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**Board of Directors:**

Milt Davies  
Al Gebhart  
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**Staff:**

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General Manager

Jack Bebee  
Assistant General Manager

Marcie Eilers  
Admin Services Manager

Robert H. James  
Legal Counsel

Mary Lou Boultinghouse  
Board Secretary

June 22, 2015

TO: Board of Directors

SUBJECT: Final Budget for 2015-16

The final budget for Fiscal Year 2015-16 is submitted herewith. The budget breaks operating activities into four separate operating departments: Water, Wastewater, Recycled Water, and Administration/Finance. Separate Capital and Debt Service funds have also been established in both water and wastewater divisions to retain separate identify of I.D. "S" assets and liabilities in compliance with the LAFCO merger conditions.

The budget reflects the Board's commitment to serving customers throughout the Fallbrook Public Utility District economically and efficiently during the next year as well as long-term planning to provide for current and future customers' needs for reliable, cost effective water and sewer service. The budget was prepared by:

- 1) Analyzing past performance;
- 2) Conducting a comprehensive study of the service level requirements for the upcoming year;
- 3) Considering the long-term program of capital equipment replacement and system improvements;
- 4) Alternative water supply sources; and
- 5) Board review of the preliminary budget submitted in April.

Funding is provided for 67 staff positions, down one from FY 14-15.

The North County Joint Powers Authority (JPA) which was formed in February 2013 between Fallbrook Public Utility District and Rainbow Municipal Water District was dissolved in April 2014 by a vote of the Rainbow MWD Board of Directors. No costs or savings associated with the JPA are incorporated into the FY 15-16 Final Budget.

Beginning July 1, 2015 the District will implement allocations and penalty water rates consistent with the California Governor's executive order to reduce FY 15-16 residential water usage by 25%. Agricultural usage is exempted by the executive order. Separately, the

SDCWA, responding to MWD regional cutbacks, has ordered a 15% cutback in the District's agricultural use. Based upon the State and SDCWA restrictions, the Final Budget will assume a 15% cutback for all customer classes. The cutbacks will be based on water sales from FY 13-14.

If the District does not meet the cutback requirements, a SDCWA penalty rate of \$1,480, or \$4.54 per kgal will be charged for exceeding the cutback by 100% to 115%. If the exceedance is greater than 115% the penalty rate will be \$2,960 or \$9.08 per kgal. This penalty is in addition to the regular cost of water. The District will pass through the penalties to the customers not in compliance with the same percentages, (i.e. exceeding 100%/115%) as listed above.

Total estimated operating revenues are \$27,780,163 from potable and recycled water sales, potable and recycled water service charges, sewer service charges, RTS and IAC pass through charges and sundry revenue. Total operating expenses of \$27,814,298 include \$16,368,817 for potable and recycled water purchase and production and \$11,445,481 for operating expenses. Budgeted operating expenses are up \$322,056 compared to FY 14-15. \$241,000 of the increase is due to increased wholesale water costs although the District will purchase 600 AF less water than in FY 14-15 due to the mandatory cutbacks required as of July 1, 2015. FY 15-16 budgeted purchases of 11,400 AF. The remainder is due to increased costs to operate the aging wastewater treatment plant as it undergoes a major rehabilitation.

The consolidated Operating Budget is based on projected net revenues generated by potable water sales of 10,700 AF, the lowest sales estimate for the past 30 years. Recycled water sales of 640 AF, are budgeted and average sewage treatment of 1.9 MGD. Projected operating expenses include \$776,776 in transfers to debt service. The budget includes water and sewer rates established by Resolution No. 4857 at the June 22, 2015 Board meeting.

Water operations, wastewater operations, and recycled operations for the budget year are shown separately in the Operating Budget sections. The CWA rebates for recycled water sales are collected in the Recycled Fund and partially transferred to the State Revolving Fund as the source of debt service payments. The MWD recycled water rebate program ended 1/31/15.

Changes in water rate methodology beginning in FY 14-15 include no longer "blending" SDCWA rates into a fiscal year. Instead they were "unblended" for the remainder of Calendar Year 2014 and are

subsequently be updated on January 1 of each year to match the timing of rate changes by MWD and SDCWA. Only water rates will be affected, all other rates and charges will be updated each fiscal year. Additionally, Shortage Level 2, pricing will be implemented as of July 1, 2015. CWA has released preliminary CY 2016 rates. As a result of these draft rates, a rate increase of \$.28 per kgal for Tier I M&I, an increase of \$.31 for Tier 2 M&I, and an increase of \$.34 for Tier 3 M&I. Tier 1 water is sold at a loss and M&I customers get the first 5 units of water at Tier 1 regardless of usage. SDCWA has extended the SAWR program to 12/31/20. Based on SDCWA's draft rates, SAWR rates will increase \$.10. A new class of non-interruptible customers was created in FY 08-09 for those customers opting out of IAWP and SAWR programs. Based on SDCWA draft rates, Commercial Ag rates will increase by \$.48 per kgal.

The MWD Readiness-to-Serve Charge (RTS) and the SDCWA Infrastructure Access Charge (IAC) is charged to all customers and is passed directly through to the customer. Water rate increases by MWD and SDCWA will be passed through directly, a policy adopted by the Board in FY 09-10.

The monthly water operations charge for all customer classes will increase by 3%. This increase follows the Board policy of providing up to 80% of operating expenses from fixed charges (currently at 80%). Monthly charges for annual inspection and repair of backflow prevention devices and double check (DC) valves will also increase by 3%. The budget assumes continuation of recovery of pumping costs for Toyon Heights and the high zone in the DeLuz Service Area from those customers through a \$.33/kgal surcharge, which is analyzed each year to recover SDG&E electric costs. For FY 15-16 this cost increased by \$.02 to \$.33/kgal. In FY 13-14 the pumping charge was increased by an additional \$.10 to \$.41/1,000 gallons in order to generate \$66,000 per year for capital improvements to these two specific pump zones.

For FY 09-10 a new wastewater rate methodology was implemented with the goal of charging customers more equitably than a simple flat rate. For single family residences, the methodology began with finding each customer's lowest monthly water usage during the previous year's winter period of November through April. It is assumed that 90% of this lowest month winter water use is returned to the sewer system. For FY 15-16 a single family residence will have a fixed monthly wastewater bill based on 90% of the lowest month of winter water usage from November 2014 through March 2015. The District-wide median minimum monthly water usage during this period was 5 units, the same as FY 14-15. The median of 5 will result

in a bill of \$51.18 per month, an increase of \$2.69 over the bill for 5 units in FY 14-15.

The revenues for capital improvements are \$7,008,625 from interest, standby assessments, developer fees, rents and the Capital Improvement charges. Two additional sources of funds will be received in FY 15-16. Prop 50 revenue specifically used to offset some of the costs of the Santa Margarita River Conjunctive Use Project and Prop 84 revenue specifically used to extend recycled water pipelines. Total capital expenses of \$14,882,824 include the rehabilitation and inspection of District reservoirs as well as equipment replacement, pipeline projects, the Santa Margarita Project development and pump station improvements. Included in the \$14.8 million Capital outlay budget is \$5.6 million for the remaining year of the construction phase of the rehabilitation of the sewer treatment works and recycled system. The design phase of the project was completed in early FY 12-13. This expenditure is found in the Wastewater Capital Project Detail for the Treatment works and in the Recycled capital budget. Low interest State Revolving Fund monies have been approved by the State for a total of \$28 million at 2.2% interest for 20 years. The annual debt service payment will be \$1.7 million and will begin one year after construction is complete. Funding sources for this project will come primarily from wastewater 1% property tax revenue and the Wastewater Capital Improvement Charge of \$10.70 per Equivalent Dwelling Unit (EDU) as well as transfers from wastewater and recycled operations. Additionally, the capital budget includes Property Tax revenue of approximately \$1.3 million. Total property taxes for water and wastewater are budgeted at \$1.7 million with the remaining \$395,000 allocated to debt service.

The budget includes revenues for eight water connections and five sewer connections for FY 15-16.

The \$7.4M solar project at the wastewater treatment plant is complete and operational. Debt service payments are being made by using a California Energy Commission rebate of \$.32/kWh or \$752,819 per year for five years with FY 15-16 being the fifth year. The money saved by generating solar electricity will also be allocated to debt service in the amount of \$393,928 per year which will be escalated to match SDG&E's rate increases. The District received a federal subsidy on the debt service payments which result in a net interest rate of 1.85%; however, sequestration has reduced the amount of the subsidy by 7.2% of the total subsidy. For FY 15-16 this reduction amounts to \$15,000 which has been incorporated into the budget. Even with sequestration, the solar project shows a positive cash flow for the 16.5 year life of the financing.

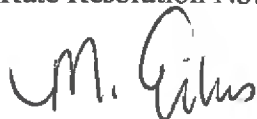
Debt service for FY 15-16 is \$1,102,459 and will be funded partially by the water and wastewater divisions 1% property tax revenue. The QECB loan for the solar project will be funded by the CSI rebate and the SDG&E offset.

The Debt Service Budget recognizes the separate obligations of the Fallbrook Service Area, the former DeLuz Heights MWD, and the former Fallbrook Sanitary District. The DeLuz Heights indebtedness was paid in full in FY 06-07.

The overall District is responsible for debt service on the State Loan (SRF) in the amount of \$395,893 is for the Red Mountain UV facility. The total principal owed on this debt is \$5,034,388 as of July 1, 2015. The District is also responsible for the Wastewater QECB debt in the net amount of \$706,566 and the Wastewater SRF loan for the rehabilitation of the Wastewater treatment plant. Total principal owed on this debt is \$4,961,700 as of July 1, 2015.

The fixed fee items such as meter installations and fire hydrants are analyzed no fewer than every five years to determine any need for changes in the fee schedule. An additional 2.5% Engineering News Record (ENR) Construction Cost Index for February was applied to fees for FY 15-16 per the District's Administrative Code. RP and check valve retrofits will no longer be performed by District personnel because these retrofits occur on the customer's side of the meter.

Staff recommends adoption of the accompanying Budget Resolution No. 4856 and also recommends adoption of the Water and Wastewater Rate Resolution No. 4857.



Marcie Eilers  
Administrative Services Manager/Treasurer



## Fallbrook Public Utility District

### 2015-16 Preliminary Budget

#### Executive Summary

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The total budget of \$43,799,581 for the fiscal year ending June 30, 2016 contains \$27,814,298 in Operating expenses, \$14,882,824 in Capital expenditures, and \$1,102,459 in Debt Service expenses. The operating department budgets for Water, Wastewater, Recycled Water, and Administration & Finance are prepared with job level detail and incorporate workload measurements as they relate to goals and objectives. Funding is provided for 67 staff positions, down one from FY 14-15.

#### **Fallbrook Public Utility District**

The North County Joint Powers Authority (JPA) which was formed in February 2013 between Fallbrook Public Utility District and Rainbow Municipal Water District was dissolved in April 2014 by a vote of the Rainbow MWD Board of Directors. No costs or savings associated with the JPA are incorporated into the FY 15-16 Final Budget.

During FY 13-14 the Board of Directors voted to pay off the District's Cal PERS side fund in the amount of \$3,154,895. Paying off the side fund resulted in a decrease of the Employer Contribution rate for FY 15-16 by 11.765%, or approximately \$585,800 per year. The Board voted to take the funds from District reserves and create a liability in each of the three operating funds; water, wastewater and recycled. The \$585,800 will be included in the budget as an expense over a 5.4 year payback period beginning with FY 14-15.

#### **Water**

##### Changes in methodology beginning FY 15-16

- Beginning July 1, 2015 the District is preparing for mandatory water cutbacks and allocations. San Diego County Water Authority (CWA) will determine its member agency cutbacks and allocations once its wholesaler Metropolitan Water District passes their own cutback levels. For the Final Budget, the District is making the following assumptions.
  - Cutbacks and allocations will be based on our FY 13-14 sales.
  - Agricultural customers will have a mandatory 15% cutback.

- Non-agricultural customers will have a 15% mandatory cutback.
- The District's Board of Directors conducted meetings in April and May 2015 to determine the impact to the ratepayers and potentially establish a Shortage Level higher than the current Level 2. Their decision was to remain at Level 2 with Level 2 rates being implemented. Details and pricing for the different Shortage Levels 1-4 are found in Article 26 of the Administrative Code, "Water Shortage Response Plan."
- CWA has released preliminary rates and charges for 2016 in May 2015 but will not approve these rates until June 2015. Rates as calculated for January 2016 through December 2016 are based on an estimated 6% increase in the commodity component of our wholesale cost of water. Increases to the fixed component of our wholesale cost of water were also provided by CWA as estimates in May. For the first time, CY 2016 rates as set by CWA will include a cost component for the Carlsbad desal project. In March 2015 CWA approved the extension of the Transitional SAWR (TSAWR) rate to 12/31/20.

Changes made in FY 14-15 include:

- Water rates were no longer "blended" into a fiscal year. Instead they were "unblended" in Calendar Year 2014 and will be subsequently updated on January 1 of each year to match the timing of rate changes by Metropolitan Water District (MWD) and San Diego County Water District (CWA). Only water rates will be affected, monthly operations charges and pass through charges will be unchanged and based on a Fiscal Year.
- At the current Shortage Level 2, the first 5 units of water will continue to be sold to all domestic M&I customers at Tier 1 regardless of monthly consumption. The Board increased Tier 1 water rate to 90% of Base (Tier 2). Prior to FY 14-15 Tier 1 was calculated at 85% of Base.

The budget for water sales from July through December includes no rate changes for SAWR and Commercial Ag customers, \$3.18 and \$4.28 respectively. M&I Base rate will remain constant from July to December at \$4.82. As the Water Shortage Response Plan is activated, the water Base rate will not change; the changes will affect the Base rate multiplier for higher usage in Tiers 3 and above. Statistical analysis shows that due to conservation efforts, only 8% of our Domestic customers purchase Tier 3 water.

The RTS charge and IAC are direct “pass throughs” from MWD and SDCWA. Additionally, SDCWA has increased the IAC and that increase has been passed on in the new rates. The District implemented a revenue policy of recovering 75%-80% of fixed operating costs through a monthly operations charge. The District budgets to collect 80% of fixed costs on the monthly operations charges for FY 15-16. The remaining 20% of fixed costs are added to the commodity rate which will increase January 1, 2016. Covering 80% of the District’s fixed costs through the monthly operations charges provides a smooth revenue stream in the face of water sales uncertainty. Fixed monthly operating charges are proposed to increase by 3% for agricultural customers and M&I customers.

The District is budgeting to receive 100% of expected property tax revenue, although the legislature did shift the revenues away from Special Districts such as Fallbrook PUD during FY 09-10. The current budget allocates 100% of property tax revenues to cover water and wastewater capital improvements and debt service. Should the legislature again attempt to shift property taxes away from FPUD, a budget amendment will be brought to the Board.

### Wastewater

For FY 09-10 a new wastewater rate methodology was implemented with the goal of charging customers more equitably than a simple flat rate. For single family residences, the methodology began with finding each customer’s lowest monthly water usage during the previous year’s winter period of November through April. It is assumed that 90% of this lowest month winter water use is returned to the sewer system. For FY 15-16 a single family residence will have a fixed monthly wastewater bill based on 90% of the lowest month of winter water usage from November 2014 through March 2015. The District-wide median minimum monthly water usage during this period remained at 5 units, the same as during FY 14-15. The median of 5 will result in a bill of \$51.18 per month, an increase of \$2.69 or 5.6% over the bill for 5 units during FY 14-15. If the customer reduces their winter usage compared to the previous year the sewer bill decreases in accordance with conservation. This structure is meant to encourage our single family customers to reduce their winter consumption since that would directly reduce their following year’s sewer charge. A cap of 18 units of water usage will continue to apply to recognize that with larger lot sizes water use above 18 units is being used for outdoor irrigation and less water being returned to the sewer. Additionally, volume and strength of sewage was integrated into the model in order to calculate a commodity charge. Commodity charges will increase over FY 14-15 with low strength proposed to increase



\$.57 per unit to \$8.21 per unit from \$7.64 per unit. An increase to the fixed charge of \$.13 is proposed, to \$14.23 for a ¾" meter. This was calculated recognizing that fixed costs to collect, treat and dispose of wastewater exists regardless of the volume treated. It is anticipated that due to the water restrictions for FY 15-16, that influent flows to the treatment plant will also be reduced. All other customers (primarily commercial) will be charged a fluctuating amount based upon the water sold to that customer each month. Different Return to Sewer (RTS) percentages have been set up to accommodate appeals made by those who do not typically return 90% of water sold to the sewer system (i.e. those who irrigate outdoors or who use water in a business process, such as in a beverage bottling plant). Additionally, commercial customers have been classified as low, medium or high strength based upon industry standards and SIC codes. Low strength is equivalent to the strength of wastewater discharged by a single family residence. High strength is reserved for stand alone restaurants. Strip malls which have food services are considered medium strength as the blending of high and low strength wastewater occurs. As the strength increases, so does the cost to treat the sewage. The commodity rate based on strength is proposed to increase by \$.57 to \$8.21 per unit returned to the sewer for low strength, a proposed increase of \$.81 to \$12.35 per unit for medium strength and by \$1.28 to \$20.63 for high strength.

### Capital Projects

The total capital budget is \$14.6 million, \$6.1 million of which is allocated to water department projects, primarily pipeline projects, pump stations and the Santa Margarita Conjunctive Use project. The Capital Improvement charge which began in FY 07-08 will be continued and is proposed to increase an additional \$.47 to generate an additional \$56k to be allocated to pipeline replacement, bringing the annual expenditure to \$1.4 million. The additional charge brings the current replacement cycle of pipeline to 142 years. This charge will be increased annually to 2033 by a factor of Engineering News Report Construction Cost Index plus 3% to bring the replacement cycle down to 84 years.

The wastewater and recycled capital budgets of \$8.2 million consist of a major two year rehabilitation to the Wastewater Treatment Plant and its recycled system. Because the treatment plant must remain operable, the construction is being done in phases. Construction will be complete in December 2015. The overall cost of this project is \$28 million. Low interest rate monies have been approved through the State Revolving Fund (SRF) with the debt service on this project being approximately \$1.7 million per year. With property taxes covering

half of the debt service requirement, a Capital Improvement Charge was implemented in FY 12-13 for the remaining debt requirement. For FY 15-16 the charge is proposed to increase by \$.26 to \$10.70 per Equivalent Dwelling Unit (EDU); this charge will generate \$1.075 million for the debt service obligation and collection systems improvements.

In addition to the new Wastewater Treatment Plant SRF loan obligation, the FY 15-16 debt service obligation of \$2,870,331 includes principal and interest payments for existing debt, specifically the Red Mountain SRF and also the QECB loan which funded the treatment plant solar project.

