to prevent contamination of the City's potable water supply and assure a palatable taste for the customer.

2015-16 Performance Measurements

Goal:

Ensure water quality and regulatory compliance with federal, state, county, and local regulations through sample collection, laboratory testing, and backflow prevention.

Supports Priority Based Budgeting Goal(s): Safe Community

Objectives:

- ◆ Conduct sampling and analysis of bacteriological activity in the City's drinking water.
- ◆ Assure customer satisfaction by responding to water quality complaints in a timely and courteous manner.
- ◆ Conduct a proactive backflow prevention testing program.
- ◆ Perform sampling of new mains to eliminate contamination of existing mains.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---|----------------|----------------|-------------------|-----------------------------|-------------------|
| Collect and conduct 150 bacteriological tests per month throughout the City's distribution system | 99.8% | 100% | 100% | 100% | 100% |
| Water quality complaints responded to within 24 hours | 100% | 100% | 100% | 100% | 100% |
| Ensure annual testing requirements are met for all documented backflow assemblies | 100% | 100% | 100% | 100% | 100% |
| Perform sampling on all new water mains | 100% | 100% | 100% | 100% | 100% |

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Water Quality – 3850 <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|---------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 1,101,385 | \$ 1,161,691 | \$ 1,188,741 | \$ 1,158,100 | \$ 1,192,939 | 2.69% |
| Ongoing* | - | 1,161,691 | 1,188,741 | 1,158,100 | 1,192,939 | 2.69% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 82,077 | 191,564 | 202,699 | 140,100 | 183,291 | -4.32% |
| Operating Supplies | 168,737 | 207,002 | 214,682 | 127,875 | 187,792 | -9.28% |
| Repairs/Maintenance | 3,614 | 6,000 | 6,000 | 6,000 | 6,000 | 0.00% |
| Communications/Transportation | 24,836 | 30,487 | 30,487 | 21,925 | 41,727 | 36.87% |
| Insurance/Taxes | - | 500 | 500 | - | 500 | 0.00% |
| Other Charges/Services | 22,597 | 23,879 | 23,879 | 22,000 | 23,879 | 0.00% |
| Machinery/Equipment | 27,785 | - | - | - | - | N/A |
| Capital Replacement | 21,012 | 21,012 | 21,012 | 29,132 | 21,012 | 0.00% |
| Total Cost Center - 3850 | \$ 1,452,042 | \$ 1,642,135 | \$ 1,688,000 | \$ 1,505,132 | \$ 1,657,140 | 0.91% |
| Water Operating Fund | \$ 1,452,042 | \$ 1,642,135 | \$ 1,688,000 | \$ 1,505,132 | \$ 1,657,140 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Administrative Specialist | 0.5 | 0 | 0 | 0 | 0 | 0 |
| Chemist | 1 | 1 | 1 | 1 | 3 | 3 |
| Laboratory Supervisor | 0 | 0 | 0 | 0 | 1 | 1 |
| Senior Chemist | 1 | 1 | 1 | 1 | 0 | 0 |
| Senior Laboratory Technician | 3 | 3 | 3 | 3 | 0 | 0 |
| Water Operations Compliance Specialist | 1 | 1 | 2 | 2 | 2 | 2 |
| Water Quality Advisor | 0 | 0 | 0 | 0 | 1 | 1 |
| Water Quality Program Manager | 0 | 1 | 1 | 1 | 1 | 1 |
| Water Quality Superintendent | 1 | 0 | 0 | 0 | 0 | 0 |
| Water Quality Supervisor | 1 | 1 | 1 | 1 | 1 | 1 |
| Water Quality Technician | 4 | 4 | 3 | 3 | 3 | 3 |
| Total | 12.5 | 12 | 12 | 12 | 12 | 12 |

Significant Budget and Staffing Changes

During Fiscal Year 2014-15, one Senior Chemist position was reclassified to Water Quality Advisor, one Chemist was reclassified to Laboratory Supervisor, and three Senior Laboratory Technicians were reclassified to Chemist.



Division: Water Systems Maintenance
Cost Center: 3860

Water Systems Maintenance is responsible for providing Chandler residences, businesses, and industries with a sufficient and continuous supply of

potable water. This is accomplished through the pumping of wells and boosting of water from storage reservoirs. The facilities consist of 34 wells and 21 booster stations with reservoirs, which are controlled by a state-of-the-art supervisory and data acquisition system.

2015-16 Performance Measurements

Goal:

Maintain overall regulatory compliance.

Supports Priority Based Budgeting Goal(s): Safe Community

Objective:

- ◆ Operate the deep wells and booster stations to ensure regulatory compliance.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---|----------------|----------------|-------------------|-----------------------------|-------------------|
| Compliance with state, county, and Environmental Protection Agency (EPA) requirements | In Compliance | In Compliance | In Compliance | In Compliance | In Compliance |

Goal:

Assist in meeting the requirements of AR 12-15 as described in Arizona Administrative Code, Title 12, Chapter 15, Article 7, Assured and Adequate Water Supply.

Supports Priority Based Budgeting Goal(s): Good Governance

Objective:

- ◆ Produce required well water and maintain water storage for use throughout the City.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---|----------------|----------------|-------------------|-----------------------------|-------------------|
| Groundwater deliveries in gallons ⁽¹⁾ (1,000,000) | 4,436 | 4,865 | 4,500 | 4,500 | 4,600 |

⁽¹⁾ Groundwater deliveries were shown in cost center 3830, Water Treatment Plant, and will now be shown in this cost center as groundwater deliveries in gallons and no longer as well water deliveries in gallons as shown in prior years.

Goal:

Operate and maintain all water facilities efficiently.

Supports Priority Based Budgeting Goal(s): Sustainable Economic Health

Objective:

- ◆ Minimize increases in water production costs.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|-------------------------------------|----------------|----------------|-------------------|-----------------------------|-------------------|
| Production cost per million gallons | \$342 | \$320 | \$288 | \$342 | \$400 |

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.



>>> **Water Systems Maintenance - 3860** <<<

Goal:

Operate and maintain all Water Systems Maintenance equipment efficiently.