#### GLOSSARY OF TERMS

MWD	Metropolitan Water District
SDCWA	San Diego County Water Authority
SAWR	Special Agricultural Water Rate
M&I	Municipal & Industrial
RTS	Return to Sewer
IAC	Infrastructure Access Charge
ENR	Engineering News Report
EMU	Equivalent Meter Unit
QECB	Qualified Energy Conservation Bond
CSI	California Solar Initiative
SRF	State Revolving Fund
CUP	Conjunctive Use Project
JPA	Joint Powers Authority

Failbrook Public Utility District Budget Requirements FY15-16	OPERATIONS			CAPITAL		2011 Rec Mtn SRF	SRF Reclaimed Loan	2011 Solar QEGB	SRF WWTP Loan
	Water Fund	Wastewater Fund	Recycled Water Fund	Construction Water & Admin	Construction Wastewater Recycled				
<b>Total</b>	<b>15,828,084</b>	<b>918,707</b>	<b>542,763</b>						
Cost of Water Treatment	16,368,817	918,707	542,763						
Collection	1,032,724	1,032,724							
Disposal	944,576	944,576							
Customer Service & Billing	1,392,385								
Distribution	1,766,936	0	73,198						
Administrative & General	4,613,377	1,937,618	276,803						
Debt Service	776,778	882,528	94,248						
Water Supply Facilities	80,000			80,000					
Meters & Services	504,334			504,334					
Santa Margarita Project	1,622,140			1,622,140					
Computer/Telemetry Upgrades	401,500			401,500					
District Financed Pipelines	3,183,602			1,458,602	1,725,000				
Developer Financed Pipelines	70,000			20,000	50,000				
Collection System Improvements	881,385			38,000	881,385				
Treatment Works Improvements	5,658,000			100,000	3,318,000				
DLSA Capital Improvements	100,000			100,000					
Reservoir & Pump Station Improvements	1,446,653			1,446,653					
Yard Improvements/Vulnerability Assessment	334,000			334,000					
Equipment Replacement	801,000			801,000					
Solar Project/WWTP Rehab	0			601,000					
Debt Repayment, Principal & Interest	1,495,310								
<b>Appropriated Balances</b>	<b>16,073,867</b>	<b>3,950,385</b>	<b>223,189</b>	<b>7,220,329</b>	<b>1,686,248</b>	<b>395,898</b>	<b>0</b>	<b>708,586</b>	<b>392,848</b>
<b>Total Budget Requirements</b>	<b>60,266,289</b>	<b>25,261,528</b>	<b>1,210,191</b>	<b>13,826,758</b>	<b>5,933,643</b>	<b>791,792</b>	<b>0</b>	<b>1,413,132</b>	<b>785,898</b>
<b>Means of Financing</b>									
Fund Balances	19,700,480								
Monthly Service Charges	10,671,318	2,021,155	300,786	10,541,826	860,631	395,899	0	266,385	402,848
Water Sales	15,968,006	4,981,819	54,867	15,022,220					
Sundry	372,100	1,100	5,000	86,000					
MWD RTS	449,848								
CWA IAC	387,090								
Interest	190,000								
Private Developer Construction	70,000								
New Connection Fees	81,457								
Water Availability Charges	203,000								
Interfund Transfer	0	(25,000)	(84,248)						
Facility Rents	180,000								
Capital Improvement Charge	2,220,000								
CSI Rebate/SDG&E Offset	752,819								
Prop 50 & 84 Revenue	1,700,000								
SRF Financing	5,620,000								
<b>Total Financing Other than Current Property Taxes</b>	<b>58,583,919</b>	<b>25,261,528</b>	<b>1,210,191</b>	<b>13,327,091</b>	<b>5,126,823</b>	<b>395,899</b>	<b>0</b>	<b>1,413,132</b>	<b>785,898</b>
<b>Amount to be Raised by Property Taxes</b>	<b>1,702,380</b>	<b>0</b>	<b>0</b>	<b>499,687</b>	<b>806,820</b>	<b>395,893</b>	<b>0</b>	<b>0</b>	<b>0</b>

# FALLBROOK PUBLIC UTILITY DISTRICT

## MISSION STATEMENT

*To continue to provide for the community of Fallbrook now and in the future:*

- A) the reliable supply and delivery of high quality retail potable water service, and*
- B) the collection and disposal of wastewater and solids consistent with the optimal use of recycled water*

*in the most efficient and economical means possible while respecting the importance of making customer satisfaction the top priority of operations. .*

## LONG RANGE STRATEGIC OBJECTIVES

- (1) Continue efforts to develop a local source of water supply on the Santa Margarita River in concert with the U.S. Marine Corps, the Bureau of Reclamation, the U.S. Environmental Protection Agency, the U.S. District court appointed Watermaster, the Rancho California Water District, Eastern Municipal Water District, Metropolitan Water District, and Pechanga Indian Tribe. Monitor upper basin plans for wastewater discharge and groundwater management to protect District's water rights, ensure basin water quality objectives are met, and concepts of the 4-party and 2-party agreements are pursued.
- (2) Maintain a trained, qualified staff equipped with the necessary tools and equipment to meet standards established by the State Department of Health Services, the Regional Water Quality Control Board, the Occupational Safety and Health Administration, and the American Water Works Association.
- (3) Be prepared to deal with water allocations during shortages of imported water supplies and minimize impacts to District customers.

# SPECIFIC GOALS & OBJECTIVES FOR ADMINISTRATION AND FINANCE DEPARTMENT

Goals Accomplished During 2014-15	New Goals for 2015-16
<b>ADMIN AND CUSTOMER SERVICE</b>	
<ul style="list-style-type: none"> <li>• Provide accounting records for consolidation with Rainbow as required by LAFCO</li> <li>• Practice front office security</li> <li>• Cross train in Accounting/AP/Payroll</li> <li>• Build teamwork with RMWD Customer Service reps should consolidation occur</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to support the LAFCO process by providing information they request.</li> <li>• Practice front office security</li> <li>• Cross train all Customer Service Reps.</li> <li>• Continue the accounting and utility billing conversion to Springbrook.</li> </ul>
<b>HUMAN RESOURCES</b>	
<p>Investigate resources for training in anticipation of annexation of RMWD into FPUD.</p> <p>Contract for salary/benefit survey due to new MOU beginning 7/1/15 and annexation of RMWD into FPUD. Coordinate meet and confer process. Coordinate employee issues, grievances and discipline.</p> <p>Coordinate reorganizations and recruitments due to resignations, retirements and consolidation issues. Continue to participate in SDCWA internship program.</p> <p>Continue to encourage other Recognition Program Committee members to offer ideas that increase employee satisfaction in order to benefit the majority of the employees. Reinforce culture of accountability and being</p>	<p>Investigate resources for training in anticipation of reorganization of RMWD into FPUD.</p> <p>Provide analysis for placement of employees due to reorganization with RMWD. Coordinate meet and confer process for "reopeners" in the MOUs. Coordinate employee issues, grievances and discipline.</p> <p>Coordinate employee placements and recruitments due to resignations, retirements and reorganization issues. Continue to participate in SDCWA internship program.</p> <p>Continue to encourage other Recognition Program Committee members to offer ideas that increase employee satisfaction in order to benefit the majority of the employees. Reinforce culture of accountability and being</p>

# SPECIFIC GOALS & OBJECTIVES FOR ADMINISTRATION AND FINANCE DEPARTMENT

Goals Accomplished During 2014-15	New Goals for 2015-16
<b>HUMAN RESOURCES</b>	
<p>solution oriented with committee members. Include former RMWD employees on the Committee. Encourage open door policy for any issues regarding the reorganization. Promote a cohesive work group between FPUD and former RMWD employees.</p> <p>Follow Health Care Reform issues and coordinate health plan revisions with ACWA/JPIA Benefits. Remain customer service based for employees seeking assistance with benefits. Continue in-house administration of flexible spending accounts and health reimbursement accounts (retiree medical). If RMWD is annexed into FPUD, coordinate benefit realignment. Compose and distribute annual benefit letters to all employees so they know the cost of their "hidden paycheck."</p> <p>Publish monthly newsletter "What's On Tap". Send District-wide emails regarding benefits and open enrollments. Use health fair to educate employees on their benefits.</p>	<p>solution oriented with committee members. Include former RMWD employees on the Committee. Encourage open door policy for any issues regarding the reorganization. Promote a cohesive work group between FPUD and former RMWD employees.</p> <p>Follow Health Care Reform issues and coordinate health plan revisions with ACWA/JPIA Benefits. Remain customer service based for employees seeking assistance with benefits. Continue in-house administration of flexible spending accounts and health reimbursement accounts (retiree medical). If RMWD is annexed into FPUD, coordinate benefit realignment. Compose and distribute annual benefit letters to all employees so they know the cost of their "hidden paycheck." Provide ACA required employee benefit coverage for CY 2015 in 2016.</p> <p>Publish monthly newsletter "What's On Tap". Send District-wide emails regarding benefits and open enrollments. Use health fair to educate employees on their benefits. Recruit a former RMWD employee as co-editor to increase coverage of reorganized FPUD employees.</p>

# SPECIFIC GOALS & OBJECTIVES FOR ADMINISTRATION AND FINANCE DEPARTMENT

<i>Goals Accomplished During 2014-15</i>	<i>New Goals for 2015-16</i>
<b>RISK MANAGEMENT</b>	
<p>Update security/cyberkey system.</p> <p>Conduct First Aid/CPR/AED training for employees on a cyclical basis.</p> <p>Conduct required annual refresher safety training (in-house) for:</p> <ul style="list-style-type: none"> <li>• Hazardous Communication</li> <li>• Hazardous Material</li> <li>• Hearing Conservation</li> <li>• Respiratory Protection</li> </ul> <p>Track and monitor workers' compensation claims to identify trends.</p> <p>Coordinate and arrange employees' Health Fair.</p> <p>Coordinate awards for annual Safety Luncheon</p>	<p>. Update security/cyberkey system.</p> <p>Conduct First Aid/CPR/AED training for employees on a cyclical basis.</p> <p>Conduct required annual refresher safety training (in-house) for:</p> <ul style="list-style-type: none"> <li>• Hazardous Communication</li> <li>• Hazardous Material Spill Response</li> <li>• Hearing Conservation</li> <li>• Respiratory Protection</li> <li>• Update/Review IIPP Programs</li> <li>• Update/Review DOT /EPN files</li> <li>• Asbestos</li> <li>• Confined Space Rescue</li> </ul> <p>Track and monitor workers' compensation claims to identify trends.</p> <p>Coordinate DOT/Respirator annual physicals</p> <p>Coordinate/monitor the drug testing process</p> <p>Coordinate and arrange employees' Health Fair.</p> <p>Maintenance Database on NSC DOT files</p> <p>Coordinate awards for annual Safety Luncheon</p>

## SPECIFIC GOALS & OBJECTIVES FOR COMMUNITY RELATIONS

### Goals Accomplished During 2014-15

### New Goals for 2015-16

COMUNITY RELATIONS	COMUNITY RELATIONS
<p>Kept customers informed of the FPU D news with regard to potential merge with Rainbow Water District, water supply, PR campaigns and any other important news. Customers were informed through messages on their bills, a card-stock insert they can keep and post, inserted in their bills, newsletters as appropriate, and our website.</p> <p>Continued monthly ad/mini-newsletter in the Village News.</p> <p>Continued classroom presentations and PR campaign of the water poster/calendar contest associated with the presentations.</p> <p>Continued to keep the public informed of developments with the conjunctive use project as they occur. Customers were informed through articles in newsletters, the Village News ad/mini-newsletter, at public events, media releases, updates on our website, and through external meetings.</p> <p>Continued community outreach by joining community groups and organizations.</p> <p>Kept Call-Em-All system of "reverse 911" notification current, in the event of emergency notification for any shutdown, drought or ag-related issues.</p> <p>Improve concept and design of the website. This objective is still on hold pending the JPA and potential merger.</p> <p>Completed Consumer Confidence Report, our annual water quality report.</p>	<p>Keep customers informed of the FPU D news with regard to potential merge with Rainbow Water District, water supply, PR campaigns and any other important news. Customers will be informed through messages on their bills, a card-stock insert they can keep and post, inserted in their bills, newsletters as appropriate, and our website.</p> <p>Continue monthly ad/mini-newsletter in the Village News.</p> <p>Continue classroom presentations and PR campaign of the water poster/calendar contest associated with the presentations. Include/integrate Rainbow schools in this campaign, if appropriate with regard to the merger.</p> <p>Continue to keep the public informed of developments with the conjunctive use project as they occur. Customers will be informed through articles in newsletters, the Village News ad/mini-newsletter, at public events, media releases, updates on our website, and through external meetings.</p> <p>Continue expansion of community outreach by joining community groups and organizations.</p> <p>Organize and conduct tours of our sewer treatment plant with classrooms.</p> <p>Keep Call-Em-All system of "reverse 911" notification current, in the event of emergency notification for any shutdown, drought or ag-related issues.</p> <p>As appropriate, continue to create awareness of problems</p>



## SPECIFIC GOALS & OBJECTIVES FOR COMMUNITY RELATIONS

<i>Goals Accomplished During 2014-15</i>	<i>New Goals for 2015-16</i>
<p style="text-align: center;"><b>COMMUNITY RELATIONS</b></p> <p>Continued to reach customers through the newspapers with regular news releases, through regular contact with news reporters, and continued relationship with Village News to contribute news articles.</p> <p>Continued school education activities, including the Green Machine and the Splash Science van.</p> <p>Continued to include Rainbow schools to education/PR campaigns, as appropriate with regard to the JPA/merger.</p> <p>Continue presence in the community by staffing booths at the Avocado Festival, Scarecrow Festival, Healthcare Faire and Arts in the Park events, and a new event: Fallbrook Hot Summer Nights.</p> <p>Wrote numerous articles on the LAFCO process and potential JPA/merger.</p> <p>Held public workshops on recycled water developments, Conjunctive Use developments, and drought/SAWR developments.</p> <p>Spoke at numerous meetings.</p>	<p>with grease-related sewer spills as part of the public relations campaign component of the FOG program. Awareness will be continued through classroom watershed/grease can presentations and the in-class grease can art project, in addition to the annual grease can art contest open to all second- through fifth-graders in Fallbrook. Attention will also be achieved through media releases, a display of winning grease cans at the Fallbrook library and year-round in the FPUD lobby, the website and in the Village News ad/mini-newsletter.</p> <p>Improve concept and design of the website. This objective is still on hold pending the potential merger.</p> <p>Complete Consumer Confidence Report, our annual water quality report.</p> <p>Continue to reach customers through the newspapers with regular news releases, through regular contact with news reporters, and continued relationship with Village News to contribute news articles.</p> <p>Continue school education activities, including the Green Machine and the Splash Science van.</p> <p>Continue to include Rainbow schools to education/PR campaigns, as appropriate with regard to the merger.</p> <p>Continue presence in the community by staffing booths at the Avocado Festival, Scarecrow Festival, Healthcare Faire and Arts in the Park events.</p>

# SPECIFIC GOALS & OBJECTIVES FOR ENGINEERING AND OPERATIONS

## Goals Accomplished During 2014-15

## New Goals for 2015-16

<b>RELATIONS WITH ADJACENT DISTRICTS</b>	
<p>Continue to work with Eastern MWD, Rancho California WD, Camp Pendleton, SDCWA, and the Bureau of Reclamation concerning Santa Margarita River Basin management, and ensure that water resources from the Santa Margarita River are made available and are compatible with the District's objectives.</p> <p>Work with Rancho WD, Camp Pendleton and Oceanside to maximize utilization of infrastructure, recycled water resources and outfall capacity.</p> <p>Participate in the Executive Management Team of the US BUREC, Camp Pendleton, and district to build, operate and maintain the Santa Margarita water resources permitting and development. Develop final agreement for water deliveries for the Santa Margarita Conjointive Use Project. Address Public Comments of the released Draft EIR/EIS and complete the project permitting requirements.</p> <p>Continue to provide input and financial support for the Watermaster in cooperation with Camp Pendleton, Eastern MWD, USGS and Rancho California WD.</p>	<p>Continue to work with Eastern MWD, Rancho California WD, and Camp Pendleton, concerning Santa Margarita River Basin management, and ensure that water resources from the Santa Margarita River are made available and are compatible with the District's objectives.</p> <p>Work with Rancho WD, Camp Pendleton and Oceanside to maximize utilization of infrastructure, recycled water resources and outfall capacity and finalize Memorandum of Understanding between the parties.</p> <p>Work with Camp Pendleton to build, operate and maintain the Santa Margarita Conjointive Use Project. Develop final agreement for water deliveries for the Santa Margarita Conjointive Use Project. Certify the final Environmental Impact Report.</p> <p>Continue to provide input and financial support for the Watermaster in cooperation with Camp Pendleton, Eastern MWD, USGS and Rancho California WD.</p>

## **ENGINEERING**

<p>Continue to provide all basic engineering services and convert the combined water and sewer base maps to the CAD and GIS database. Assist with implementation of a Computerized maintenance Management System (CMMS).</p> <p>Continue to provide cost effective, reliable engineering support services for design, construction, operation, and</p>	<p>Continue to provide all basic engineering services and convert the combined water and sewer base maps to the CAD and GIS database. Complete implementation of preventative maintenance for the Water Reclamation Plant equipment and as part of the overall Computerized Maintenance Management System (CMMS) implementation.</p>
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# SPECIFIC GOALS & OBJECTIVES FOR ENGINEERING AND OPERATIONS

## Goals Accomplished During 2014-15

## New Goals for 2015-16

<b>ENGINEERING</b>	
<p>maintenance of all District water, wastewater, recycled water, and site facilities.</p> <p>Continue to oversee construction of WWTP improvements to ensure long-term reliable operation and production of recycled water.</p> <p>Implement water and sewer pipeline replacements in accordance with the District's asset management program to ensure the long term reliability of district facilities.</p> <p>Accelerate rehabilitation of reservoirs, pressure stations, and pump stations to ensure long-term reliability of key District Assets.</p> <p>Complete Master Plan for Deluz Service Area.</p>	<p>Continue to provide cost effective, reliable engineering support services for design, construction, operation, and maintenance of all District water, wastewater, recycled water, and site facilities.</p> <p>Complete construction of WWTP improvements to ensure long-term reliable operation and production of recycled water.</p> <p>Implement water and sewer pipeline replacements in accordance with the District's asset management program to ensure the long term reliability of district facilities.</p> <p>Accelerate rehabilitation of reservoirs, pressure stations, and pump stations to ensure long-term reliability of key District Assets.</p>

### WATER DEPARTMENT – METER TESTING AND EXCHANGE

<p>Large Meter Testing and Exchange: Continue testing and repairing meters, starting with the highest users.</p>	<p>Large Meter Testing and Exchange: Continue testing and repairing meters, starting with the highest users.</p>
<p></p>	<p>Begin implementation of Advanced Metering Infrastructure (AMI) through replacement of existing meters that need replacement.</p>

### WATER DEPARTMENT – WATER QUALITY REQUIREMENTS

<p>Operate Red Mountain treatment facility to ensure compliance with drinking water standards.</p>	<p>Operate Red Mountain treatment facility to ensure compliance with drinking water standards and develop performance metrics and monthly performance reports.</p>
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# SPECIFIC GOALS & OBJECTIVES FOR ENGINEERING AND OPERATIONS

## Goals Accomplished During 2014-15

## New Goals for 2015-16

<b>WATER DEPARTMENT – VALVE OPERATION AND MAINTENANCE</b>	
Operate and exercise all valves on a three-year cycle as resources are available. Provide maintenance, repair or replacement of inoperable valves as the need emerges.	Operate and exercise all valves on a three-year cycle as resources are available.  Focus on expediting, repair or replacement of inoperable valves.

<b>WATER DEPARTMENT – BACKFLOW PREVENTION</b>	
Continue a backflow device test program with the ability to maintain, install, repair and replace all applicable backflow devices in the District and necessary retrofits in compliance with revised State Health requirements to protect the potable system.  Provide customer support to water operations by responding to customer water quality complaints.	. Continue a backflow device test program with the ability to maintain, install, repair and replace all applicable backflow devices in the District and necessary retrofits in compliance with revised State Health requirements to protect the potable system.  Provide customer support to water operations by responding to customer water quality complaints.

<b>WATER DEPARTMENT – COMBINED OPERATIONS CONSTRUCTION CAPABILITY</b>	
Maintain one efficient, well-equipped construction crew for pipeline installations; provide in-house cross training, along with outside training, to improve construction efficiency in all crews.  Maintain pipeline construction capabilities.  Continue the R-O-W maintenance program throughout the district.  Maintain pipeline and service leak repair capabilities on a 24-hour per day basis.  Maintain seasonal weed abate throughout the district	Maintain one efficient, well-equipped construction crew for pipeline and valve installations; provide in-house cross training, along with outside training, to improve construction efficiency in all crews.  Maintain pipeline construction capabilities.  Continue the R-O-W maintenance program throughout the district.  Maintain pipeline and service leak repair capabilities on a 24-hour per day basis.  Maintain seasonal weed abate throughout the district facilities.

# SPECIFIC GOALS & OBJECTIVES FOR ENGINEERING AND OPERATIONS

## Goals Accomplished During 2014-15

## New Goals for 2015-16

<p>facilities.</p> <p>Maintain high quality and reliable customer support.</p>	<p>Maintain high quality and reliable customer support.</p>
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### WATER DEPARTMENT – WAREHOUSE SUPPORT

<p>Maintain a centralized plant, purchasing and warehousing function for all operational and District activities.</p> <p>Maintain a fleet maintenance and repair facility sufficient to ensure support for all District activities and regulatory compliance.</p>	<p>Maintain a centralized plant, purchasing and warehousing function for all operational and District activities.</p> <p>Maintain a fleet maintenance and repair facility sufficient to ensure support for all District activities and regulatory compliance.</p>
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### WASTEWATER DEPARTMENT – COLLECTIONS

<p>Continue to aggressively reduce sewer spills and reduce the impacts on the community. Meet State Waste Discharge Requirements.</p> <p>Continue the FOG program for Food Service Establishments.</p> <p>Maintain the enhanced cyclical cleaning and flushing program, in compliance with SSMP, along with CCTV documentation.</p> <p>Provide 24-hour per day, 7 days per week sewer overflow response.</p> <p>Maintain the ability to construct, repair, and modify the district's sewer system, as necessary.</p> <p>Continue the CCTV program of the collection system to identify existing deficiencies and document new</p>	<p>Continue to aggressively reduce sewer spills and reduce the impacts on the community. Meet State Waste Discharge Requirements.</p> <p>Continue the FOG program for Food Service Establishments.</p> <p>Maintain the enhanced cyclical cleaning and flushing program, in compliance with SSMP, along with CCTV documentation.</p> <p>Provide 24-hour per day, 7 days per week sewer overflow response.</p> <p>Maintain the ability to construct, repair, and modify the district's sewer system, as necessary.</p> <p>Continue the CCTV program of the collection system to identify existing deficiencies and document new</p>
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# SPECIFIC GOALS & OBJECTIVES FOR ENGINEERING AND OPERATIONS

<b>Goals Accomplished During 2014-15</b>	<b>New Goals for 2015-16</b>
<p>construction.</p> <p>Begin planning for replacement of sewer lines with deficient capacity.</p>	<p>construction.</p> <p>Continue replacement of sewer lines with deficient capacity and complete replacement of sections of force main that have experienced excessive breaks.</p>
<b>WASTEWATER DEPARTMENT – TREATMENT</b>	
<p>Market produced biosolids.</p> <p>Continue all required plant maintenance, operation, and rehabilitation to maintain recycled production during construction of improvements. Begin to operate using new system brought on-line and begin to optimize system operations.</p> <p>Continue the commitment to full Title 22 treatment and compliance with all discharge requirements.</p>	<p>Market produced biosolids.</p> <p>Operate to optimize system operations with new equipment and systems. Develop performance metrics and monthly performance reports.</p> <p>Continue the commitment to full Title 22 treatment and compliance with all discharge requirements.</p>
<b>WASTEWATER DEPARTMENT – OUTFALL</b>	
<p>Continue the ability to provide for repair and preventative maintenance for the Oceanside outfall line on a regular basis.</p> <p>Complete remote inspection of the outfall line to ensure long-term integrity and repair needs.</p>	<p>Continue the ability to provide for repair and preventative maintenance for the Oceanside outfall line on a regular basis.</p> <p>Complete remote inspection of the outfall line to ensure long-term integrity and repair needs.</p>
<b>RECYCLED WATER DEPARTMENT</b>	
<p>Continue efforts to optimize the use of recycled water, improve customer relations, and actively seek new users.</p>	<p>Continue efforts to optimize the use of recycled water, improve customer relations, and actively seek new users.</p>

# SPECIFIC GOALS & OBJECTIVES FOR ENGINEERING AND OPERATIONS

## Goals Accomplished During 2014-15

## New Goals for 2015-16

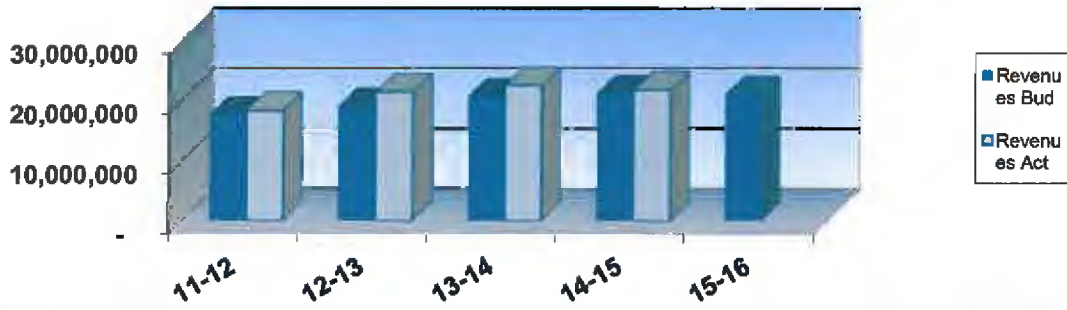
RECYCLED WATER DEPARTMENT	
<p>Maintain pipeline, engineering, construction and repair capabilities.</p> <p>Maintain pipeline leak repair capabilities on a 24-hour per day basis.</p> <p>Maintain high quality and reliability for all customers.</p> <p>Initiate construction efforts to improve treatment reliability.</p> <p>Operate and exercise all valves on year three cycles, due this year.</p> <p>Provide maintenance, repair, or replacement of inoperable valves as the need emerges.</p> <p>Pursue opportunities to increase sales.</p> <p>Expand Recycled Waterline to Serve three nurseries to expand sales.</p>	<p>Maintain pipeline, engineering, construction and repair capabilities.</p> <p>Maintain pipeline leak repair capabilities on a 24-hour per day basis.</p> <p>Maintain high quality and reliability for all customers.</p> <p>Initiate construction efforts to improve treatment reliability.</p> <p>Operate and exercise all valves on year three cycles, due this year.</p> <p>Provide maintenance, repair, or replacement of inoperable valves as the need emerges.</p> <p>Pursue opportunities to increase sales.</p> <p>Expand Recycled Waterline to Serve six nurseries to expand sales.</p>

**OPERATING BUDGET SUMMARY**  
**Budget Year 2015-16**

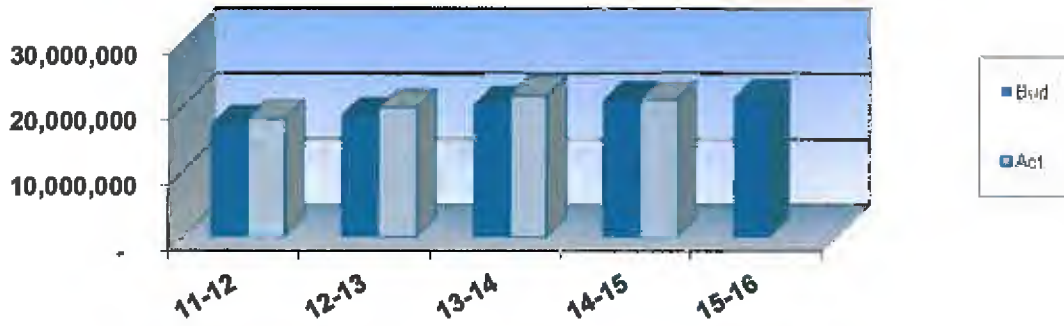
	Water Dept	Wastewater Dept	Recycled Dept	Total
<b>Revenues</b>				
Water Sales	15,022,220		808,786	15,831,006
Service Charges	4,981,619	5,634,832	54,867	10,671,318
MWD RTS Charge	449,649			449,649
SDCWA IAC Charge	387,090			387,090
MWD/CWA Incentives			135,000	135,000
Sundry	300,000	1,100	5,000	306,100
<b>Total Revenues</b>	<b>21,140,578</b>	<b>5,635,932</b>	<b>1,003,653</b>	<b>27,780,163</b>
<b>Expenses</b>				
Production	15,826,064		542,753	16,368,817
Customer Service	1,392,385			1,392,385
Treatment		918,707		918,707
Distribution	1,693,738		73,198	1,766,937
Collection		1,032,724		1,032,724
Allocated Admin Expenses	2,398,956	1,937,618	276,803	4,613,377
Disposal		944,576		944,576
Debt Service Transfer		682,528	94,248	776,776
<b>Total Expenses</b>	<b>21,311,144</b>	<b>5,516,153</b>	<b>987,002</b>	<b>27,814,298</b>
<b>Net Revenue/(Expense)</b>	<b>(170,566)</b>	<b>119,779</b>	<b>16,651</b>	<b>(34,135)</b>
<b>Transfer to Recycled</b>				
Beginning Fund Balance	4,672,373	920,226	232,626	5,825,225
Ending Fund Balance	4,501,808	1,040,005	249,277	5,791,089
<b>EQUITY REQUIREMENTS</b>				
Water Reserve	1,487,748	-		1,487,748
Working Capital	1,538,135	1,208,406	223,189	2,969,730
Repair	750,000	250,000		1,000,000
Rate Stabilization	174,502			174,502
<b>Total Minimum Equity</b>	<b>3,950,385</b>	<b>1,458,406</b>	<b>223,189</b>	<b>5,631,980</b>
<b>Unappropriated Funds</b>	<b>551,422</b>	<b>(418,401)</b>	<b>26,089</b>	<b>159,110</b>



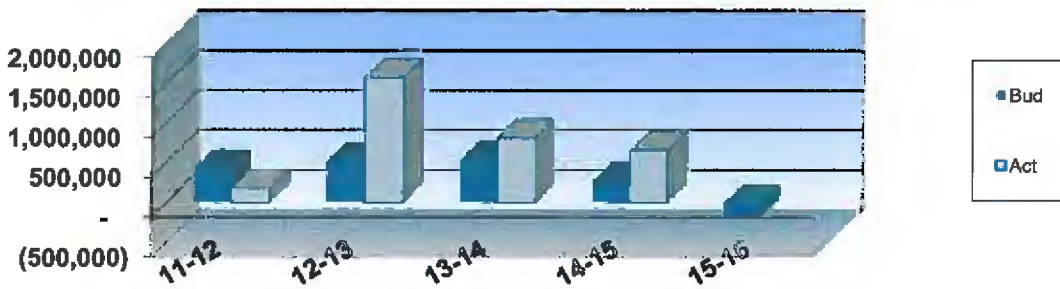
### Water Department Revenues



### Water Department Expenses



### Water Depart Net Revenues



## WATER DEPARTMENT

### Budget Summary

#### Department Mission

Provide a safe, reliable potable water supply to all customers throughout the District service area.

### WATER DEPARTMENT

	2014-15 Budget	2014-15 Est. Actual	2015-16 Budget
<b>Revenues</b>			
Water Sales	15,298,803	15,542,067	15,022,220
Service Charges	4,899,860	4,931,383	4,981,619
MWD RTS Charge	478,718	536,287	449,649
SDCWA IAC Charge	380,706	381,275	387,090
Sundry	200,000	254,123	300,000 *
<b>Total Revenues</b>	<b>21,258,087</b>	<b>21,645,135</b>	<b>21,140,578</b>
<b>Expenses</b>			
Production	15,594,824	15,957,708	15,826,064
Customer Service	1,469,063	1,449,532	1,392,385
Distribution	1,623,937	1,409,696	1,693,738
Allocated Admin Expenses	2,299,986	2,181,649	2,398,956
Debt Service Transfer	-	-	-
<b>Total Expenses</b>	<b>20,987,810</b>	<b>20,998,587</b>	<b>21,311,144</b>
<b>Net Revenue/(Expense)</b>	<b>270,277</b>	<b>646,548</b>	<b>(170,566)</b>
<b>Transfer to Recycled</b>			
Beginning Fund Balance	5,656,709	4,025,825	4,672,373
Ending Fund Balance	5,926,986	4,672,373	4,501,808
<b>EQUITY REQUIREMENTS</b>			
Water Reserve	1,384,320	1,384,320	1,487,748
Repair	750,000	750,000	750,000
Working Capital	1,637,879	1,637,879	1,538,135
Rate Stabilization	370,951	370,951	174,502
<b>Total Equity Required</b>	<b>4,143,150</b>	<b>4,143,150</b>	<b>3,950,385</b>
Unappropriated Funds	1,783,836	529,223	551,422

\*Estimated based on historical trends

**WATER DIVISION  
Revenue Program**

**Program Purpose & Scope**

Develop sufficient revenue to pay for the operation and maintenance costs of the Department in a manner that ensures equity among all classes of service.

<b>Water Revenues</b>	2014-15 Budget	2014-15 Projected	2015-16 Budget
Water Sales	15,298,803	15,542,067	15,022,220
Service Charges	4,899,860	4,931,383	4,981,619
MWD RTS Charge	478,718	536,287	449,649
SDCWA IAC Charges	380,706	381,275	387,090
Sundry	200,000	254,123	300,000
<b>Total Revenues</b>	<b>21,258,087</b>	<b>21,645,135</b>	<b>21,140,578</b>

**Water Revenue Summary July-Dec '15**

Water Sales	Volume (AF)	Price/kgal	Price/AF	Revenue
Tier 1	697	4.38	1,427.13	994,710
Tier 2	2,632	4.82	1,570.50	4,133,556
Tier 3	542	5.31	1,730.15	937,741
Ag-SAWR	2,263	3.18	1,036.14	2,344,785
Commercial Ag/AgD	522	4.28	1,394.55	727,955
Pumping Charge	1,145	0.33	107.52	123,110
<b>Total July -Dec 2015</b>	<b>6,656</b>			<b>9,138,747</b>

**Water Revenue Summary Jan-June '16**

Water Sales	Volume (AF)	Price/kgal	Price/AF	Revenue
Tier 1	423	4.66	1,518.36	642,266
Tier 2	1,600	5.13	1,671.50	2,674,400
Tier 3	329	5.65	1,840.93	605,666
Ag-SAWR	1,375	3.28	1,068.72	1,469,490
Commercial Ag/AgD	317	4.76	1,550.95	491,651
Pumping Charge	696	0.33	107.52	74,834
<b>Total Jan-July 2016</b>	<b>4,044</b>			<b>5,883,473</b>
<b>Total for FY 15-16</b>	<b>10,700</b>			<b>15,022,220</b>

**Service Charges**

M&I Service Charge	3,911,760
Agriculture Service Charge	600,456
Fire Service, Backflow, Unit Charges	469,403
<b>Total Service Charges</b>	<b>4,981,619</b>
MWD Ready-to-Serve Charge (RTS)	449,649
SDCWA Infrastructure Access Charge (IAC)	387,090
Sundry Revenues	300,000
<b>Total Operating Revenues</b>	<b>21,140,578</b>

**Changes beginning FY 15-16**

- Beginning July 1, 2015 the District is preparing for mandatory water cutbacks and allocations. San Diego County Water Authority (CWA) will determine its member agency cutbacks and allocations once its wholesaler Metropolitan Water District passes their own cutback levels. For the FY 15-16 Budget, the District is making the following assumptions.
  - Cutbacks and allocations will be based on our FY 13-14 sales.
  - Agricultural customers will have a mandatory 15% cutback.
  - Non-agricultural customers will have a 15% mandatory cutback.
- The District’s Board of Directors had meetings in April and May 2015 to determine the impact to the ratepayers, establishing a Shortage Level 2 and pricing for Shortage Level 2.
- CWA released preliminary rates and charges for 2015 in May but will not approve these rates until June 2015. Rates as calculated for July 2016 through December 2016 are based on a 6% increase in the commodity component of our wholesale cost of water. Increases to the fixed component of our wholesale cost of water were provided by CWA as estimates in May. CY 2016 fixed charges as set by CWA will include the desalination component. In March 2015 CWA approved the extension of the Transitional SAWR (TSAWR) rate to 21/31/20.

**Changes made effective FY 14-15**

- Water rates will no longer be “blended” into a fiscal year. Instead they will be “unblended” for the remainder of Calendar Year 2014 and will be subsequently updated on January 1 of each year to match the timing of rate changes by Metropolitan Water District (MWD) and San Diego County Water District (CWA). Only water rates will be affected, monthly operations charges and pass through charges will be unchanged and based on a Fiscal Year.
- At Normal/Shortage Level 1, the first 5 units of water will be sold to all domestic M&I customers will be sold at Tier 1 regardless of monthly consumption. In prior years Tier 1 was sold only to customers who used less than 12 units per month. Should Shortage Levels 2 through 4 be implemented, Article 26 of the Administrative Code, “Water Shortage Response Plan” will be activated.
- The Board increased Tier 1 water rate to 90% of Base (Tier 2). Prior to FY 14-15 Tier 1 was calculated at 85% of Base.

**Revenue Objectives**

- Retain a three tiered rate structure for residential and commercial service to promote water conservation. The three tiered system was first implemented in FY 08-09. Level 1 in the chart below reflects this change and will remain in place unless voluntary or mandatory cutbacks are required beginning July 1, 2015. As the drought level increases, the base rate multiplier increases for each block as the block width simultaneously decreases. See the chart below for Domestic customers.

Level 1		Level 2		Level 3		Level 4	
Use	Rate	Use	Rate	Use	Rate	Use	Rate
1-5	.90B	1-5	.90B	1-5	.90B	1-5	.90B
6-30	Base	6-27	Base	6-22	Base	6-15	Base
31-60	1.1xB	28-54	1.5xB	23-45	1.75xB	16-30	2.0xB
61-90	1.1xB	55-81	1.75xB	46-67	2.0xB	31-45	2.5xB
>90	1.1xB	>81	2.0xB	>67	2.5xB	>45	3.0xB

The drought model takes factors into consideration such as the elasticity of demand of water and the required level of customer conservation. The model was built using actual FPUD Domestic customer usage during FY 06-07. The model was also built to remain as revenue neutral as possible while allowing collection of enough revenue to cover the expense of potential fines the District would have to pay should the mandatory cutback percentage not be reached. Any additional revenue generated would be used for conservation programs, community outreach and development of recycled water pipelines within the Fallbrook service area.

- Recover up to 80% of fixed operating expenses through a fixed service charge and 20% through the mark-up on the wholesale cost of water. As has been the case in past budget years and for FY 15-16, 80% of fixed operating expenses will be collected through the fixed service charge and 20% through water rates.
- Pass through any fixed costs levied by SDCWA and MWD. Beginning in FY 09-10 forward, pass through any increases in the wholesale cost of water. Water rates will be the only component of the District's rates and charges which will be updated on the calendar year.
- The 1% Tax Takeaway surcharge was eliminated as of February 1, 2007 two years after its emergency implementation. Should the State of California permanently shift property taxes from the District, a budget amendment will be brought to the Board which will include reimplementing of the Tax Takeaway surcharge. 1% property taxes are used to pay for water capital improvements and water debt service.

#### **Sundry Revenues**

- The District receives sundry revenues (those revenues which do not fall into the category of Water Sales or Service charges) in varying amounts annually. For FY15-16, the budgeted Sundry Revenue has been estimated to be \$300,000 and is anticipated from the following sources: The Santa Margarita River Watermaster's reimbursement to FPUD for two employees who work directly for the Watermaster, plus accounting services provided by the District to the Watermaster. Fees charged and collected for processing of pre-lock notices and lock fees as well as NSF check fees of approximately \$60,000. Transmission revenues of \$25,000 per year from the Naval Weapons Station. Fallbrook PUD purchases water on behalf of NWS and provides the delivery of water to NWS, for which a fee based on acre feet is charged. An additional \$15,000 is budgeted as miscellaneous revenues and include such items as recycling of scrap materials, state mandated cost reimbursements and reimbursement for repairs that will be paid by others including insurance claims for damage to District property.