Supports Priority Based Budgeting Goal(s): Safe Community; Sustainable Economic Health

Objective:

- ◆ Maintain the operational status of the Water Systems Maintenance and related equipment at 93% or better efficiency.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|----------------|----------------|-------------------|-----------------------------|-------------------|
| Instrumentation equipment maintained at 93% or better efficiency | 95% | 95% | 95% | 95% | 95% |
| Electrical equipment maintained at 93% or better efficiency | 95% | 95% | 95% | 95% | 95% |
| Mechanical equipment maintained at 93% or better efficiency | 95% | 95% | 95% | 95% | 95% |

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Water Systems Maintenance – 3860 <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|---------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 1,823,010 | \$ 1,974,388 | \$ 2,013,340 | \$ 1,790,567 | \$ 1,851,691 | -6.21% |
| Ongoing* | - | 1,974,388 | 2,013,340 | 1,790,567 | 1,851,691 | -6.21% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 1,303 | 27,065 | 23,718 | 27,065 | 23,718 | -12.37% |
| Operating Supplies | 516,659 | 711,593 | 730,833 | 701,666 | 826,593 | 16.16% |
| Repairs/Maintenance | 1,000,342 | 1,368,338 | 1,384,248 | 1,384,248 | 1,253,338 | -8.40% |
| Communications/Transportation | 10,492 | 23,162 | 23,162 | 13,125 | 23,162 | 0.00% |
| Insurance/Taxes | 1,000 | 2,500 | 2,500 | 1,000 | 2,500 | 0.00% |
| Rents/Utilities | 1,415,712 | 1,666,940 | 1,666,940 | 1,605,000 | 1,666,940 | 0.00% |
| Other Charges/Services | 33,018 | 54,580 | 54,580 | 47,241 | 54,580 | 0.00% |
| Water System Improvements | 406,467 | 600,650 | 600,650 | 600,650 | 600,650 | 0.00% |
| Capital Replacement | 38,587 | 38,587 | 38,587 | 38,587 | 38,587 | 0.00% |
| Total Cost Center - 3860 | \$ 5,246,590 | \$ 6,467,803 | \$ 6,538,558 | \$ 6,209,149 | \$ 6,341,759 | -1.95% |
| Water Operating Fund | \$ 5,246,590 | \$ 6,467,803 | \$ 6,538,558 | \$ 6,209,149 | \$ 6,341,759 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Instrumentation Technician | 4 | 4 | 4 | 4 | 4 | 4 |
| IT Application Support Specialist | 1 | 1 | 1 | 1 | 0 | 0 |
| Laborer | 2 | 2 | 0 | 0 | 0 | 0 |
| Senior Business Systems Support Specialist | 0 | 0 | 0 | 0 | 0 | 0 |
| Senior Utilities Mechanic | 9 | 9 | 9 | 9 | 8 | 8 |
| Utilities Electrician | 4 | 4 | 4 | 4 | 3 | 3 |
| Utilities Maintenance Worker | 0 | 0 | 2 | 2 | 2 | 2 |
| Utilities Predictive Maintenance Technician | 0 | 0 | 0 | 0 | 1 | 1 |
| Utilities Systems Maintenance Coordinator | 0 | 0 | 1 | 1 | 1 | 1 |
| Utilities Systems Maintenance Superintendent | 1 | 1 | 1 | 1 | 1 | 1 |
| Water Systems Maintenance Coordinator | 1 | 1 | 0 | 0 | 0 | 0 |
| Total | 22 | 22 | 22 | 22 | 20 | 20 |

Significant Budget and Staffing Changes

As a result of a citywide classification study for information technology positions effective July 1, 2014, one IT Application Support Specialist position was reclassified to Senior Business Systems Support Specialist, and the position was subsequently transferred to cost center 3050, Administration. During Fiscal Year 2014-15, one Senior Utilities Mechanic position was reclassified to Utilities Predictive Maintenance Technician, and one Utilities Electrician was transferred to cost center 3830, Water Treatment Plant, and reclassified to Water Plant Operator II.



| | |
|---------------------|-------------------------------------|
| Division: | San Tan Vista Water Treatment Plant |
| Cost Center: | 3870 |

San Tan Vista Water Treatment Plant is a joint effort between the City of Chandler and Town of Gilbert. The plant provides Chandler and Gilbert residences, businesses, and industries with a sufficient and continuous supply of potable water. The Town of Gilbert will operate the plant under a long-term contract.

2015-16 Performance Measurements

Goal:
Maintain overall regulatory compliance.

Supports Priority Based Budgeting Goal(s): Safe Community

Objective:
◆ Operate the San Tan Vista Water Treatment Plant to ensure regulatory compliance.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---|----------------|----------------|-------------------|-----------------------------|-------------------|
| Compliance with state, county, and Environmental Protection Agency (EPA) requirements | In Compliance | In Compliance | In Compliance | In Compliance | In Compliance |

Goal:
Operate and maintain all water facilities efficiently.

Supports Priority Based Budgeting Goal(s): Sustainable Economic Health

Objective:
◆ Minimize increases in water production costs.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|-------------------------------------|--------------------|----------------|-------------------|-----------------------------|-------------------|
| Production cost per million gallons | N/A ⁽¹⁾ | \$149 | \$200 | \$154 | \$175 |

⁽¹⁾ New measure beginning in Fiscal Year (FY) 2013-14.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|---------------------------------|-----------------------------|------------------------|-------------------------|--------------------------------|------------------------|-----------------------------|
| Professional/Contract | \$ 1,082,552 | \$ 1,293,500 | \$ 1,318,814 | \$ 1,100,000 | \$ 1,282,519 | -0.85% |
| Total Cost Center - 3870 | \$ 1,082,552 | \$ 1,293,500 | \$ 1,318,814 | \$ 1,100,000 | \$ 1,282,519 | -0.85% |
| Water Operating Fund | \$ 1,082,552 | \$ 1,293,500 | \$ 1,318,814 | \$ 1,100,000 | \$ 1,282,519 | |

Significant Budget Changes

There are no significant budget changes for FY 2015-16.