Per Generally Accepted Accounting Principles (GAAP), at the end of the fiscal year, any net revenues or net expenses roll into the Ending Equity/Fund Balance accounts separately and distinctly for each operating entity.

#### **Water Sales**

- The FY 15-16 budget includes mandatory cutbacks and allocations based on FY 13-14 sales. Water sales for FY 15-16 are budgeted to be 10,700 AF, based on FY 13-14 sales less a 15% cut for Ag customers and a 15% cut for M&I customers
- CWA will continue the SAWR program until 12/31/20.
- 34% of the 10,700 AF of water will be sold to SAWR customers and the remaining 66% to M&I customers.
- For FY 15-16 3,853 AF of water is budgeted to be sold to SAWR customers.

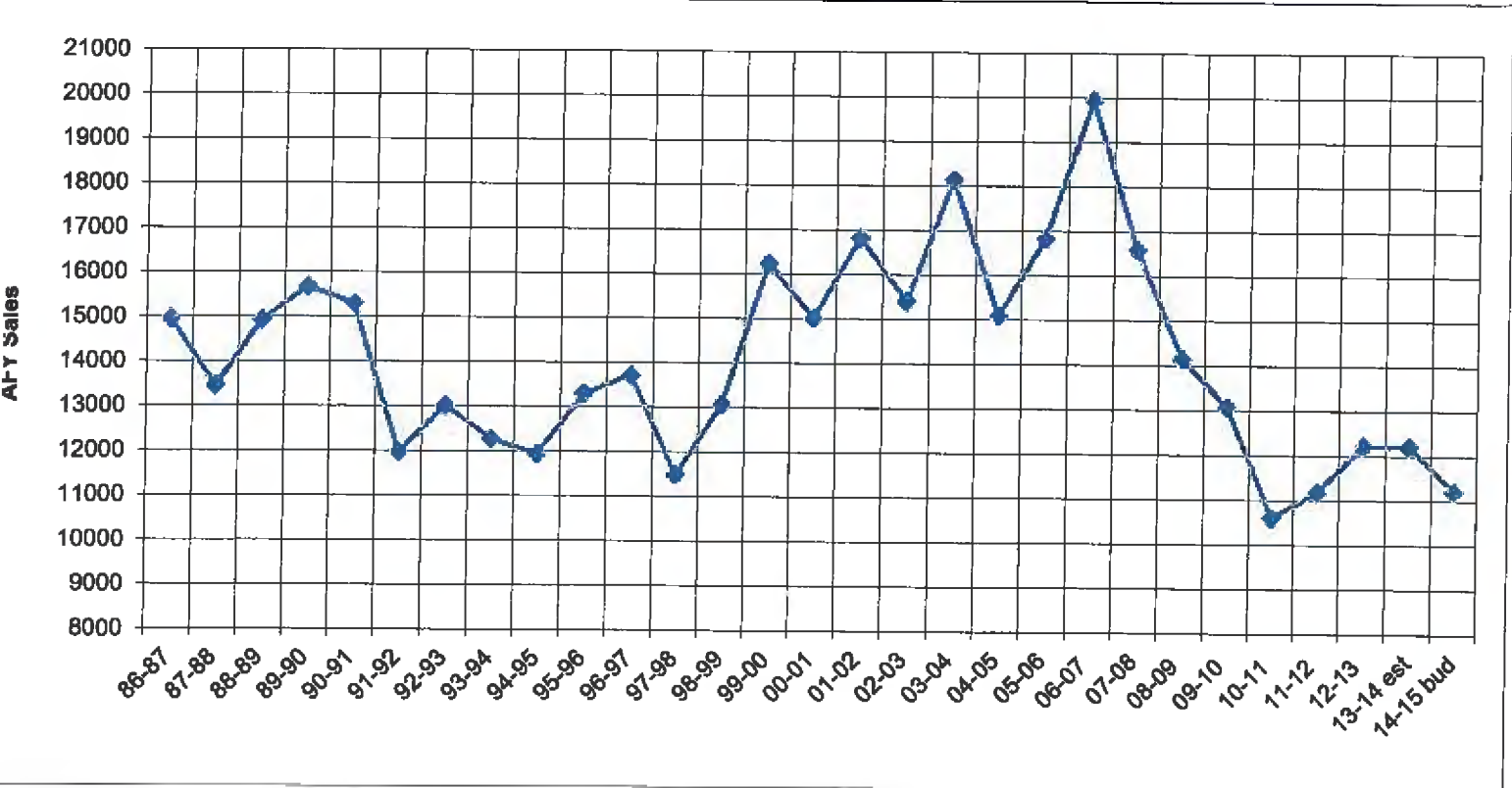
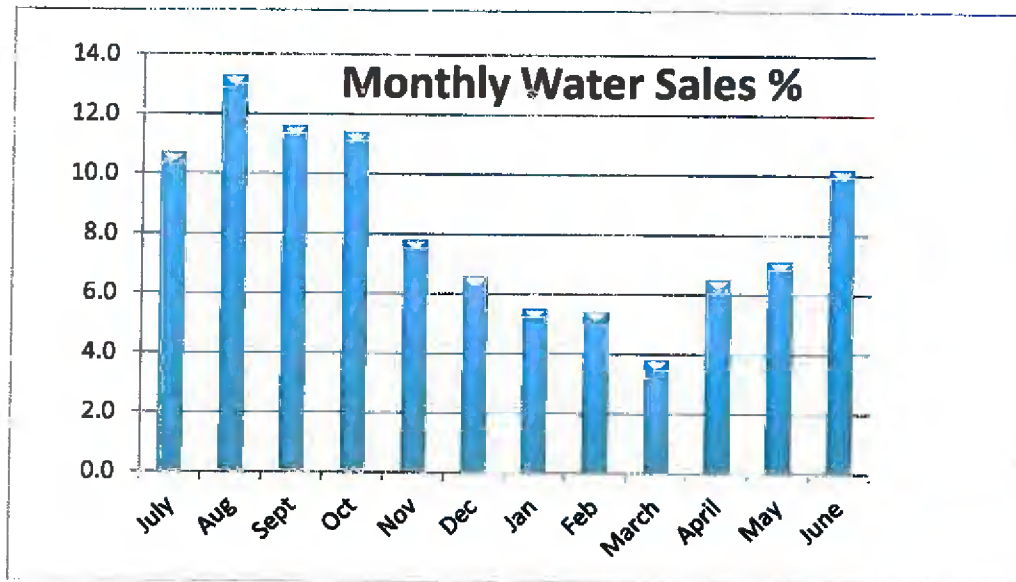
- For FY 15-16 M&I sales estimate is 6,798 AF.

Eight new connections are being budgeted for FY 15-16 from previously issued water availability letters. Six were budgeted for FY 14-15. Seventeen Equivalent Meter Units (EMU) have been sold as of April 2015.

The following table and graphs show historical water production and sales history for the past 20 years as well as estimates for current and next fiscal year. The purchase of imported water from the San Diego County Water Authority accounts for over 99% of water production. One small local well makes up the remainder.

<u>Year</u>	<u>Production (AF)</u>	<u>Sales (AF)</u>
1986-87	15,726	14,940
1987-88	14,233	13,437
1988-89	15,938	14,913
1989-90	17,224	15,659
1990-91	16,434	15,292
1991-92	12,690	11,960
1992-93	13,612	13,003
1993-94	12,682	12,259
1994-95	12,174	11,927
1995-96	14,047	13,288
1996-97	13,477	13,699
1997-98	12,366	11,469
1998-99	13,124	13,060
1999-00	17,006	16,302
2000-01	15,348	15,004
2001-02	17,173	16,812
2002-03	16,409	15,392
2003-04	17,720	18,125
2004-05	15,825	15,070
2005-06	18,000	16,800
2006-07	20,750	19,025
2007-08	16,260	16,610
2008-09	15,500	14,200
2009-10	12,300	13,070
2010-11	12,000	10,700
2011-12	11,950	11,260
2012-13	12,500	12,200
2013-14	12,000	11,200
2014-15 Estimated	12,000	11,200
2015-16 Budgeted	11,400	10,700

Monthly projections are necessary to track budgeted revenue and expense. Historically, the District sells a percentage of total sales as follows:



## Water Rates

- Both SDCWA and MWD implemented new rate structures, effective January 1, 2003. These new structures incorporate both fixed and variable components. The variable components are cost of supply and transportation. Within the cost of supply are further variables, in that MWD has also developed a tiered rate structure. The fixed components are capacity reservation charges, customer service charges, storage service charges, supply reliability charges, readiness-to-serve charges, and infrastructure access charges. Basically, there is no per AF charge except for supply and transportation. Beginning 7/1/14 the rates were based on a calendar year rather than a fiscal year. Water rates will be the only component of the District's rates and charges which will be updated on the calendar year. For CY 2016 the rates are proposed as follows: SAWR \$3.28/unit, Commercial Ag \$4.76, M&I Tier 1 \$4.66/unit, Tier 2 \$5.13/unit and Tier 3 \$5.65/unit. A sample bill will be provided on page 7.
- **The District will be subject to surcharges for exceedance of our water allocation. The surcharge for 100%-115% over our allocation will be \$1,480/AF or \$4.54 per kgal. If the District exceeds 115% of our allocation the surcharge will be \$2,960/AF or \$9.08. This surcharge will be passed on to the customers who go over their individual allocations. This surcharge is in addition to the tiered rates.**

## Service Charges

In 1983, the District adopted a philosophy and a water rate structure that relied on the monthly fixed service charges to generate up to 80% of the revenue to cover the District's fixed operating expenses. This was done to reflect the fact that over 80% of the fixed operating expenses are a function of the number of customers and have no relation to the volume of water sold. No changes in this approach are recommended for the coming year. Prior to 2004, the service charges had remained constant for ten years, which somewhat eroded the established relationship and consequently as operating costs increased in FY 04-05, charges were increased to maintain the 80% goal. For FY 15-16, fixed operating expenses are covered by the relationship of 80% Service Charges and 20% water rates. Since agricultural demand is not sensitive to discretionary use, as is M&I, all fixed operating costs attributable to agricultural sales are recovered on the service charge from those users who thus have a higher fixed meter service charge and were not subject to a tiered water rate. For the FY 15-16 it is proposed that monthly service charges for M&I customers and Agricultural customers increase by 3%.

## Readiness-to-Serve Charge

Commencing in FY 1995-96, MWD levied a fixed charge, labeled Readiness-to-Serve (RTS) on all its customers. The charge was designed to partially fund \$4.5 billion of projects undertaken to ensure reliability for existing customers and provide for future growth. MWD levies the charge on a flat basis each year; however, rather than collecting the entire amount through the water billing process, FPUD is granted a credit for that portion collected by MWD through its parcel charge levied in the FPUD service area which will be paid through the monthly billing process as a fixed charge. The District recently received draft rates for the RTS charge and the RTS draft rates decrease. Pending CWA's formal approval of rates, for FY 15-16 it is proposed that the RTS decreased by \$.26 for a customer with a ¾" meter and decrease \$3.90 for a customer with a 6" meter.

## Infrastructure Access Charge

In December 1997, the SDCWA adopted a plan that would enable the CWA to recover 25% of fixed costs through fixed revenue streams rather than relying on water rates alone. The concept protects against



potential “spikes” in the water rate in the event of reductions in water sales. The result of this program is the implementation of the Infrastructure Access Charge (IAC). The first was imposed on January 1, 1999.

The charge is imposed monthly based on meter size and includes only meters with usage. Draft rates for calendar year 2016 indicate the annualized fixed charge will increase by 2.6% subject to formal rate approval by CWA. Since the Board adopted a philosophy of “direct pass through” on this charge there was a need to increase the proposed IAC by \$.07 for 3/4” meters and by \$2.10 for 6” meters, to meet this additional levy.

### Water Capital Improvement Charge

A Water Capital Improvement Charge was implemented in FY 07-08 due to EPA regulations which required additional disinfection to water coming from the Red Mountain Reservoir. The FY 12-13 charge was \$4 per equivalent meter unit (EMU) which is used for water system capital improvements. During FY 12-13 the District Engineering staff began an Asset Management Program where it was determined that the currently pipeline replacement program was on a 260 year replacement cycle, a period of time well beyond the estimated life of water pipelines. For FY 13-14 the Capital Improvement Charge was increased \$8 per EMU which would raise an additional \$500,000 to be used for pipeline replacement program. The additional revenue decreases the replacement cycle to approximately 142 years. When the charge was raised to \$8.00 the Board approved an annual escalator of the Engineering News Report Construction Cost Index for February plus 3%. For FY 15-16 it is proposed that the fee be increased by 5.5% to \$9.06 per EMU.

<b>CY 16 Customer Impact</b>		
<b>Domestic 3/4" meter using 15 units/month</b>		
<b>(5 units winter use)</b>		
	<b>Current</b>	<b>Proposed</b>
<b>Service Chg</b>	<b>38.10</b>	<b>39.24</b>
<b>1st 5 kgal (Tier 1)</b>	<b>21.90</b>	<b>23.30</b>
<b>Tier 2 usage</b>	<b>48.20</b>	<b>51.30</b>
<b>Tier 3</b>	<b>-</b>	<b>-</b>
<b>RTS</b>	<b>4.26</b>	<b>4.00</b>
<b>IAC</b>	<b>2.70</b>	<b>2.77</b>
<b>Capital Improvemer</b>	<b>8.59</b>	<b>9.06</b>
	<u><b>123.75</b></u>	<u><b>129.67</b></u>
<b>Total Water Bill Impact</b>		<b>\$ 5.92</b>
<b>% Impact</b>		<b>4.8%</b>

**WATER DEPARTMENT**  
Production Program

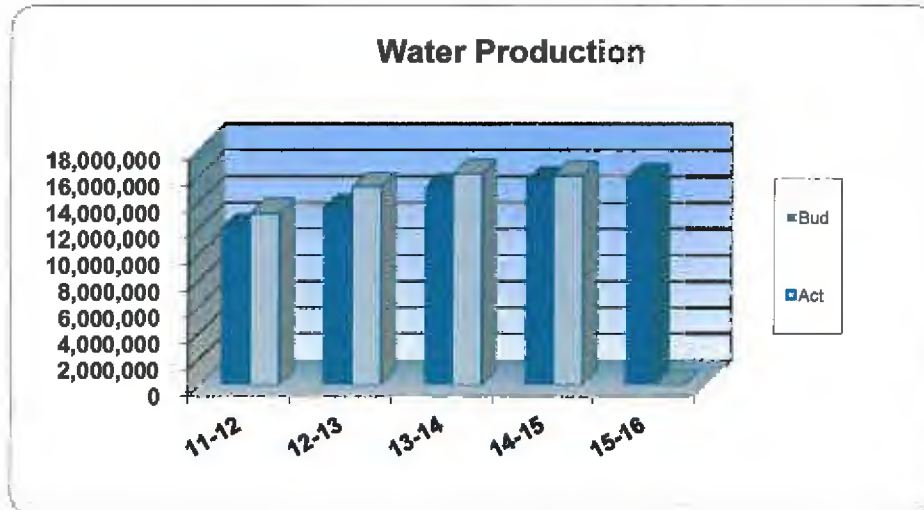
**Program Purpose & Scope:** Program provides imported and locally developed potable water supply to meet demand for agricultural, residential, commercial, and government uses. Program provides for operation of local District wells, daily ordering of imported water from the SDCWA, monitoring and testing for water quality, and energy required for pumping to higher elevations.

**Level of Service Standards:**

- Comply with applicable Federal, State and local standards for drinking water quality.
- Production to meet daily peak demands.
- Retain adequate storage in Red Mountain Reservoir to meet system demands for at least 10 day aqueduct shutdowns.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est.Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	121,960	123,886	123,784
Fringe Benefits	117,813	119,607	107,816
Equipment Allocation	12,806	17,768	12,997
Materials & Supplies	15,031,219	15,423,505	15,253,503
Contract Services	311,026	272,942	327,964
<b>TOTAL EXPENSES</b>	<b>15,594,824</b>	<b>15,957,708</b>	<b>15,826,064</b>



**WATER DEPARTMENT**  
**Production Program**  
**Job Detail**

**TITLE:** Purchased Water Expense

**JOB #:** Acct 30-54010

**DESCRIPTION:** All payments made to SDCWA for purchased water. Includes MWD Readiness-to-Serve charges and SDCWA Infrastructure Access Charges

**WORKLOAD:**

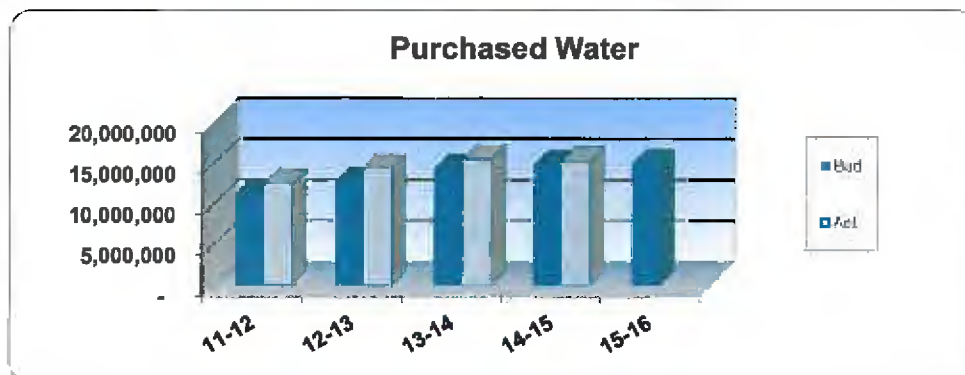
**EFFECTIVENESS:**

**PROGRAM BUDGET**

	2014-15	2014-15	2015-16
	<u>Budget</u>	<u>Est. Actual</u>	<u>Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	14,917,419	15,299,480	15,158,603
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>14,917,419</b>	<b>15,299,480</b>	<b>15,158,603</b>

**Materials/Supplies/Contract Services**

<b>M &amp; I</b>	7,303 AF	10,128,089	10,434,031
<b>IAWP</b>	- AF	0	
<b>SAWR</b>	4,097	3,930,175	3,890,181
<b>Water Costs</b>	11,400 AF	14,058,264	14,324,212
<b>CWA planned shutdown</b>			
<b>IAC</b>		380,706	387,090
<b>RTS</b>		478,449	447,301
<b>Total</b>		<b>14,917,419</b>	<b>15,299,480</b>



**WATER DEPARTMENT**  
 Production Program  
 Job Detail

**TITLE:** Pumping Costs, DeLuz Service Area

**JOB #:** Acct 30-54030

**DESCRIPTION:** Includes all electricity costs for operating the DLSA pumps.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est.Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	201,220	202,460	188,071
<b>TOTAL EXPENSES</b>	<b>201,220</b>	<b>202,460</b>	<b>188,071</b>

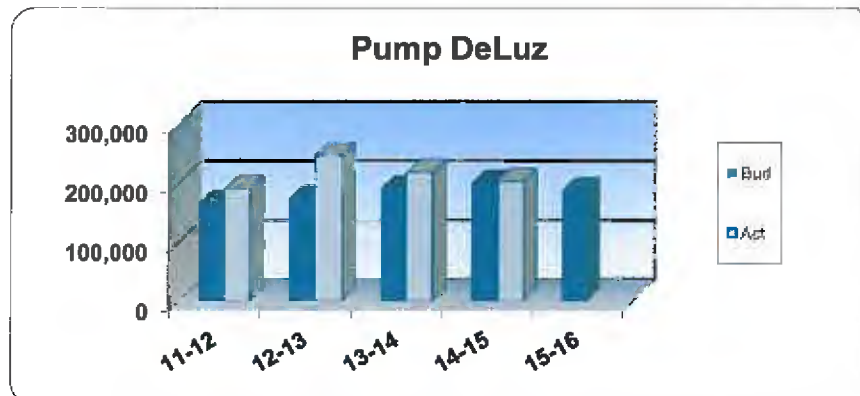
\* lower due to pump station rehabilitation

**Materials/Supplies/Contract Services**

Power	1749 AF	\$ 0.33 kgal	188,071	
P/S Maint	1749 AF	\$0.10 kgal		1991
Other				1991
CWA planned shutdown				1991

Total

**188,071**



**WATER DEPARTMENT**  
**Production Program**  
**Job Detail**

**TITLE:** Pumping Costs, Toyon Heights

**JOB #:** Acct 30-53002, Job 105-62

**DESCRIPTION:** All electricity costs to operate the Toyon Heights pumping station.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	10,707	10,106	9,892
<b>TOTAL EXPENSES</b>	<b>10,707</b>	<b>10,106</b>	<b>9,892</b>

**Materials/Supplies/Contract Services**

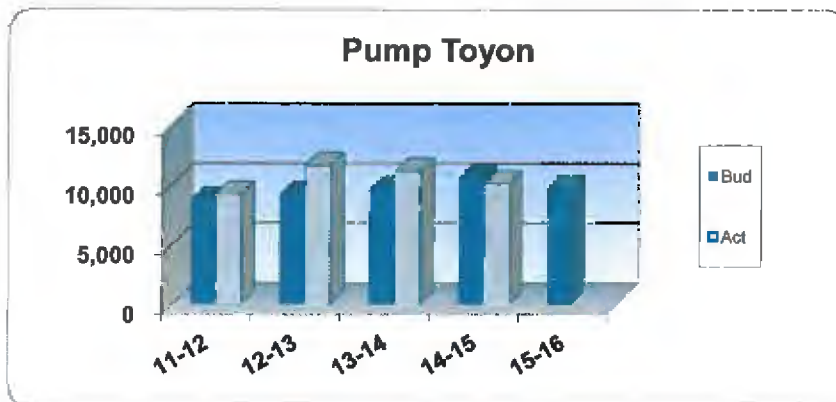
Toyon Pumping	92 AF	\$ 0.33 kgal	9,892
P/S Maint	92	\$0.10 kgal	

Other

CWA planned shutdown

Total

**9,892**



**WATER DEPARTMENT**  
 Production Program  
 Job Detail

**TITLE:** Water Quality and Treatment

**JOB #:** 101

**DESCRIPTION:** L&M to monitor and treat the potable drinking water supply.

**WORKLOAD:** Somewhat predictable unless there are water quality complaints.

**EFFECTIVENESS:** Rapid response to water quality complaints and regular gathering, monitoring, and testing of the potable water supply.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est.Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	62,914	88,058	66,680
Fringe Benefits	60,775	85,014	58,078
Equipment Allocation	6,606	12,929	7,001
Materials & Supplies	48,300	71,223	34,200
Contract Services	33,700	45,957	50,800
<b>TOTAL EXPENSES</b>	<b>212,295</b>	<b>303,181</b>	<b>216,760</b>

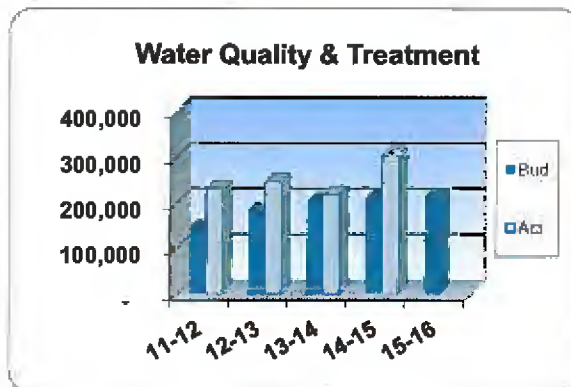
\* additional sampling required by EPA  
 \* aqueduct shutdown

**Materials/Supplies/Contract Services**

Laboratory Analysis	11,000	-	12,000
Copper Sulfate	15,000	-	15,000
Hach Support	3,200	-	3,200
DHS/SWRCB/APCD/County Permits	19,500	-	19,500
Temp	1,100	-	1,100
Equipment & Materials	2,000	-	3,000
CWA planned shutdown	15,000	-	15,000
Field Water Quality Test Equipment	2,200	-	2,200
Calcium Hypochlorite (HTH)	13,000	-	14,000

Total

<b>82,000</b>	-	<b>85,000</b>
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**WATER DEPARTMENT**  
**Production Program**  
**Job Detail**

**TITLE:** Chlorine Facility Maintenance & Repair

**JOB #:** 320

**DESCRIPTION:** L&M to maintain and repair District chlorine facilities.

**WORKLOAD:** As needed. Also provide routine O&M on a regular basis.

**EFFECTIVENESS:** To keep chlorine equipment operational by routine and regular maintenance and provide a rapid response when needed.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est.Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	875	-	860
Fringe Benefits	845	-	749
Equipment Allocation	92	-	90
Materials & Supplies	1,250	19	1,450
Contract Services	1,200	-	1,000
<b>TOTAL EXPENSES</b>	<b>4,262</b>	<b>19</b>	<b>4,149</b>

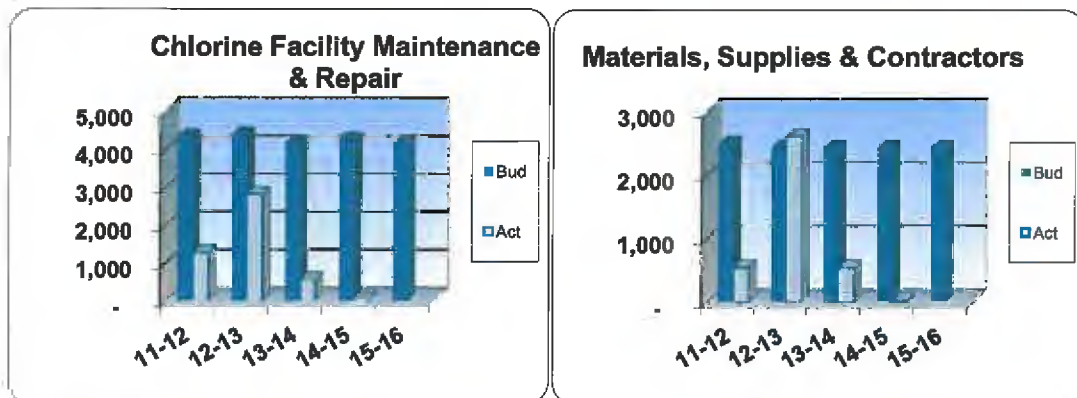
\* reduction in backup power, limited UV plant operations

**Materials/Supplies/Contract Services**

Injector Pump Maint		-	
Equipment & Materials	1,000	-	1,000
Co of SD Permits	1,000	-	1,000
Chemical Equip Serv, Repair, Maintenance	200	-	200
Fencing Repairs	250	-	250

Total

**2,450**      **-**      **2,450**



**WATER DEPARTMENT**  
**Production Program**  
**Job Detail**

**TITLE:** Red Mountain UV Plant Operations

**JOB #:** 325

**DESCRIPTION:** L&M to monitor and treat the portable drinking water supply. Includes pumps, motors, chemical injection and storage equipment, water quality monitoring equipment, metering equipment, reporting, UV reactors, etc.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	22,719	16,677	22,816
Fringe Benefits	21,947	16,101	19,873
Equipment Allocation	2,385	2,253	2,396
Materials & Supplies	57,800	45,702	52,800
Contract Services	42,500	5,760	56,500
<b>TOTAL EXPENSES</b>	<b>147,351</b>	<b>86,493</b>	<b>154,384</b>

\* reduction in backup power, limited UV plant operations

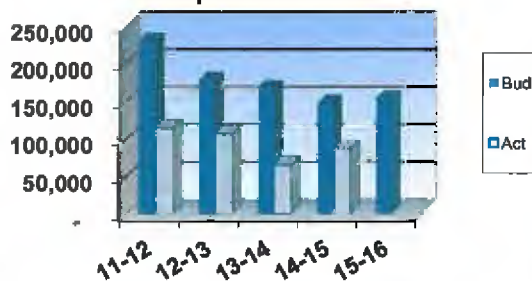
**Materials/Supplies/Contract Services**

Power	30,000	-	43,000
Laboratory Analysis	8,500	-	9,000
Sodium Hypochlorite	50,000	-	45,000
Aqua Ammonia	5,000	-	5,000
Water Quality Instrument Support & Calib.	4,000	-	4,500
Equipment & Materials	2,800	-	2,800

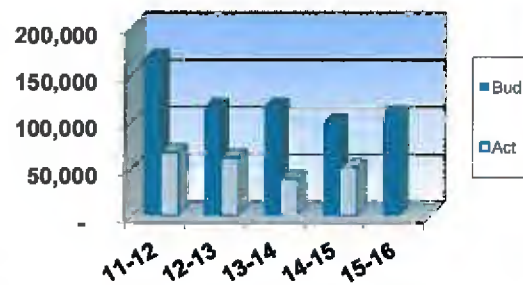
Total

<b>100,300</b>	-	<b>109,300</b>
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**Red Mountain UV Plant Operations**



**Materials, Supplies & Contractor**





**WATER DEPARTMENT**  
**Production Program**  
**Job Detail**

**TITLE:** Red Mountain UV Plant Maintenance

**JOB #:** 330

**DESCRIPTION:** L&M to maintain and repair the potable disinfection facility. Includes motors, chemical injection and storage equipment, water quality monitoring equipment, meters, UV reactors, etc.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	35,452	19,151	33,428
Fringe Benefits	34,247	18,491	29,116
Equipment Allocation	3,722	2,586	3,510
Materials & Supplies	6,450	7,081	6,450
Contract Services	21,700	8,660	21,700
<b>TOTAL EXPENSES</b>	<b>101,571</b>	<b>55,969</b>	<b>94,204</b>

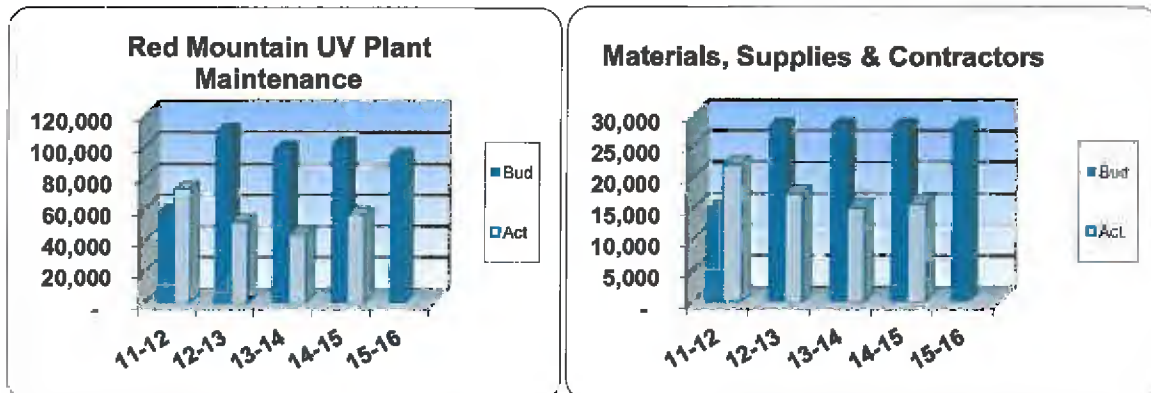
\*reduction in backup power, limited UV plant operations

**Materials/Supplies/Contract Services**

Equipment & Materials	5,700	-	5,700
Chemical Equip Service/Repair/Maintenance	4,700	-	4,700
UV Reactor Service/Repair/Maintenance	17,000	-	17,000
Fencing Maintenance & Repairs	750	-	750

Total

<b>28,150</b>	<b>-</b>	<b>28,150</b>
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**WATER DEPARTMENT**  
Customer Service & Billing Program

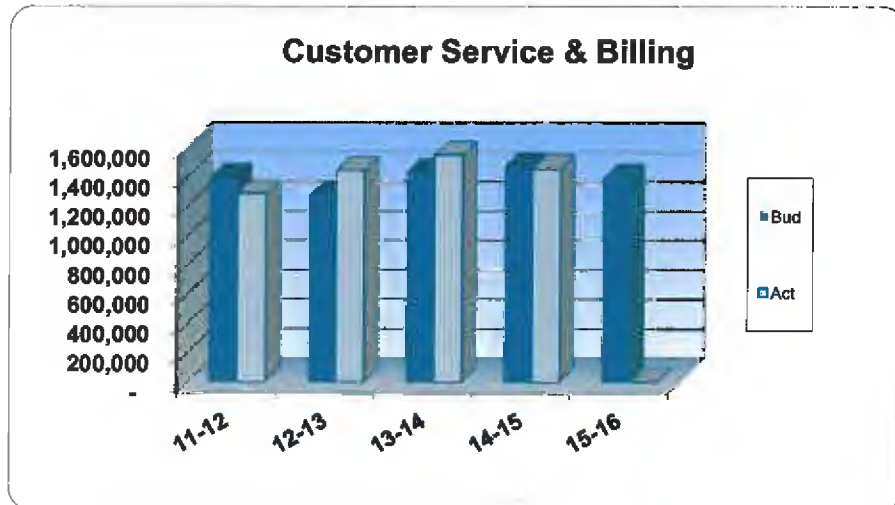
**Program Purpose & Scope** Program provides all customer service and billing functions, including establishing water service accounts, responding to customer complaints and requests, meter reading, pursuing payment on delinquent accounts, meter calibration and replacement, repair of service lines and meter boxes, inspection and testing of backflow devices, and standby pay for after hours duty personnel.

**Level of Service Standards:**

- Comply with applicable State and local standards for backflow prevention to protect the drinking water quality in the District's distribution system
- Respond to customer requests for water and sewer service in a timely manner
- Respond to customer complaints about water quality and pressure problems
- Reduce unaccounted water loss by maintaining a scheduled meter calibration and replacement program
- Collect delinquent accounts
- Provide standby personnel for after hours calls

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	547,571	538,040	506,721
Fringe Benefits	472,868	463,080	390,784
Equipment Allocation	95,554	101,181	87,811
Materials & Supplies	263,750	323,116	304,300
Contract Services	89,320	24,115	102,770
<b>TOTAL EXPENSES</b>	<b>1,469,063</b>	<b>1,449,532</b>	<b>1,392,385</b>



**WATER DEPARTMENT**  
**Customer Service & Billing Program**  
**Job Detail**

**TITLE:** Meter Testing & Exchange

**JOB #:** 416

**DESCRIPTION:** Annual program to test 2" through 6" meters; also includes the testing of 3/4", 1" and 1-1/2" meters on a scheduled basis.

**WORKLOAD:** Meters or dials are replaced during scheduled cycles. Replaced parts are returned to shop for testing.

**EFFECTIVENESS:** During prior years the vendors quality control abated and more replacement rather than repair was required. All meters/repairs related to exchange program now charged here.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	7,551	4,193	7,712
Fringe Benefits	7,294	4,050	6,717
Equipment Allocation	1,208	566	1,234
Materials & Supplies	25,000	37,691	25,000
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>41,053</b>	<b>46,501</b>	<b>40,663</b>

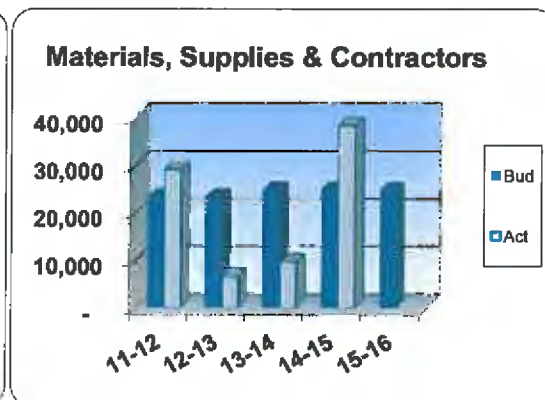
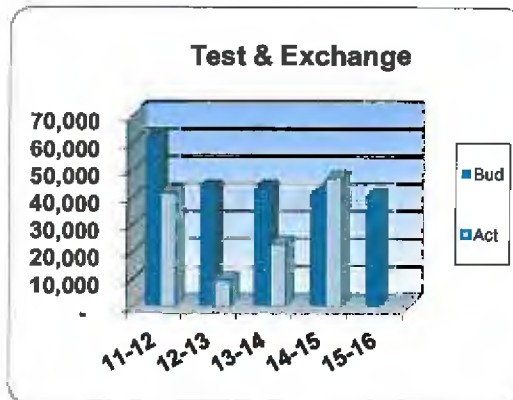
\* increase in meter replacement

**Materials/Supplies/Contract Services**

Meters	25,000	-	25,000
Other		-	

Total

25,000      -      25,000



**WATER DEPARTMENT**  
**Customer Service & Billing Program**  
**Job Detail**

**TITLE:** Meter Repairs & Radio Read Troubleshoot

**JOB #:** 422

**DESCRIPTION:** Material required to repair/replace meters found to be defective during routine meter reading or scheduled testing or customer call-in resulting in a repair. Bench testing, meter overhauling, new meter testing, etc. Troubleshooting radio reads

**WORKLOAD:**

**EFFECTIVENESS:**

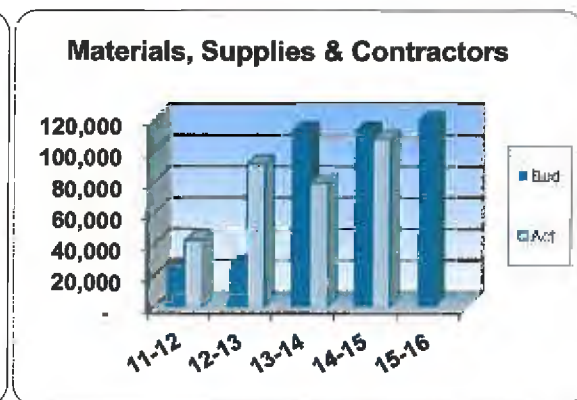
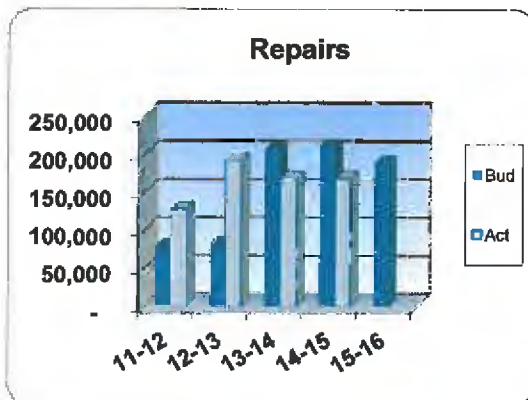
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	46,232	31,159	34,317
Fringe Benefits	44,660	30,074	29,890
Equipment Allocation	7,397	6,126	5,491
Materials & Supplies	112,900	100,845	119,500
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>211,189</b>	<b>168,205</b>	<b>189,198</b>

\* reduction in meter repairs

**Materials/Supplies/Contract Services**

NonInventory Materials		-	
Inventory Items	82,000	-	82,000
Dial and Ert	26,200	-	27,000
C/M Meters(2 per year)	1,700	-	7,500
Shipping	3,000	-	3,000
Other - Paving		-	
<b>Total</b>	<b>112,900</b>	<b>-</b>	<b>119,500</b>



**WATER DEPARTMENT**  
**Customer Service & Billing Program**  
**Job Detail**

**TITLE:** Backflow Inspection

**JOB #:** 424

**DESCRIPTION:** L&M, annual program to test and repair double check valves, backflow inspection & repair prevention devices.