Division: Meter Services
Cost Center: 3880

Meter Services is responsible for collecting monthly water usage associated with over 75,000 Chandler utility accounts. This division also responds to customer requests to start and finalize water service, verify water meter accuracy, and detect water leaks.

2015-16 Performance Measurements

Goal:

Collect monthly water usage in a timely and accurate manner to ensure revenue is available for the operation of Chandler's water treatment, production, and distribution systems.

Supports Priority Based Budgeting Goal(s): Good Governance; Sustainable Economic Health

Objective:

- ◆ Obtain timely water meter readings to facilitate issuance of utility bills on schedule.
- ◆ Submit accurate water meter readings to Utility Billing to ensure customer water use is billed appropriately.
- ◆ Provide outstanding customer service when assisting utility customers to start and finalize water service, verify meter accuracy, and detect leaks.
- ◆ Replace damaged meters and or registers to maintain integrity of meter inventory.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|----------------|----------------|-------------------|-----------------------------|-------------------|
| Number of water meter readings completed and reviewed for quality assurance | 956,532 | 968,172 | 962,000 | 976,080 | 988,000 |
| Percentage of water meters read within a 33 day cycle | 95% | 95% | 95% | 93% | 95% |
| Percentage of meter readings that did not require an estimate due to damaged meters, access, or misreads | 99.6% | 99.5% | 99% | 98% | 99% |
| Number of customer service requests completed | 31,631 | 34,764 | 35,000 | 36,780 | 35,000 |
| Number of water meters and or registers replaced | 1,812 | 1,626 | 2,000 | 1,370 | 2,000 |

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.



>>> **Meter Services - 3880** <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|---------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 643,926 | \$ 692,576 | \$ 707,675 | \$ 639,265 | \$ 748,849 | 8.13% |
| Ongoing* | | 692,576 | 707,675 | 639,265 | 748,849 | 8.13% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 60 | - | - | - | - | N/A |
| Operating Supplies | 363,211 | 469,831 | 469,831 | 433,494 | 442,042 | -5.91% |
| Repairs/Maintenance | 10,712 | 27,410 | 28,594 | 22,745 | 29,710 | 8.39% |
| Communications/Transportation | 3,244 | 4,350 | 4,350 | 3,350 | 4,350 | 0.00% |
| Insurance/Taxes | 536 | - | - | - | 2,000 | N/A |
| Rents/Utilities | - | 2,000 | 2,000 | 2,000 | - | -100.00% |
| Other Charges/Services | - | 500 | 500 | 500 | 2,000 | 300.00% |
| Contingencies/Reserves | - | 6,510 | 6,510 | - | 9,510 | 46.08% |
| Water System Improvements | - | - | - | 351 | - | N/A |
| Capital Replacement | 16,075 | 16,075 | 16,075 | 37,064 | 16,075 | 0.00% |
| Total Cost Center - 3880 | \$ 1,037,765 | \$ 1,219,252 | \$ 1,235,535 | \$ 1,138,769 | \$ 1,254,536 | 2.89% |
| Water Operating Fund | \$ 1,037,765 | \$ 1,219,252 | \$ 1,235,535 | \$ 1,138,769 | \$ 1,254,536 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|---------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Senior Utility Billing Representative | 1 | 1 | 1 | 1 | 1 | 1 |
| Utility Meter Technician | 8 | 8 | 7 | 7 | 7 | 7 |
| Utility Meter Technician II | 0 | 0 | 2 | 2 | 1 | 1 |
| Utility Meter Technician Supervisor | 1 | 1 | 1 | 1 | 1 | 1 |
| Utility Systems Operator I | 1 | 1 | 0 | 0 | 0 | 0 |
| Utility Systems Technician II | 0 | 0 | 0 | 0 | 1 | 1 |
| Total | 11 | 11 | 11 | 11 | 11 | 11 |

Significant Budget and Staffing Changes

During Fiscal Year 2014-15, one Utility Meter Technician II position was reclassified to Utility Systems Technician II.



Division: Wastewater Collection
Cost Center: 3900

Wastewater Collection is responsible for maintaining all system appurtenances such as pipes, manholes, and pumping stations.

2015-16 Performance Measurements

Goal:

Provide the safest, most efficient, and economical methods for wastewater collection, control of sewer odor, and roach problems for residential, commercial, and industrial customers.

Supports Priority Based Budgeting Goal(s): Healthy and Attractive Community; Safe Community

Objectives:

- ◆ Maintain 870.69 miles of sewer lines so as to limit sewer odor and blockages through the use of the Hydrorodder and Jetter programs.
- ◆ Reduce roach complaints through a preventative Insecticide Painting Program and to respond promptly when complaints are received.
- ◆ Respond to and repair City owned broken service lines in a timely manner and to the customers' satisfaction.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|----------------|----------------|-------------------|-----------------------------|-------------------|
| Number of odor complaints received | 64 | 42 | 70 | 65 | 65 |
| Number of blockages originating in City sewer mains | 4 | 7 | 20 ⁽¹⁾ | 15 | 20 |
| Number of roach complaints received ⁽²⁾ | 88 | 45 | 100 | 95 | 100 |
| Percentage of roach complaints responded to within 24 hours ⁽³⁾ | 91% | 66.9% | 88% | 88% | 90% |
| Number of sewer service repairs that are the City's responsibility | 61 | 44 | 70 | 70 | 70 |
| Percentage of City service repairs completed within 48 hours | 89% | 91% | 90% | 90% | 90% |
| Number of sewer line miles cleaned annually ⁽⁴⁾ | 85.74 | 195.73 | 120 | 150 | 180 |

⁽¹⁾ In Fiscal Year (FY) 2014-15 a reduction in field operators resulted in less sewer miles cleaned that may result in a higher possibility of more blockages.

⁽²⁾ The City has enhanced the Insecticide Painting Program and now applies insecticide every other year to all the sewer manholes in the City. The insecticide has a warranted kill life of two years. When a complaint is received, Wastewater Collection staff inspects the complaint location for faulty paint and/or application. Warranty work is performed when appropriate.

⁽³⁾ Calls not responded to within 24 hours are due to weekends and holidays when crews were not available.