**WORKLOAD:** Each backflow device is checked on an annual basis

**EFFECTIVENESS:** Repairs are made to those that do not pass the inspection parameters.

**PROGRAM BUDGET**

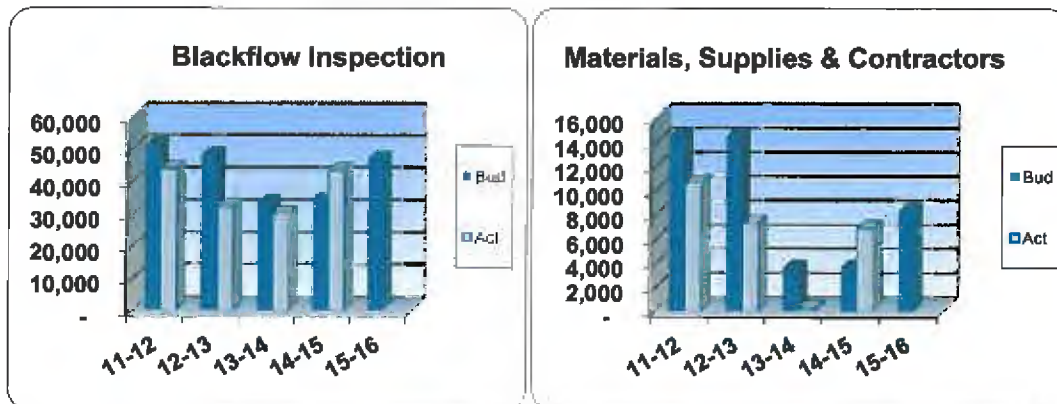
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	14,544	18,533	19,157
Fringe Benefits	14,050	17,891	16,686
Equipment Allocation	2,327	2,502	3,065
Materials & Supplies	3,600	4,380	8,150
Contract Services	-	-	150
<b>TOTAL EXPENSES</b>	<b>34,521</b>	<b>43,306</b>	<b>47,208</b>

**Materials/Supplies/Contract Services**

Repair Kits	3,000	-	6,000
Inventory	300	-	2,000
Tester Calibration	150	-	150
Other	150	-	150

Total

**3,600                      -                      8,300**



**WATER DEPARTMENT**  
Customer Service & Billing Program  
Job Detail

**TITLE:** Detector Check Maintenance

**JOB #:** 425

**DESCRIPTION:** L&M required to inspect, test, repair, repaint, repair fencing, etc., on all fire service connections in the District.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	1,607	3,589	7,793
Fringe Benefits	1,552	3,467	6,788
Equipment Allocation	257	1,162	1,247
Materials & Supplies	6,050	3,821	9,250
Contract Services	-	-	2,500
<b>TOTAL EXPENSES</b>	<b>9,466</b>	<b>12,038</b>	<b>27,578</b>

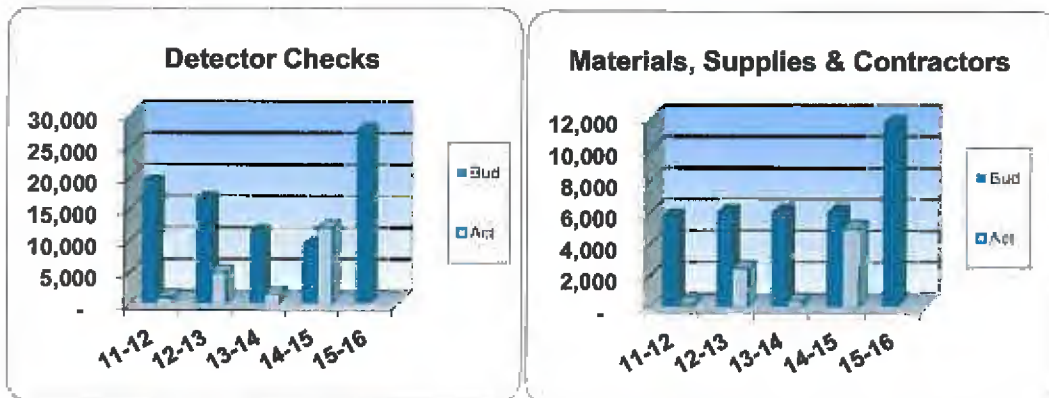
\* to maintained scheduled work

**Materials/Supplies/Contract Services**

Inventory	1,800	-	3,000
Materials	500	-	500
Repair Kits	500	-	5,000
Chains & Locks	500	-	500
Paint	250	-	250
Repair Fencing	2,500	-	2,500

Total

**6,050                      -                      11,750**



**WATER DEPARTMENT**  
**Customer Service & Billing Program**  
**Job Detail**

**TITLE:** Meter Service Repair

**JOB #:** 428

**DESCRIPTION:** L&M to repair meter service lines, angle cocks, upgrading or replacing meter boxes, leaky meter gaskets, customer valves, etc.  
Refer to Job #422 for internal meter repairs.

**WORKLOAD:** Equipment allocation adjusted to 35% per history

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	90,697	114,241	84,341
Fringe Benefits	87,613	110,343	73,461
Equipment Allocation	31,744	43,583	29,519
Materials & Supplies	48,000	66,868	52,000
Contract Services	35,000	6,897	30,000
<b>TOTAL EXPENSES</b>	<b>293,054</b>	<b>341,931</b>	<b>269,321</b>

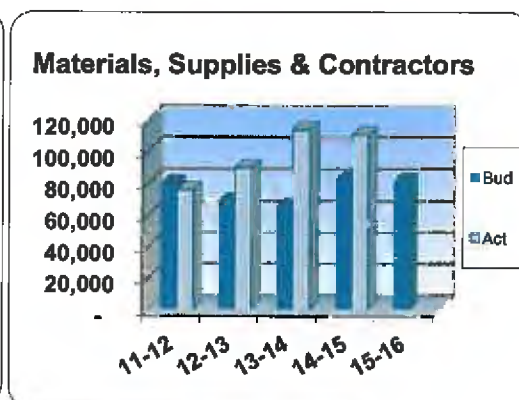
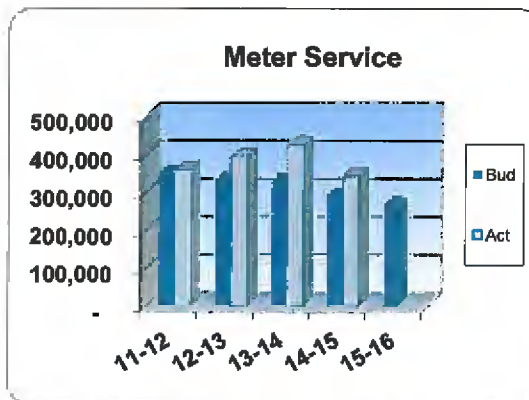
\* increased activity

**Materials/Supplies/Contract Services**

Paving&Inspections	35,000	-	30,000
Inventory	30,000	-	35,000
NonInventory/stock		-	
concrete/sand/gravel/cold mix	6,000	-	8,000
Other/Sidewalks/Fences	4,000	-	4,000
Line Replacement Kit	8,000	-	5,000

Total

**83,000                      -                      82,000**



**WATER DEPARTMENT**  
Customer Service & Billing Program  
Job Detail

**TITLE:** RP Inspection

**JOB #:** 431

**DESCRIPTION:** L&M, annual program to test & repair RP backflow prevention devices.

**WORKLOAD:** Each RP is inspected annually

**EFFECTIVENESS:** Repairs made to those that do not meet parameters.

**PROGRAM BUDGET**

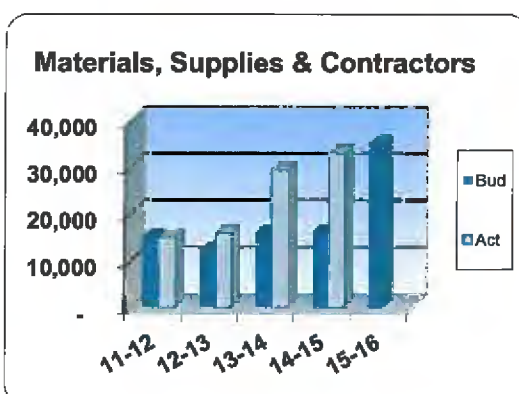
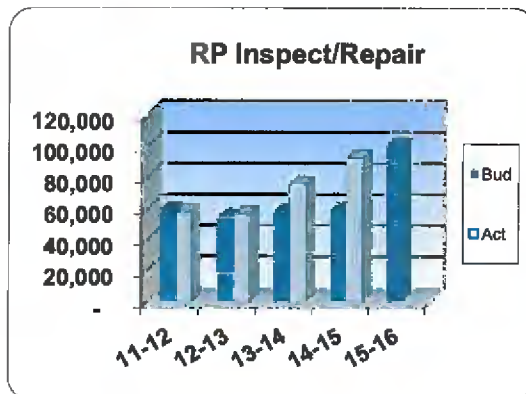
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	20,329	30,018	32,263
Fringe Benefits	19,638	28,985	28,101
Equipment Allocation	3,253	5,045	5,162
Materials & Supplies	16,300	27,942	35,300
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>59,519</b>	<b>91,990</b>	<b>100,826</b>

\* to maintain service schedule

**Materials/Supplies/Contract Services**

Inventory	4,000	-	20,000
Repair kits	12,000	-	15,000
Calibrate Tester	150	-	150
Other	150	-	150

Total 16,300      -      35,300





**WATER DEPARTMENT**  
Customer Service & Billing Program  
Job Detail

**TITLE:** Meter Reading

**JOB #:** 510

**DESCRIPTION:** Labor to read District meters for monthly cycle, read for closing and re-reads.

**WORKLOAD:**

**EFFECTIVENESS:**

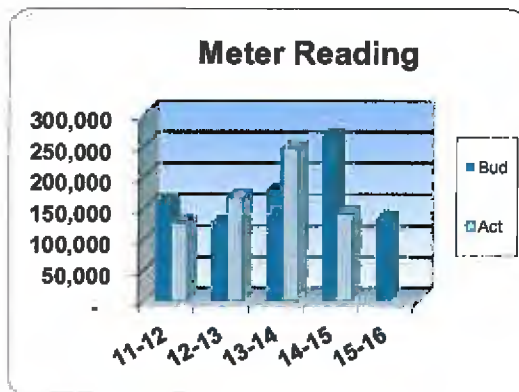
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	117,278	63,263	57,039
Fringe Benefits	113,291	61,055	49,681
Equipment Allocation	18,764	10,744	9,126
Materials & Supplies	2,500	3,851	2,500
Contract Services	15,000	1,980	15,000
<b>TOTAL EXPENSES</b>	<b>266,833</b>	<b>140,893</b>	<b>133,346</b>

\* reflects AMR

**Materials/Supplies/Contract Services**

Bee Removal	4,000	-	4,000
Radio Read Software Maintenance	7,500	-	11,000
Portable Toilets	3,500	-	-
Other-Shipping	2,500	-	2,500
Inventory	-	-	-
<b>Total</b>	<b>17,500</b>	<b>-</b>	<b>17,500</b>



**Water Department  
Customer Service & Billing Program  
Job Detail**

**TITLE:** Standby

**JOB #:** 511

**DESCRIPTION:** Used for the Water & Wastewater standby personnel for standby pay. Actual work performed during emergency standby callout is allocated to the job being worked on.

**WORKLOAD:**

**EFFECTIVENESS:**

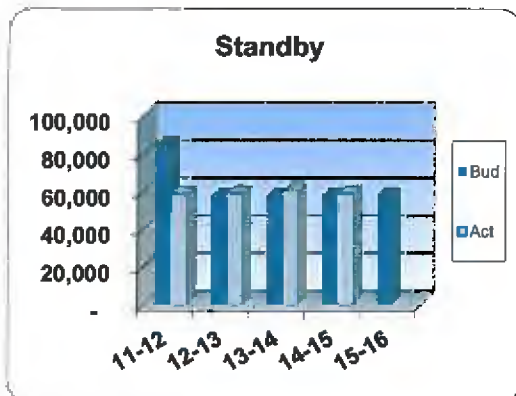
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	58,060	58,434	58,060
Fringe Benefits		-	
Equipment Allocation	-	-	-
Materials & Supplies		-	
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>58,060</b>	<b>58,434</b>	<b>58,060</b>

**Materials/Supplies/Contract Services**

Total

---



**WATER DEPARTMENT**  
**Customer Service & Billing Program**  
**Job Detail**

**TITLE:** Customer Requests

**JOB #:** 512

**DESCRIPTION:** L&M for account maintenance and customer service, responding to customer complaints of low & high pressures, standby service, dirty or bad water, R/W flow check, sewer smells. leaks, USA service alert line locations.

**WORKLOAD:**

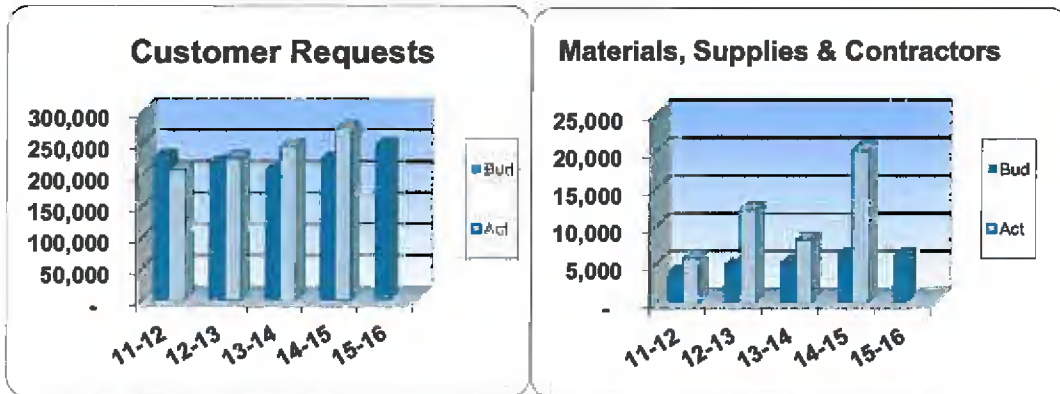
**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	102,603	123,406	119,272
Fringe Benefits	99,114	119,164	103,886
Equipment Allocation	16,416	17,558	19,084
Materials & Supplies	3,300	2,635	2,500
Contract Services	3,000	9,510	3,800
<b>TOTAL EXPENSES</b>	<b>224,434</b>	<b>272,272</b>	<b>248,541</b>

**Materials/Supplies/Contract Services**

Temporary Labor	-	-	-
Materials- Notices	1,500	-	1,500
Valve Cap Locator	1,000	-	1,000
USA Charges	3,000	-	3,000
Line Locator Repair	800	-	800
Inventory	-	-	-
<b>Total</b>	<b>6,300</b>	<b>-</b>	<b>6,300</b>



**WATER DEPARTMENT**  
**Customer Service & Billing Program**  
**Job Detail**

**TITLE:** Delinquent Accounts

**JOB #:** 515

**DESCRIPTION:** L&M to lock, unlock and re-lock delinquent accounts.

**WORKLOAD:** Lock notices are sent after due date and prior to next billing. Only 2% are locked.

**EFFECTIVENESS:** There are no accounts written off.

**PROGRAM BUDGET**

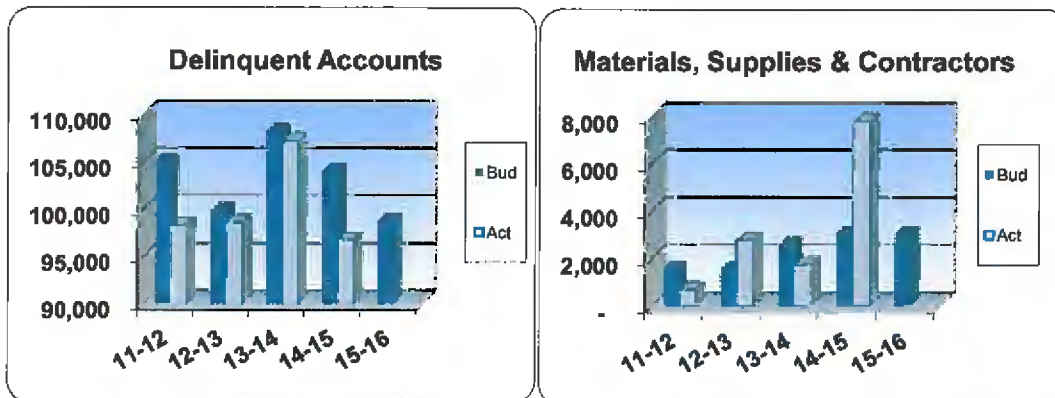
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	47,508	45,253	47,174
Fringe Benefits	45,893	43,683	41,089
Equipment Allocation	7,601	7,691	7,548
Materials & Supplies	3,100	125	3,100
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>104,102</b>	<b>96,752</b>	<b>98,910</b>

**Materials/Supplies/Contract Services**

Door Hangers, etc	1,000	-	1,000
Locks	1,100	-	1,100
Supplies	1,000	-	1,000
Other		-	

Total

**3,100                      -                      3,100**



**WATER DEPARTMENT**  
Customer Service & Billing Program  
**Job Detail**

**TITLE:** Billing

**JOB #:** 611

**DESCRIPTION:** Customer Service Representative's labor to prepare monthly bills, uncollectable accounts, answering service, billing postage and supplies. General & Specialty programming to respond to as needed for allocations.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

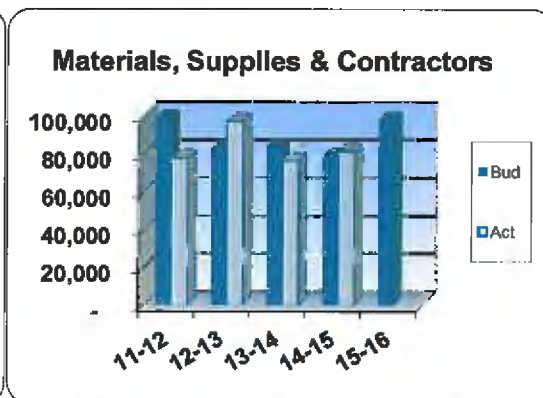
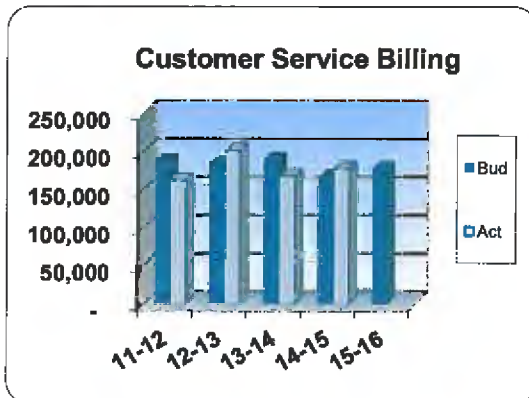
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	41,162	45,951	39,593
Fringe Benefits	39,762	44,368	34,486
Equipment Allocation	6,586	6,203	6,335
Materials & Supplies	43,000	74,960	47,000
Contract Services	36,320	5,729	51,320
<b>TOTAL EXPENSES</b>	<b>166,830</b>	<b>177,211</b>	<b>178,733</b>

**Materials/Supplies/Contract Services**

Answering Service	5,800	-	5,800
Bill Stock/envelopes	-	-	-
Programming (general & allocation)	10,000	-	25,000
Billing Postage	43,000	-	47,000
Outsource (Bill Printing)	15,000	-	15,000
HP Maintenance Agreement	3,120	-	3,120
Armored Car	2,400	-	2,400

Total

**79,320                      -                      98,320**



**WATER DEPARTMENT**  
Distribution Program

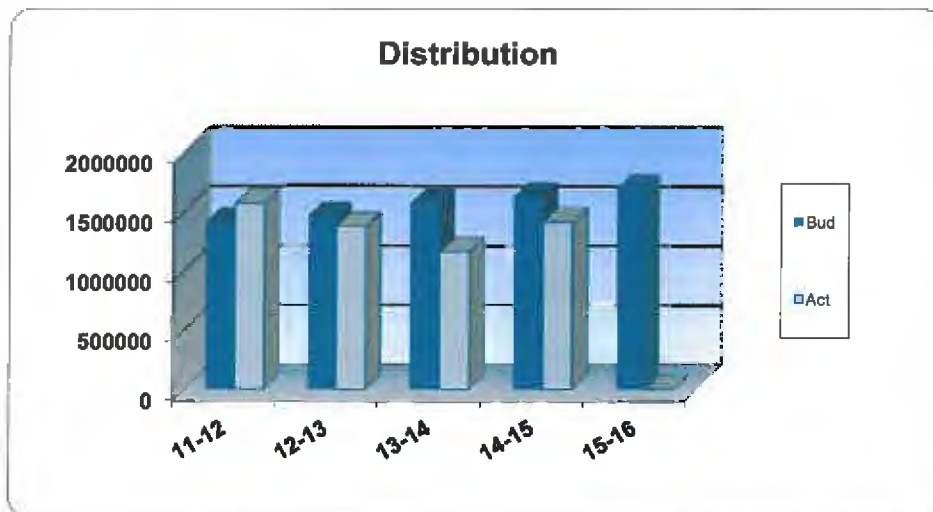
**Program Purpose & Scope:** Program provides distribution of drinking water to 12 regulating reservoirs and 8900 metered customer services; maintenance and repair of pipelines, valves, control facilities, reservoirs, pump stations, and rights-of-way; overall supervision and scheduling of the water departments crews and equipment; maintenance of telemetry system for both water and wastewater; and maintenance of interconnections with neighboring districts.

**Level of Service Standards:**

- Comply with applicable State and local standards for protection of the drinking water quality in the District's distribution system when making repairs.
- Minimize number of inconvenienced customers when effecting repairs.
- Provide crews to respond to customer complaints about water quality and pressure.
- Maintain rights-of-way to protect district facilities.
- Conduct regular inspection of reservoirs to ensure adequacy of coatings and cathodic protection systems.
- Repair fire hydrants as required.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	621,351	525,549	672,010
Fringe Benefits	600,225	507,415	585,321
Equipment Allocation	142,832	135,301	157,058
Materials & Supplies	106,250	189,133	131,450
Contract Services	153,279	52,299	147,900
<b>TOTAL EXPENSES</b>	<b>1,623,937</b>	<b>1,409,696</b>	<b>1,693,738</b>



**WATER DEPARTMENT**  
Distribution Program  
Job Detail

**TITLE:** Fallbrook Systems Area Operation

**JOB #:** 100

**DESCRIPTION:** All of the functions necessary to provide an adequate supply of potable water based upon daily demand.

**WORKLOAD:** Predictable with very few exceptions.

**EFFECTIVENESS:** Provide water through the District at adequate pressures and flows as required by the District and the State Dept. of Health Services.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	144,703	154,386	150,065
Fringe Benefits	139,783	149,051	130,707
Equipment Allocation	23,876	20,842	24,761
Materials & Supplies	2,000	4,271	2,400
Contract Services	3,400	-	3,400
<b>TOTAL EXPENSES</b>	<b>313,762</b>	<b>328,550</b>	<b>311,332</b>

\* reflects new hire and training

**Materials/Supplies/Contract Services**

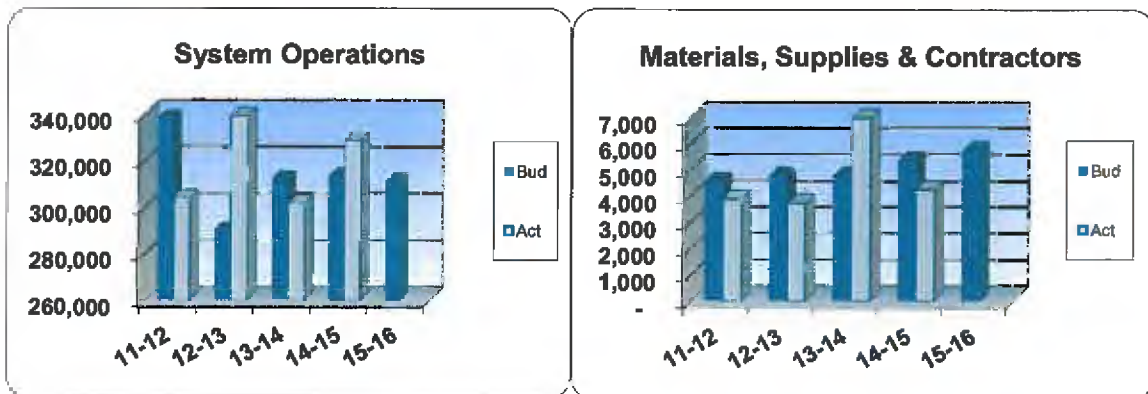
Equipment & Materials	2,000	-	2,400
Portable Toilet	1,300	-	1,300
Temp	2,100	-	2,100

Total

**5,400**

-

**5,800**



**WATER DEPARTMENT**  
Distribution Program  
Job Detail

**TITLE:** DeLuz Service Area Operations

**JOB #:** 102

**DESCRIPTION:** All of the functions necessary to provide an adequate supply of potable water based upon daily demand in the DeLuz area.

**WORKLOAD:** Fairly predictable with some exceptions based on system capacity.

**EFFECTIVENESS:** Rapid response to pressure problems that develop due to usage.

**PROGRAM BUDGET**

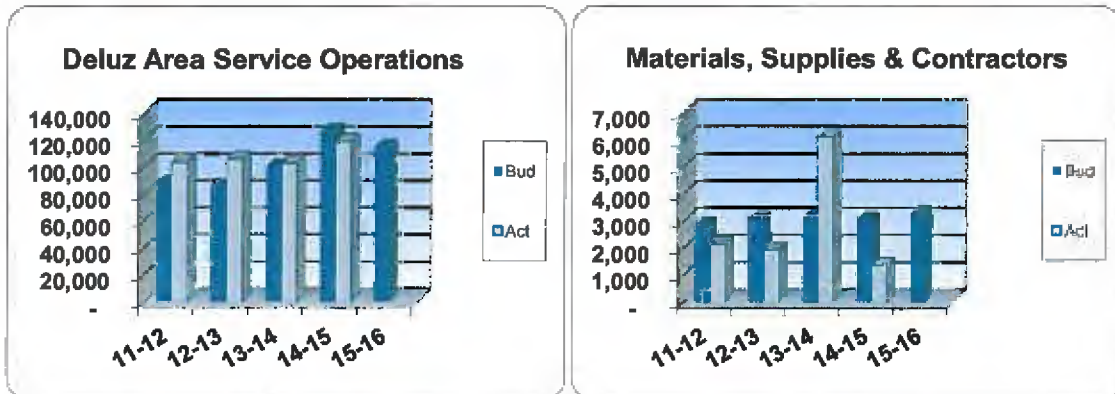
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	58,269	56,068	55,018
Fringe Benefits	56,288	54,140	47,921
Equipment Allocation	9,614	7,569	9,078
Materials & Supplies	1,000	1,371	1,200
Contract Services	2,100	-	2,100
<b>TOTAL EXPENSES</b>	<b>127,271</b>	<b>119,148</b>	<b>115,317</b>

**Materials/Supplies/Contract Services**

Temp	2,100	-	2,100
Equipment & Materials	1,000	-	1,200

Total

**3,100                      -                      3,300**





**WATER DEPARTMENT**  
Distribution Program

**Job Detail**

**TITLE:** O&M Scheduling

**JOB #:** 110

**DESCRIPTION:** Wages & benefits for the Operations Manager duties in the operations scheduling office.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	112,170	56,479	117,116
Fringe Benefits	108,356	54,497	102,008
Equipment Allocation	18,508	7,625	19,324
Materials & Supplies		-	
Contract Services	3,379	3,031	3,500
<b>TOTAL EXPENSES</b>	<b>242,413</b>	<b>121,632</b>	<b>241,948</b>

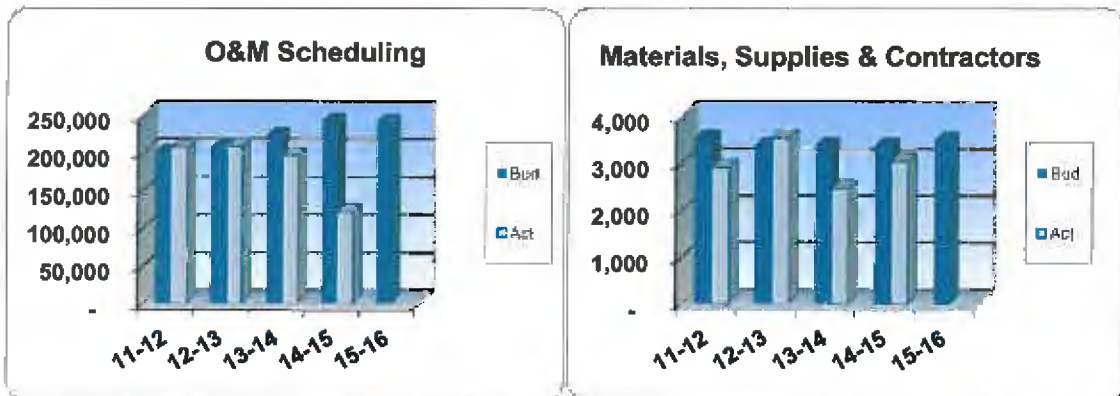
\* reflects unfilled position

**Materials/Supplies/Contract Services**

NWS Access Fees	3,379	-	3,500
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Total

<b>3,379</b>	<b>-</b>	<b>3,500</b>
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**WATER DEPARTMENT**  
Distribution Program  
Job Detail

**TITLE:** Exercise Valves

**JOB #:** 410

**DESCRIPTION:** Annual program to exercise valves (air release, blowoff, distribution and transmission), raise riser valve boxes, paint riser covers, flush dead end mains.

**WORKLOAD:** Annual program which is scheduled and predictable.  
Equipment allocation adjusted to 45% per history

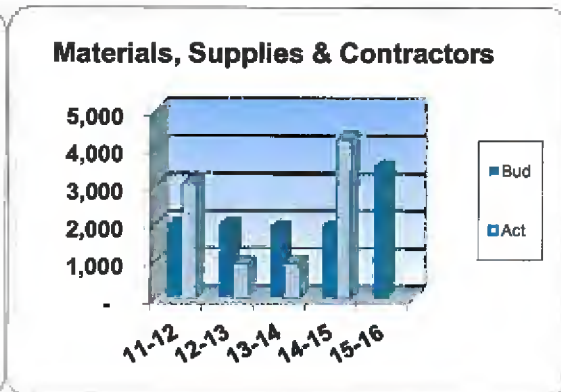
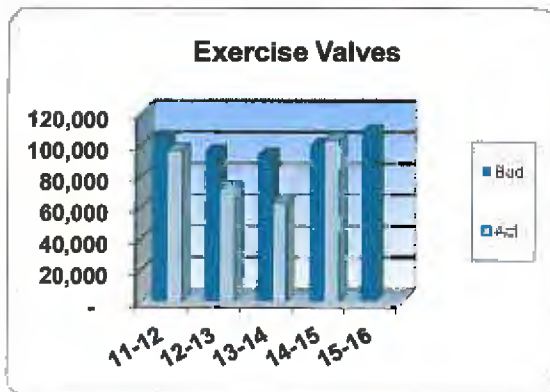
**EFFECTIVENESS:** Valves are exercised so when emergencies occur, mains can be shut down quickly and prevent water loss and property damage.  
Job had lower priority in past years. To be emphasized & scheduled in budget year.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	40,529	37,469	45,479
Fringe Benefits	39,151	36,158	39,612
Equipment Allocation	18,238	25,215	20,466
Materials & Supplies	1,900	4,227	2,500
Contract Services	-	-	1,000
<b>TOTAL EXPENSES</b>	<b>99,818</b>	<b>103,069</b>	<b>109,057</b>

**Materials/Supplies/Contract Services**

Dechlor Tabs	600	-	600
Line Purge Dechlor & hose		-	
15' Hose LPD-250		-	
Valve cans & slip collars	800	-	400
Materials/Other	500	-	500
Spray paint			1,000
Verizon wi-fi fees			1,000
<b>Total</b>	<b>1,900</b>	<b>-</b>	<b>3,500</b>



**WATER DEPARTMENT**  
Distribution Program  
Job Detail

**TITLE:** Valve Maintenance

**JOB #:** 411

**DESCRIPTION:** L&M required to repair all sizes of valves within the system, with the exception of customer valves.

**WORKLOAD:** As needed. The exercise program is identifying valves needing replacement or repair. Equipment allocation adjusted to 30% per history

**EFFECTIVENESS:** Provide a rapid response to broken valve problems and make repairs to restore service as soon as possible.

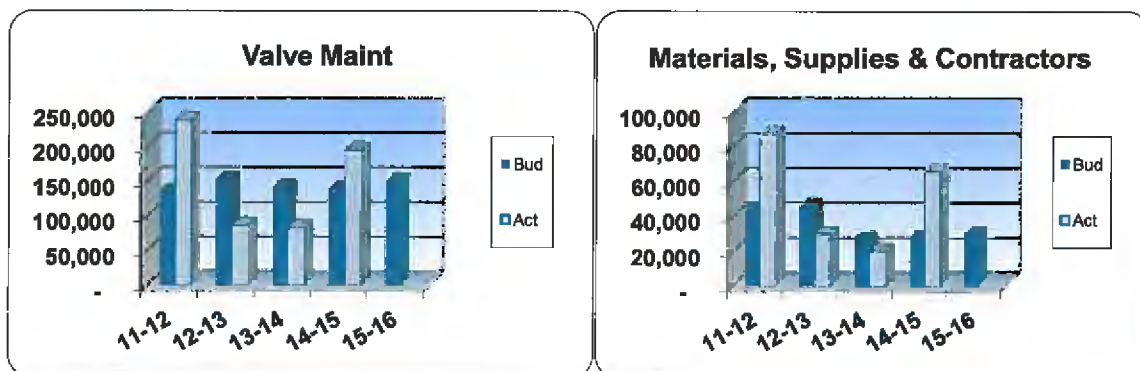
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	49,535	52,526	55,585
Fringe Benefits	47,851	50,686	48,415
Equipment Allocation	14,861	25,916	16,676
Materials & Supplies	21,000	65,966	23,000
Contract Services	7,000	190	7,000
<b>TOTAL EXPENSES</b>	<b>140,246</b>	<b>195,283</b>	<b>150,675</b>

\* Increased activity based upon pipeline replacement

**Materials/Supplies/Contract Services**

Inventory items (Valve Repairs 17 Loc )	20,000	-	20,000
Inspection	1,000	-	1,000
Paving	4,500	-	4,500
Compaction Tests	1,500	-	1,500
Materials/Other	1,000	-	1,000
Cold Mix and Class II Base			2,000
<b>Total</b>	<b>28,000</b>	<b>-</b>	<b>30,000</b>



**WATER DEPARTMENT**  
Distribution Program  
Job Detail

**TITLE:** Control Valve Maintenance

**JOB #:** 413

**DESCRIPTION:** L&M required to maintain and repair the pressure/flow control facilities.

**WORKLOAD:** As needed repairs.  
Routine valve maintenance on a 2 to 5 year cycle.

**EFFECTIVENESS:** Ensures that pressure/flow control facilities operate reliably and safely.  
Routine maintenance reduces the number of control valve failures, thereby reducing the number of pipeline failures, and extends the life of the system.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	1,910	-	1,706
Fringe Benefits	1,845	-	1,486
Equipment Allocation	573	-	512
Materials & Supplies	1,000	10,848	1,000
Contract Services	15,000	613	20,000
<b>TOTAL EXPENSES</b>	<b>20,328</b>	<b>11,461</b>	<b>24,704</b>

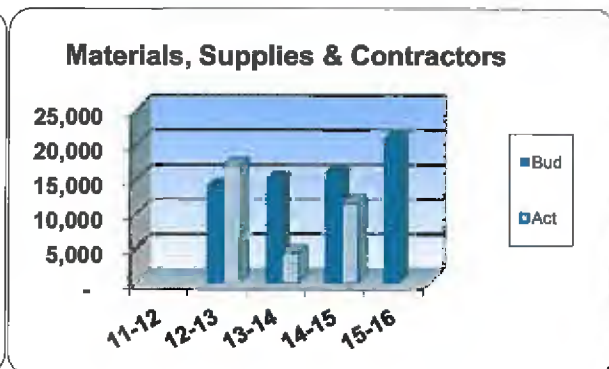
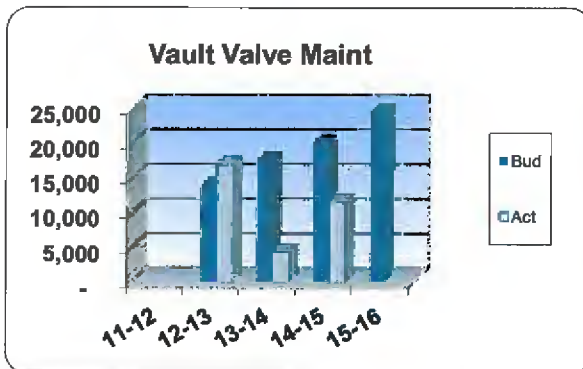
**Materials/Supplies/Contract Services**

Cla Valve Service	15,000	-	20,000
Equipment & Materials	500	-	1,000
Fencing/Vault Repair	500	-	

Total

**16,000**

**21,000**



**WATER DEPARTMENT**  
Distribution Program  
Job Detail

**TITLE:** Right-of-Way Maintenance

**JOB #:** 415

**DESCRIPTION:** L&M for annual inspection and maintenance of unpaved easements; includes rainy weather checking for stopped up culverts.