⁽⁴⁾ Hydrorodder and Jetter Program language removed in FY 2013-14 and now noted as number of sewer line miles cleaned annually.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."

Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Wastewater Collection - 3900 <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|----------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 885,760 | \$ 839,760 | \$ 858,834 | \$ 756,000 | \$ 844,253 | 0.54% |
| Ongoing* | - | 839,760 | 858,834 | 756,000 | 844,253 | 0.54% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 637,121 | 802,350 | 966,067 | 902,000 | 802,350 | 0.00% |
| Operating Supplies | 196,963 | 303,377 | 303,450 | 334,181 | 303,872 | 0.16% |
| Repairs/Maintenance | 16,565 | 28,278 | 29,675 | 27,500 | 28,278 | 0.00% |
| Communications/Transportation | 4,865 | 17,920 | 17,920 | 6,150 | 17,920 | 0.00% |
| Insurance/Taxes | 1,000 | 1,500 | 1,500 | 1,500 | 1,500 | 0.00% |
| Rents/Utilities | 112,548 | 169,505 | 169,505 | 175,000 | 169,505 | 0.00% |
| Other Charges/Services | 13,949 | 31,024 | 33,153 | 32,300 | 31,024 | 0.00% |
| Contingencies/Reserves | - | 10,000 | 10,000 | - | 10,000 | 0.00% |
| Capital Replacement | 37,058 | 37,058 | 37,058 | 37,058 | 37,058 | 0.00% |
| Total Cost Center - 3900 | \$ 1,905,828 | \$ 2,240,772 | \$ 2,427,162 | \$ 2,271,689 | \$ 2,245,760 | 0.22% |
| Wastewater Operating Fund | \$ 1,905,828 | \$ 2,240,772 | \$ 2,427,162 | \$ 2,271,689 | \$ 2,245,760 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|---------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Administrative Specialist | 1 | 1 | 1 | 1 | 0 | 0 |
| GIS Technician II | 1 | 1 | 1 | 1 | 1 | 1 |
| Lead Utility Systems Technician | 0 | 0 | 1 | 1 | 1 | 1 |
| Senior Administrative Assistant | 0 | 0 | 0 | 0 | 1 | 1 |
| Utility Systems Technician II | 0 | 0 | 4 | 4 | 4 | 4 |
| Utility Systems Technician III | 0 | 0 | 2 | 2 | 2 | 2 |
| Utility Systems Operator I | 3 | 3 | 0 | 0 | 0 | 0 |
| Utility Systems Operator II | 1 | 1 | 0 | 0 | 0 | 0 |
| Utility Systems Operator III | 3 | 3 | 0 | 0 | 0 | 0 |
| Wastewater Collections Superintendent | 1 | 1 | 1 | 1 | 1 | 1 |
| Total | 10 | 10 | 10 | 10 | 10 | 10 |

Significant Budget and Staffing Changes

As a result of a citywide classification study for administrative positions effective July 1, 2014, one Administrative Specialist position was reclassified to Senior Administrative Assistant.



| | |
|---------------------|--------------------|
| Division: | Wastewater Capital |
| Cost Center: | 3910 |

Capital Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|---|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 70,270 | \$ - | \$ - | \$ 76,901 | \$ - | N/A |
| Ongoing* | - | - | - | - | - | N/A |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 1,176,172 | 1,925,000 | 3,212,725 | 371,652 | 9,641,140 | 400.84% |
| Operating Supplies | 171 | 15,000 | 15,000 | 563 | - | -100.00% |
| Other Charges/Services | 33,956 | 250,000 | 153,139 | 88,531 | 600,000 | 140.00% |
| Project Support Recharge** | - | 100,000 | 2,363,407 | - | 74,297 | -25.70% |
| Contingencies/Reserves | - | 90,846,697 | - | - | 76,375,412 | -15.93% |
| Building/Improvements | 8,420,000 | - | 10,000 | - | 100,634,563 | N/A |
| Machinery/Equipment | - | - | - | - | 410,000 | N/A |
| Water System Improvements | 284,591 | - | 7,505,970 | 1,310,743 | - | N/A |
| Wastewater System Improvements | 69,854,881 | 16,900,000 | 84,018,741 | 19,055,178 | 6,647,000 | -60.67% |
| Total Cost Center - 3910 | \$ 79,840,041 | \$ 110,036,697 | \$ 97,278,982 | \$ 20,903,568 | \$ 194,382,412 | 76.65% |
| Fleet Replacement Fund | \$ - | \$ - | \$ - | \$ - | \$ 410,000 | |
| Reclaimed Water System Dev Fee Fund | 509,825 | 3,300,298 | 3,423,496 | 870,766 | 5,172,729 | |
| Wastewater Bond Fund | 10,466,010 | 40,866,115 | 41,293,412 | 5,629,495 | 40,220,917 | |
| Wastewater System Dev Fee Fund | 11,998,804 | 12,816,939 | 10,975,977 | 5,106,963 | 115,689,014 | |
| Wastewater Operating Fund | 56,865,402 | 53,053,345 | 41,586,097 | 9,296,344 | 32,389,752 | |
| WW Industrial Process Treatment Fund | - | - | - | - | 500,000 | |
| Grand Total | \$ 79,840,041 | \$ 110,036,697 | \$ 97,278,982 | \$ 20,903,568 | \$ 194,382,412 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

** Project Support Recharge reflects staff time spent in direct support of a specific capital project. This staff time is directly charged to the project.

Significant Budget Changes

Significant budget variances for capital cost centers are primarily attributed to specific project completions related to the prior fiscal year and new projects for the new fiscal year. Fiscal Year (FY) 2015-16 reflects the carryforward of uncompleted project funding from FY 2014-15. Detail on the capital program is available in the 2016-2025 Capital Improvement Program.

| | |
|---------------------|-----------------------------------|
| Division: | Ocotillo Brine Reduction Facility |
| Cost Center: | 3930 |

The Ocotillo Brine Reduction Facility provides the City of Chandler with a renewable resource by treating industrial wastewater from Intel Corporation's computer chip campus consisting of FAB 12, FAB 22, and FAB 32. This state-of-the-art facility uses reverse osmosis, nanofiltration, and microfiltration to treat the 1.5-million gallon per day wastewater stream produced by Intel Corporation's Campus. The industrial wastewater is purified and disinfected before it is recharged into the aquifer through direct injection wells.

2015-16 Performance Measurements

Goal:

Treat over 90 percent of the industrial brine stream from Intel Corporation to drinking water standards so that it can be recharged back into the aquifer or sent back to Intel Corporation for industrial reuse.

Supports Priority Based Budgeting Goal(s): Good Governance; Safe Community

Objectives:

- ◆ Maintain compliance within the guidelines of the Aquifer Protection Permit (APP).
- ◆ Operate and maintain the treatment facility efficiently.
- ◆ Monitor water quality through analytical testing.
- ◆ Recover over 90 percent of the industrial brine stream.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|----------------|------------------|----------------------|-----------------------------|----------------------|
| Compliance with the APP | 100% | 100% | 100% | 100% | 100% |
| Produce zero hardness water to strict Intel Corporation standards 100% of the time | N/A | N/A | 100% ⁽¹⁾ | 100% | 100% |
| Number of water quality tests performed | 528 | 528 | 3,488 ⁽²⁾ | 3,488 | 5,110 ⁽³⁾ |
| Recharge or recycle the treated industrial water (million gallons) | 256 | 0 ⁽⁴⁾ | 126 ⁽⁵⁾ | 438 ⁽⁵⁾ | 657 ⁽⁵⁾ |
| Percent of industrial waste recovered | 69% | 0 ⁽⁴⁾ | 90% | 95% ⁽⁶⁾ | 95% |

⁽¹⁾ New measure beginning Fiscal Year 2014-15

⁽²⁾ Increase in testing to meet state, county, and Intel Corporation's standards.

⁽³⁾ Increase is expected due to Intel Corporation adding cooling tower blow-down to the influent stream.

⁽⁴⁾ Decrease due to Intel Corporation bypassing water to allow operators to learn new processes.

⁽⁵⁾ Increase is expected to recover over 90 percent of the 1.4 million gallons per day.

⁽⁶⁾ Increase due to brine concentrator running during winter months.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."

Note: All measurements are through June 30th, the last day of the fiscal year.



>>> **Ocotillo Brine Reduction Facility - 3930** <<<

Budget Summary

| Description | 2013-14 | 2014-15 | 2014-15 | 2014-15 | 2015-16 | % Change |
|---|---------------------|---------------------|----------------------|------------------------|---------------------|--------------------|
| | Actual Expenditures | Adopted Budget | Adjusted Budget | Estimated Expenditures | Adopted Budget | Adopted to Adopted |
| Personnel Services | | | | | | |
| Total Personnel | \$ 1,110,254 | \$ 1,282,650 | \$ 1,309,739 | \$ 1,207,500 | \$ 1,644,883 | 28.24% |
| Ongoing* | - | 1,282,650 | 1,309,739 | 1,207,500 | 1,644,883 | 28.24% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 232,666 | 604,194 | 899,316 | 899,200 | 761,436 | 26.03% |
| Operating Supplies | 672,500 | 2,604,518 | 2,873,716 | 2,844,450 | 3,263,595 | 25.31% |
| Repairs/Maintenance | 89,061 | 164,150 | 173,750 | 100,950 | 224,805 | 36.95% |
| Communications/Transportation | 5,137 | 6,518 | 6,518 | 5,100 | 6,668 | 2.30% |
| Insurance/Taxes | - | 250 | 250 | 250 | 250 | 0.00% |
| Rents/Utilities | 314,462 | 1,252,400 | 1,252,400 | 1,252,400 | 965,000 | -22.95% |
| Other Charges/Services | 9,991 | 20,825 | 20,825 | 18,250 | 21,025 | 0.96% |
| Contingencies/Reserves | - | 3,000,000 | 7,370,401 | - | 3,000,000 | 0.00% |
| Machinery/Equipment | 16,634 | 8,892 | 8,892 | 4,000 | 8,892 | 0.00% |
| Capital Replacement | 6,534 | 8,494 | 8,494 | 8,494 | 8,494 | 0.00% |
| Total Cost Center - 3930 | \$ 2,457,239 | \$ 8,952,891 | \$ 13,924,301 | \$ 6,340,594 | \$ 9,905,048 | 10.64% |
| WW Industrial Process Treatment Fund | \$ 2,457,239 | \$ 8,952,891 | \$ 13,924,301 | \$ 6,340,594 | \$ 9,905,048 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2014-15 | 2015-16 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| | Revised | Revised | Revised | Adopted | Revised | Adopted |
| Executive Assistant | 1 | 1 | 1 | 1 | 0 | 0 |
| Instrumentation Technician | 1 | 1 | 2 | 2 | 2 | 2 |
| Reverse Osmosis Facility Superintendent | 1 | 1 | 1 | 1 | 1 | 1 |
| Reverse Osmosis Water Plant Operator II | 5 | 5 | 8 | 8 | 8 | 8 |
| Reverse Osmosis Water Plant Operator III | 0 | 0 | 0 | 0 | 1 | 1 |
| Senior Administrative Assistant | 0 | 0 | 0 | 0 | 1 | 1 |
| Senior Utilities Mechanic | 1 | 1 | 2 | 2 | 1 | 2 |
| Utilities Electrician | 1 | 1 | 1 | 1 | 1 | 1 |
| Wastewater Treatment Plant Operator II | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 10 | 10 | 15 | 15 | 15 | 17 |

Significant Budget and Staffing Changes

As a result of a citywide classification study for administrative positions effective July 1, 2014, one Executive Assistant position was renamed Senior Administrative Assistant. During Fiscal Year 2014-15, one Senior Utilities Mechanic position was reclassified to Reverse Osmosis Water Plant Operator III.

Effective July 1, 2015, one Senior Utilities Mechanic and one Wastewater Treatment Plant Operator II are added.



| | |
|---------------------|------------------------------------|
| Division: | Lone Butte Wastewater Treatment |
| Cost Center: | 3940 |

Lone Butte Wastewater Treatment Facility is responsible for treating domestic and industrial wastewater for reclamation.

2015-16 Performance Measurements

Goal:

To maintain compliance with the Gila River Indian Community (GRIC) lease agreement for water quality standards and to efficiently operate the Lone Butte Water Reclamation Facility.

Supports Priority Based Budgeting Goal(s): Safe Community; Sustainable Economic Health

Objectives:

- ◆ Maintain efficient treatment cost per million gallons (MG).
- ◆ Maintain 100 percent compliance with the GRIC lease agreement for water quality standards.
- ◆ Supply reuse water to the GRIC for irrigation purposes.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|--------------------|-------------------|----------------------|-----------------------------------|------------------------|
| Treatment cost per 1 MG | \$672 | \$822 | \$750 | \$1,010 ⁽¹⁾ | \$1,100 ⁽¹⁾ |
| Percent compliance with GRIC lease agreement | 81% ⁽²⁾ | 91% | 99% | 99% | 99% |
| Reuse of wastewater (MGD) | 5.43 | 3.9 | 2.5 ⁽³⁾ | 2.5 ⁽³⁾ | 2.4 ⁽³⁾ |

⁽¹⁾ Increase due to less flow into the Lone Butte Wastewater Treatment Facility beginning July 2014.

⁽²⁾ Decrease in percent compliance is due to filter being out of service for rehabilitation and filter performance issues.

⁽³⁾ Decrease due to less flow into the Lone Butte Wastewater Treatment Facility beginning July 2014.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."

Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Lone Butte Wastewater Treatment - 3940 <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|----------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 119,149 | \$ 143,252 | \$ 144,357 | \$ 135,000 | \$ 146,244 | 2.09% |
| Ongoing* | - | 143,252 | 144,357 | 135,000 | 146,244 | 2.09% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 105,001 | 94,120 | 125,165 | 94,100 | 104,120 | 10.62% |
| Operating Supplies | 579,486 | 609,205 | 609,205 | 436,400 | 609,405 | 0.03% |
| Repairs/Maintenance | 8,099 | 20,170 | 21,845 | 5,000 | 20,170 | 0.00% |
| Communications/Transportation | 2,439 | 3,070 | 3,070 | 2,600 | 3,070 | 0.00% |
| Insurance/Taxes | 500 | 500 | 500 | - | 500 | 0.00% |
| Rents/Utilities | 348,308 | 488,498 | 488,498 | 350,000 | 477,298 | -2.29% |
| Other Charges/Services | 3,099 | 4,085 | 4,085 | 3,200 | 5,085 | 24.48% |
| Contingencies/Reserves | - | 10,400 | 10,400 | - | 10,400 | 0.00% |
| Machinery/Equipment | - | 28,000 | 28,000 | 21,000 | 28,000 | 0.00% |
| Capital Replacement | 2,292 | 2,292 | 2,292 | 2,292 | 2,292 | 0.00% |
| Total Cost Center - 3940 | \$ 1,168,372 | \$ 1,403,592 | \$ 1,437,417 | \$ 1,049,592 | \$ 1,406,584 | 0.21% |
| Wastewater Operating Fund | \$ 1,168,372 | \$ 1,403,592 | \$ 1,437,417 | \$ 1,049,592 | \$ 1,406,584 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Wastewater Treatment Plant Operator III | 1 | 1 | 1 | 1 | 1 | 1 |
| Total | 1 | 1 | 1 | 1 | 1 | 1 |

Significant Budget and Staffing Changes

There are no significant budget and staffing changes for Fiscal Year 2015-16.



Division: Wastewater Quality
Cost Center: 3950

Wastewater Quality is charged with managing and administering the Industrial Wastewater Pretreatment Program. This program regulates and issues permits to industrial users who discharge pollutants into the wastewater collection system.

2015-16 Performance Measurements

Goal:

Ensure that wastewater quality remains in compliance with federal, state, county, tribal, and local regulations.

Supports Priority Based Budgeting Goal(s): Safe Community

Objectives:

- ◆ Manage and implement the Industrial Pretreatment Program by inspecting and sampling industrial customers for compliance with federal and local wastewater regulations.
- ◆ Perform sampling of groundwater and effluent for Aquifer Protection Permits.
- ◆ Reduce wastewater collection stoppages by inspecting grease traps and interceptors.
- ◆ Manage compliance sampling database and communicate with industries to help them achieve compliance.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---|----------------|----------------|-------------------|-----------------------------|-------------------|
| Review industrial and City sampling reports to ensure compliance | 101 | 100 | 109 | 150 | 150 |
| Conduct compliance sampling for aquifer protection and reuse permits | 125 | 151 | 124 | 134 | 134 |
| Number of grease traps and sand and oil interceptors inspected | 1,235 | 1,094 | 1,000 | 1,050 | 1,000 |
| Number of significant industrial user inspections conducted to determine compliance with applicable requirements ⁽¹⁾ | N/A | N/A | 28 | 30 | 30 |

⁽¹⁾ New measure beginning Fiscal Year 2014-15.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Wastewater Quality - 3950 <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|----------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 308,782 | \$ 328,900 | \$ 337,536 | \$ 333,000 | \$ 342,095 | 4.01% |
| Ongoing* | - | 328,900 | 337,536 | 333,000 | 342,095 | 4.01% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 54,829 | 94,863 | 94,863 | 40,000 | 94,863 | 0.00% |
| Operating Supplies | 17,875 | 74,596 | 74,596 | 16,070 | 74,596 | 0.00% |
| Communications/Transportation | 362 | 3,837 | 3,837 | 1,380 | 3,837 | 0.00% |
| Insurance/Taxes | - | 500 | 500 | - | 500 | 0.00% |
| Other Charges/Services | 4,940 | 8,680 | 8,680 | 4,400 | 8,680 | 0.00% |
| Contingencies/Reserves | - | 79,000 | 79,000 | - | 79,000 | 0.00% |
| Capital Replacement | 6,841 | 6,841 | 6,841 | 6,841 | 6,841 | 0.00% |
| Total Cost Center - 3950 | \$ 393,630 | \$ 597,217 | \$ 605,853 | \$ 401,691 | \$ 610,412 | 2.21% |
| Wastewater Operating Fund | \$ 393,630 | \$ 597,217 | \$ 605,853 | \$ 401,691 | \$ 610,412 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|-----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Industrial Waste Inspector | 2 | 1 | 1 | 1 | 1 | 1 |
| Pretreatment Supervisor | 1 | 1 | 1 | 1 | 1 | 1 |
| Senior Industrial Waste Inspector | 1 | 2 | 2 | 2 | 2 | 2 |
| Total | 4 | 4 | 4 | 4 | 4 | 4 |

Significant Budget and Staffing Changes

There are no significant budget and staffing changes for Fiscal Year 2015-16.



Division: Airport Water Reclamation Facility
Cost Center: 3960

Airport Water Reclamation Facility is responsible for the treatment of domestic and industrial wastewater to water quality standards that allow

for reuse of effluent and recharge into the aquifer.

2015-16 Performance Measurements

Goal:

Efficiently treat municipal wastewater to State of Arizona permit water quality standards for reuse and recharge purposes.

Supports Priority Based Budgeting Goal(s): Safe Community; Sustainable Economic Health

Objectives:

- ◆ Maintain efficient treatment cost per million gallons (MG).
- ◆ Maintain water quality compliance for Aquifer Protection Permits and Reuse Permits issued by the Arizona Department of Environmental Quality.
- ◆ Continue to reuse and recharge reclaimed water.
- ◆ Conserve potable water by supplying reclaimed water for irrigation.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|---------------------------------------|----------------|-------------------|-------------------|-----------------------------|-------------------|
| Treatment cost per 1 MG | \$1,061 | \$1,041 | \$1,250 | \$1,050 | \$1,100 |
| Percent compliance with permits | 100% | 100% | 100% | 100% | 100% |
| Reuse of wastewater (MGD) | 7.50 | 9.91 | 11.0 | 13.6 ⁽¹⁾ | 14.0 |
| Recharge of wastewater (MGD) | 4.20 | 3.24 | 2.50 | 3.9 | 4.0 |
| Number of reclaimed (reuse) customers | 212 | NA ⁽²⁾ | 240 | NA ⁽²⁾ | NA ⁽²⁾ |

⁽¹⁾ Increase in Fiscal Year (FY) 2014-15 Year End Estimate reuse of wastewater due to increase in flow treated.

⁽²⁾ Number of reclaimed customers no longer being used effective FY 2015-16.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."
Note: All measurements are through June 30th, the last day of the fiscal year.



> > > Airport Water Reclamation Facility - 3960 < < <

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|----------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ 1,876,233 | \$ 2,483,908 | \$ 2,535,299 | \$ 2,107,000 | \$ 2,415,934 | -2.74% |
| Ongoing* | - | 2,483,908 | 2,535,299 | 2,107,000 | 2,415,934 | -2.74% |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 827,227 | 1,591,182 | 1,666,095 | 1,000,200 | 1,760,977 | 10.67% |
| Operating Supplies | 1,442,124 | 1,738,110 | 1,738,110 | 1,655,400 | 2,161,413 | 24.35% |
| Repairs/Maintenance | 121,713 | 131,600 | 160,371 | 112,500 | 131,600 | 0.00% |
| Communications/Transportation | 17,587 | 24,942 | 24,942 | 17,700 | 25,662 | 2.89% |
| Insurance/Taxes | - | 1,000 | 1,000 | - | 1,000 | 0.00% |
| Rents/Utilities | 1,801,248 | 2,063,815 | 2,063,815 | 2,601,800 | 2,663,815 | 29.07% |
| Other Charges/Services | 42,786 | 59,827 | 59,827 | 58,500 | 59,827 | 0.00% |
| Contingencies/Reserves | - | 500,000 | 1,000,000 | - | 500,000 | 0.00% |
| Building/Improvements | 655 | - | - | - | - | N/A |
| Machinery/Equipment | 19,408 | 25,000 | 25,000 | 22,000 | 25,000 | 0.00% |
| Wastewater System Improvements | 13,082 | - | 6,819 | - | - | N/A |
| Capital Replacement | 16,880 | 15,900 | 15,900 | 15,900 | 28,805 | 81.16% |
| Total Cost Center - 3960 | \$ 6,178,942 | \$ 8,635,284 | \$ 9,297,178 | \$ 7,591,000 | \$ 9,774,033 | 13.19% |
| Wastewater Operating Fund | \$ 6,178,942 | \$ 8,635,284 | \$ 9,297,178 | \$ 7,591,000 | \$ 9,774,033 | |

* Ongoing and One-time Personnel Services detail not available for 2013-14 Actual Expenditures.



>>> **Airport Water Reclamation Facility - 3960** <<<

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Administrative Specialist | 1 | 1 | 1 | 1 | 0 | 0 |
| Business Systems Support Analyst | 0 | 0 | 0 | 0 | 1 | 1 |
| Instrumentation Technician | 3 | 3 | 3 | 4 | 4 | 4 |
| Maintenance Planner/Scheduler | 1 | 1 | 0 | 0 | 0 | 0 |
| Senior Administrative Assistant | 0 | 0 | 0 | 0 | 1 | 1 |
| Senior Utilities Mechanic | 4 | 4 | 4 | 5 | 5 | 5 |
| Utilities Electrician | 2 | 2 | 2 | 3 | 3 | 3 |
| Utilities Mechanic | 1 | 1 | 1 | 1 | 1 | 1 |
| Utilities Systems Analyst | 1 | 1 | 1 | 1 | 0 | 0 |
| Utilities Systems Maintenance Coordinator | 0 | 0 | 1 | 1 | 1 | 1 |
| Utilities Systems Maintenance Superintendent | 1 | 1 | 1 | 1 | 1 | 1 |
| Utility Operations Manager | 1 | 1 | 1 | 1 | 1 | 1 |
| Wastewater Facilities Superintendent | 1 | 1 | 1 | 1 | 1 | 1 |
| Wastewater Treatment Plant Operator I | 2 | 2 | 2 | 2 | 2 | 2 |
| Wastewater Treatment Plant Operator II | 4 | 4 | 6 | 6 | 5 | 5 |
| Total | 22 | 22 | 24 | 27 | 26 | 26 |

Significant Budget and Staffing Changes

As a result of a citywide classification study for administrative and information technology related positions effective July 1, 2014, one Administrative Specialist position was reclassified to Senior Administrative Assistant and one Utilities Systems Analyst was reclassified to Business Systems Support Analyst. During Fiscal Year (FY) 2014-15, one Wastewater Treatment Plant Operator II was reclassified to Business Systems Support Analyst and transferred to cost center 3050, Administration.

FY 2015-16 includes ongoing funding for increases in Professional/Contract, Operating Supplies, and Rents/Utilities in relation to the recent expansion of the facility.



| | |
|---------------------|-------------------------------------|
| Division: | Ocotillo Water Reclamation Facility |
| Cost Center: | 3970 |

Ocotillo Water Reclamation Facility is responsible for the treatment of domestic and industrial wastewater to water quality standards that allow for reuse of effluent and recharge into the upper aquifer. As of July 1, 2015, the plant is operated by the City instead of by Severn Trent Environmental Services under a long-term contract.

2015-16 Performance Measurements

Goal:

To maintain treatment cost compliance with Arizona Department of Environmental Quality regulations and to maintain wastewater reuse and recharge.

Supports Priority Based Budgeting Goal(s): Safe Community; Sustainable Economic Health

Objectives:

- ◆ Maintain efficient treatment cost per million gallons (MG).
- ◆ Maintain water quality compliance for Aquifer Protection Permits and Reuse Permits issued by Arizona Department Environmental Quality.
- ◆ Continue to reuse and recharge reclaimed water.

| Measures | 2012-13 Actual | 2013-14 Actual | 2014-15 Projected | 2014-15 Year End Estimate * | 2015-16 Projected |
|--|----------------|----------------|-------------------|-----------------------------|------------------------|
| Treatment cost per 1 MG ⁽¹⁾ | \$1,390 | \$1,214 | \$1,350 | \$1,275 | \$1,250 ⁽²⁾ |
| Percent compliance with permits | 100% | 100% | 100% | 100% | 100% |
| Reuse of wastewater (MGD) | 6.68 | 7.06 | 7.80 | 6.50 | 6.80 |
| Recharge of wastewater (MGD) | 1.53 | 1.25 | .70 | 1.0 | 1.0 |

⁽¹⁾ Treatment costs per 1 MG include overhead and profit.

⁽²⁾ Beginning Fiscal Year 2015-16, City staff will operate and maintain the facility.

* 2014-15 Year End Estimate reflects "six months actual" and "six months estimated."

Note: All measurements are through June 30th, the last day of the fiscal year.



>>> Ocotillo Water Reclamation Facility - 3970 <<<

Budget Summary

| Description | 2013-14 Actual Expenditures | 2014-15 Adopted Budget | 2014-15 Adjusted Budget | 2014-15 Estimated Expenditures | 2015-16 Adopted Budget | % Change Adopted to Adopted |
|----------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|------------------------------|-----------------------------------|
| Personnel Services | | | | | | |
| Total Personnel | \$ - | \$ - | \$ 358,578 | \$ - | \$ 1,074,296 | N/A |
| Ongoing* | - | - | 358,578 | - | 1,074,296 | N/A |
| One-time* | - | - | - | - | - | N/A |
| Professional/Contract | 3,358,248 | 3,718,170 | 4,293,976 | 3,600,000 | 450,570 | -87.88% |
| Operating Supplies | 172,528 | 100,000 | 107,543 | 250,000 | 1,013,598 | 913.60% |
| Repairs/Maintenance | - | - | - | - | 76,350 | N/A |
| Communications/Transportation | - | - | - | - | 17,550 | N/A |
| Insurance/Taxes | - | - | - | - | 1,000 | N/A |
| Rents/Utilities | 94,850 | 300,000 | 337,607 | 120,000 | 916,500 | 205.50% |
| Other Charges/Services | 100 | - | - | - | 31,500 | N/A |
| Contingencies/Reserves | - | - | - | - | 500,000 | N/A |
| Machinery/Equipment | - | - | - | - | 25,000 | N/A |
| Capital Replacement | - | - | - | - | 22,311 | N/A |
| Total Cost Center - 3970 | \$ 3,625,727 | \$ 4,118,170 | \$ 5,097,704 | \$ 3,970,000 | \$ 4,128,675 | 0.26% |
| Wastewater Operating Fund | \$ 3,625,727 | \$ 4,118,170 | \$ 5,097,704 | \$ 3,970,000 | \$ 4,128,675 | |

Authorized Positions

| Position Title | 2011-12 Revised | 2012-13 Revised | 2013-14 Revised | 2014-15 Adopted | 2014-15 Revised | 2015-16 Adopted |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Chemist | 0 | 0 | 0 | 0 | 1 | 1 |
| Senior Administrative Assistant | 0 | 0 | 0 | 0 | 1 | 1 |
| Senior Utilities Mechanic | 0 | 0 | 0 | 0 | 1 | 1 |
| Utilities Electrician | 0 | 0 | 0 | 0 | 1 | 1 |
| Utilities Facility Superintendent | 0 | 0 | 0 | 0 | 1 | 1 |
| Utilities Maintenance Worker | 0 | 0 | 0 | 0 | 1 | 1 |
| Utilities Mechanic | 0 | 0 | 0 | 0 | 2 | 2 |
| Wastewater Treatment Plant Operator I | 0 | 0 | 0 | 0 | 1 | 1 |
| Wastewater Treatment Plant Operator II | 0 | 0 | 0 | 0 | 3 | 3 |
| Total | 0 | 0 | 0 | 0 | 12 | 12 |

Significant Budget Changes

During Fiscal Year 2014-15, twelve new positions were added to allow the City to take over operations of the Ocotillo Water Reclamation Facility.

Effective July 1, 2015, the Ocotillo Water Reclamation Facility will convert from a contracted operation to a City operated facility.