**WORKLOAD:** Somewhat predictable.  
Equipment allocation adjusted to 30% per history

**EFFECTIVENESS:** Provide traversable right-of-ways for maintenance and repair of District facilities and pipelines as required by the State Dept. of Health Services.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	25,516	27,205	41,706
Fringe Benefits	24,648	26,273	36,326
Equipment Allocation	7,655	8,470	12,512
Materials & Supplies	5,800	13,880	3,800
Contract Services	7,000	53	9,000
<b>TOTAL EXPENSES</b>	<b>70,619</b>	<b>75,881</b>	<b>103,344</b>

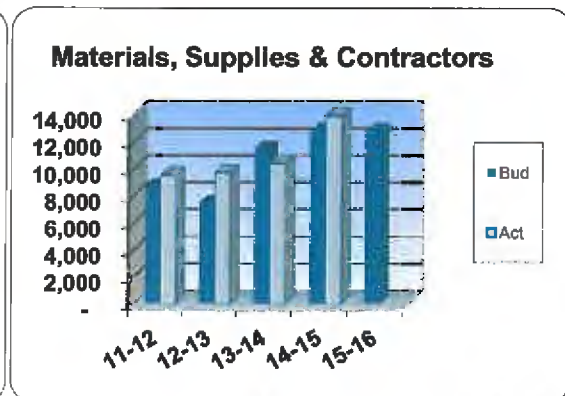
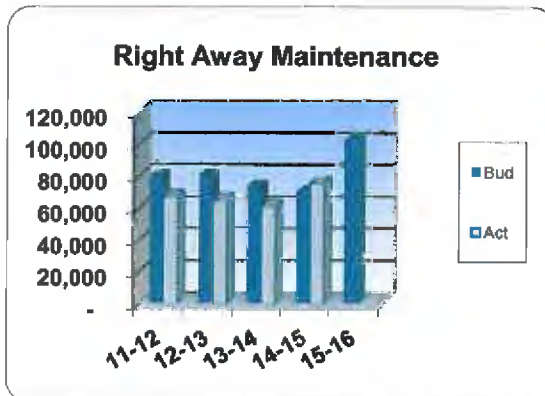
\* increased to maintain work schedules

**Materials/Supplies/Contract Services**

Fencing Repairs	2,000	-	2,000
Gates/keys/fencing	1,500	-	1,500
Cold Mix/Concrete/Pave	2,000	-	2,000
Grass/Fertilizer/Straw	500	-	500
Equip Rental	1,000	-	1,000
Other/culverts	1,800	-	1,800
Right-of_Way	4,000	-	4,000

Total

**12,800**      -      **12,800**



**WATER DEPARTMENT**  
Distribution Program  
Job Detail

**TITLE:** Repair Pump Stations

**JOB #:** 420

**DESCRIPTION:** L&M necessary to exercise, maintain and repair all water pump stations.

**WORKLOAD:** As needed.

**EFFECTIVENESS:** Provide a rapid response to repair pumps; maintain pump sites.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	14,141	14,865	15,005
Fringe Benefits	13,660	14,359	13,069
Equipment Allocation	2,333	3,685	2,476
Materials & Supplies	3,750	1,274	1,750
Contract Services	16,200	-	17,700
<b>TOTAL EXPENSES</b>	<b>50,084</b>	<b>34,183</b>	<b>50,000</b>

**Materials/Supplies/Contract Services**

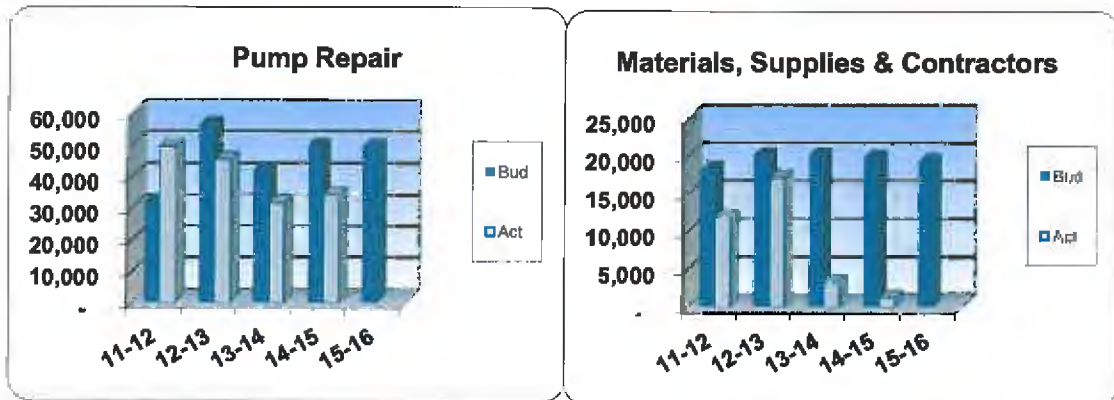
Motor Repair	2,700	-	2,700
Pump Repair	13,500	-	13,500
Electrical		-	
Equipment and Materials	1,000	-	1,000
Fencing Repairs	2,000	-	1,500
Inventory	750	-	750

Total

**19,950**

-

**19,450**



**WATER DEPARTMENT**  
Distribution Program  
**Job Detail**

**TITLE:** Pipeline Maintenance & Repair

**JOB #:** 421

**DESCRIPTION:** L&M to repair leaks.

**WORKLOAD:** As needed.  
Equipment allocation adjusted to 30% per history

**EFFECTIVENESS:** Provide a rapid 24-hour day response to repair leaks, preventing property damage and water loss.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	128,268	105,268	139,737
Fringe Benefits	123,907	101,689	121,711
Equipment Allocation	38,480	29,933	41,921
Materials & Supplies	58,500	65,109	58,500
Contract Services	25,000	7,922	25,000
<b>TOTAL EXPENSES</b>	<b>374,155</b>	<b>309,922</b>	<b>386,869</b>

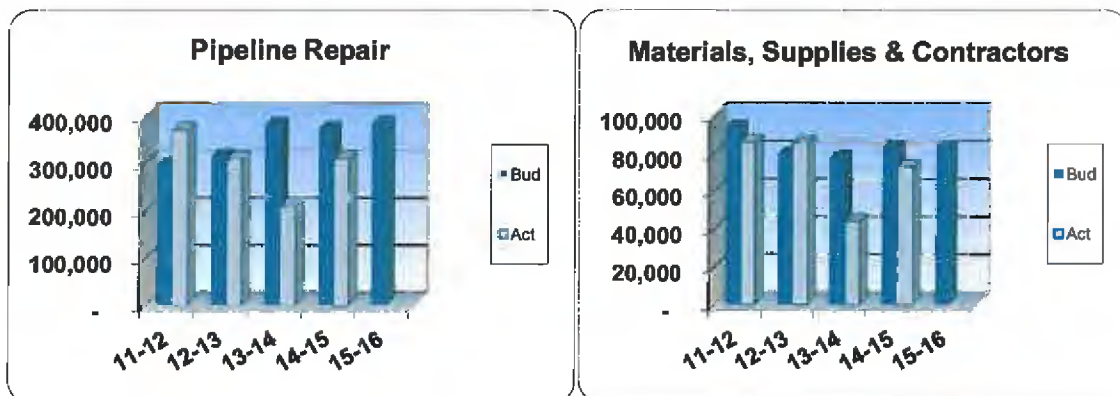
\* reflects necessary shift to capital work

**Materials/Supplies/Contract Services**

Inventory items (Pipe line repair)	35,000	-	35,000
Concrete/Rock	13,000	-	13,000
Paving/Inspections/SawCut	25,000	-	25,000
Other/Sidewalks/Fences/Mailboxes	7,500	-	7,500
Highline, Hose, Fittings	3,000	-	3,000

Total

**83,500**      -      **83,500**



**WATER DEPARTMENT**  
Distribution Program  
Job Detail

**TITLE:** Reservoir Repair

**JOB #:** 423

**DESCRIPTION:** L&M necessary to maintain reservoirs; minor welding, screen & roof maintenance, landscape maintenance, and cathodic protection.

**WORKLOAD:** Predictable; daily inspections.

**EFFECTIVENESS:** Respond to maintain, inspect and repair as needed.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	5,553	604	6,085
Fringe Benefits	5,364	584	5,300
Equipment Allocation	916	340	1,004
Materials & Supplies	4,100	3,662	2,100
Contract Services	23,700	726	26,200
<b>TOTAL EXPENSES</b>	<b>39,633</b>	<b>5,916</b>	<b>40,689</b>

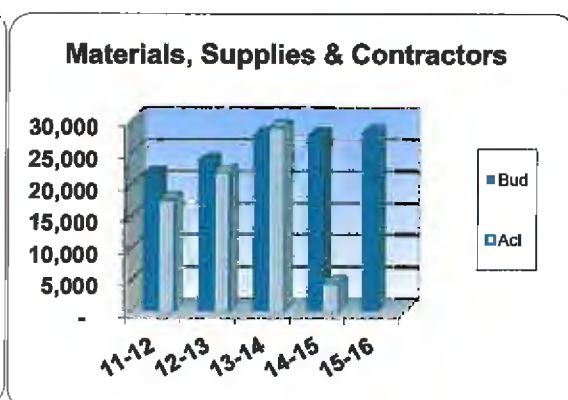
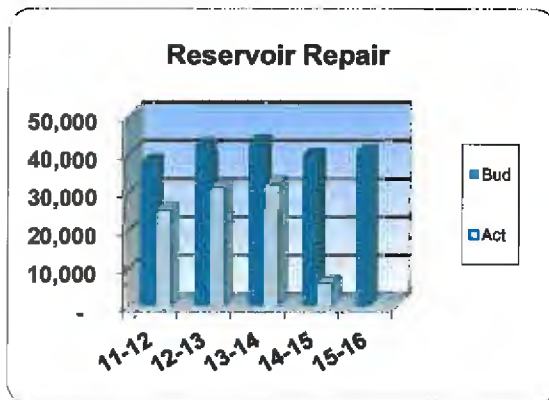
\* reflects shift to other repairs /capital work

**Materials/Supplies/Contract Services**

DWR Dam Fees	16,000	-	16,000
Dive/inspect	1,200	-	1,200
Repair Jobs	1,500	-	1,500
Fencing Repairs	500	-	500
Cathodic Protection	2,500	-	2,500
Tree & Brush Removal	4,000	-	4,500
Decholation Equipment & Supplies	500	-	500
Equipment & Material	1,600	-	1,600

Total

**27,800**      -      **28,300**





**WATER DEPARTMENT**  
Distribution Program  
**Job Detail**

**TITLE:** Fire Hydrant Repairs

**JOB #:** 430

**DESCRIPTION:** L&M required to repair fire hydrants.

**WORKLOAD:** As needed.  
Equipment allocation adjusted to 30% per history

**EFFECTIVENESS:** Provide response to broken fire hydrant. Work with North County Fire Protection District (NCFPD) making timely repairs and restoring service as soon as possible.

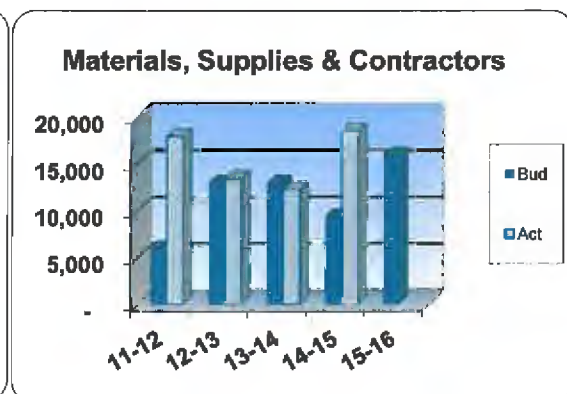
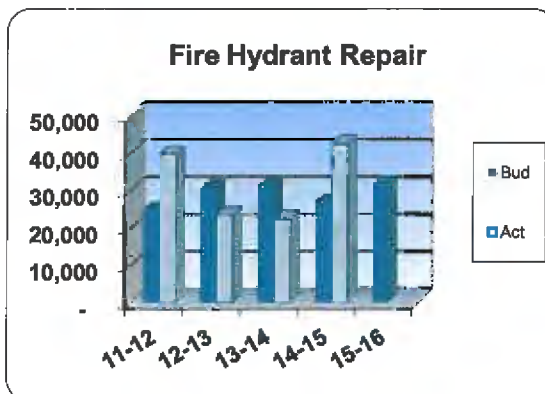
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	7,795	9,985	7,300
Fringe Benefits	7,530	9,645	6,358
Equipment Allocation	2,339	4,263	2,190
Materials & Supplies	7,000	18,525	15,000
Contract Services	2,500	-	1,000
<b>TOTAL EXPENSES</b>	<b>27,163</b>	<b>42,418</b>	<b>31,848</b>

\* increased activity

**Materials/Supplies/Contract Services**

Inventory Item Parts	7,000	-	7,000
Replace 2 FH Deluz	1,500	-	8,000
Paving & Concrete	1,000	-	1,000
Other		-	
<b>Total</b>	<b>9,500</b>	<b>-</b>	<b>16,000</b>



**WATER DEPARTMENT**  
**Distribution Program**  
**Job Detail**

**TITLE:** Maintenance of Pala Mesa Right-of-Way

**JOB #:** 440

**DESCRIPTION:** O&M to maintain Pala Mesa Right-of-Way.

**WORKLOAD:** Shared with Rainbow Municipal Water District.

**EFFECTIVENESS:** Routinely inspect and repair this right-of-way as needed.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	1,126	-	1,263
Fringe Benefits	1,088	-	1,100
Equipment Allocation	186	-	208
Materials & Supplies	200	-	200
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>2,600</b>	<b>-</b>	<b>2,771</b>

**Materials/Supplies/Contract Services**

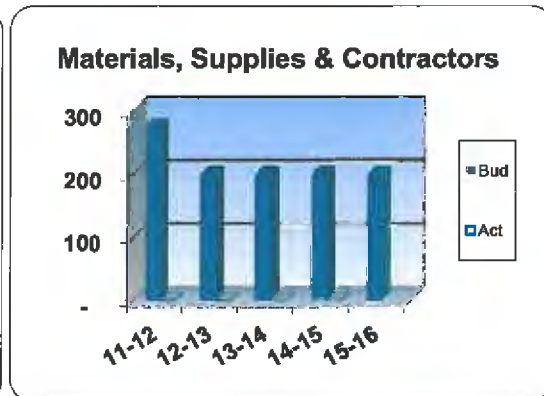
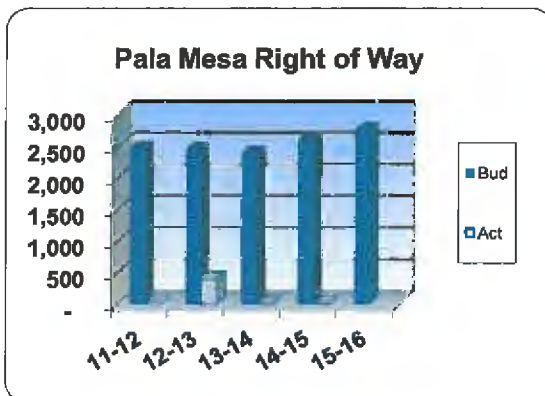
Erosion Control Materials	200	-	200
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Total

**200**

**-**

**200**



**WATER DEPARTMENT**  
Distribution Program  
Job Detail

**TITLE:** Telemetry & Base Radio Equipment

**JOB #:** 479

**DESCRIPTION:** Maintenance of Telemetry System and maintenance of radio equipment not mounted in vehicles.

**WORKLOAD:** As needed.

**EFFECTIVENESS:** Provide response to needed repairs and maintenance usually outside services.

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	31,836	10,695	35,945
Fringe Benefits	30,754	10,331	31,308
Equipment Allocation	5,253	1,444	5,931
Materials & Supplies		-	20,000
Contract Services	48,000	39,764	32,000
<b>TOTAL EXPENSES</b>	<b>115,843</b>	<b>62,234</b>	<b>125,184</b>

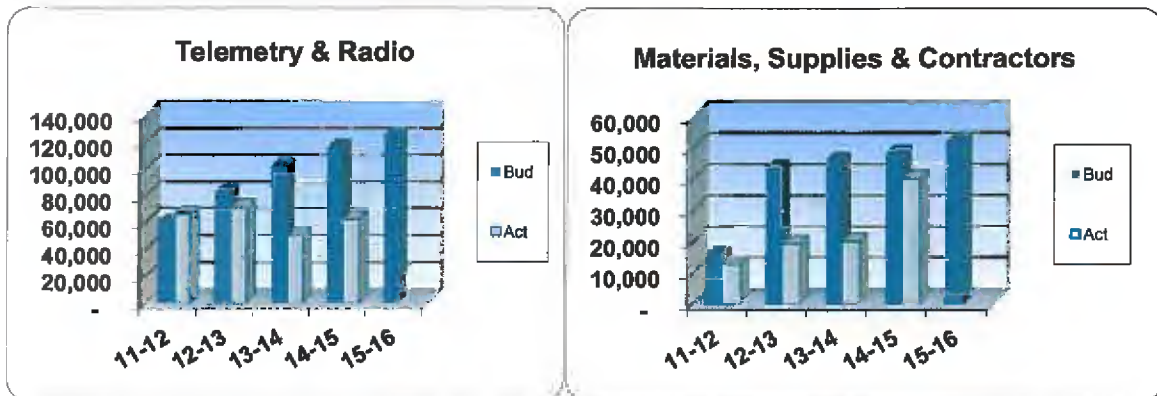
\*unfilled ICS position, work shifted to 15-16

**Materials/Supplies/Contract Services**

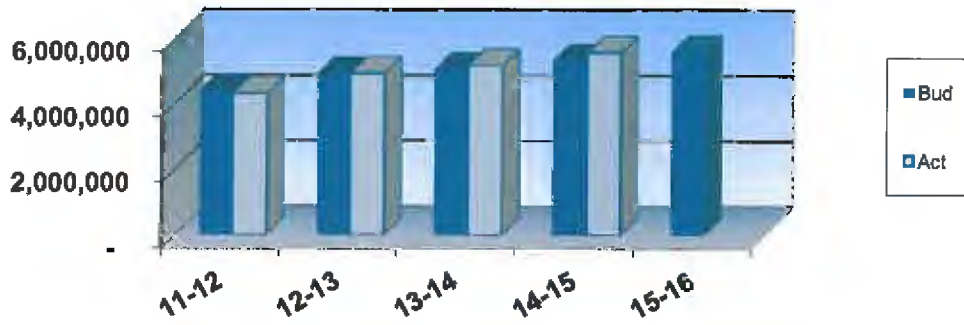
Telemetry & SCADA Support/Software	28,000	-	30,000
Telemetry & SCADA Hardware	18,000	-	20,000
Tree & Brush Removal	2,000	-	2,000

Total

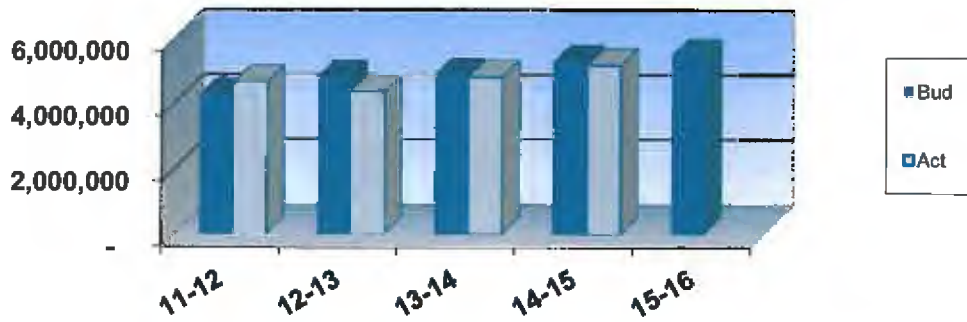
**48,000      -      52,000**



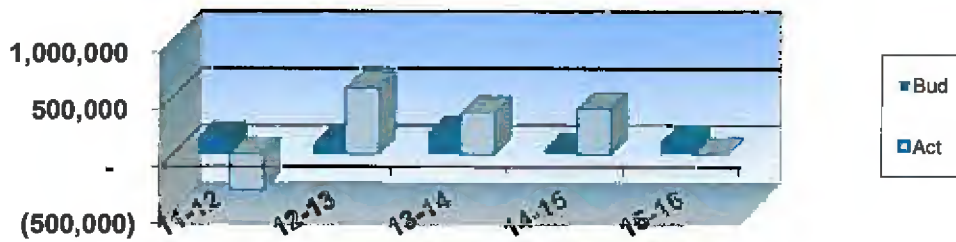
### Wastewater Dept Revenues



### Wastewater Dept Expenses



### Wastewater Net Revenues



## WASTEWATER DEPARTMENT

### Budget Summary

#### Department Mission

Collect, treat, and dispose of sewage within the established Fallbrook Improvement District "S" service area in compliance with permits issued by the Regional Water Quality Control Board.

#### Wastewater Dept. Budget Summary

	2014-15 Budget	2014-15 Est. Actual	2015-16 Budget
<b>Revenues</b>			
Service Charges	5,349,792	5,581,200	5,634,832
Class A Biosolids Sales	100	100	100
Sundry	1,000	4,081	1,000
<b>Total Revenues</b>	<b>5,350,892</b>	<b>5,585,381</b>	<b>5,635,932</b>
<b>Expenses</b>			
Collection	1,010,747	936,394	1,032,724
Treatment	864,441	973,384	918,707
Disposal/Regulatory Compliance	895,780	875,069	944,576
Allocated Admin Expenses	1,857,681	1,728,854	1,937,618
Debt Service Transfer	671,054	671,054	682,528
<b>Total Expenses</b>	<b>5,299,703</b>	<b>5,184,756</b>	<b>5,516,153</b>
<b>Net Revenue/(Expense)</b>	<b>51,189</b>	<b>400,626</b>	<b>119,779</b>
<b>Beginning Fund Balance</b>	<b>1,534,053</b>	<b>519,600</b>	<b>920,226</b>
<b>Ending Fund Balance</b>	<b>1,585,242</b>	<b>920,226</b>	<b>1,040,005</b>
<b>EQUITY REQUIREMENTS</b>			
Working Capital	1,157,162	1,157,162	1,208,406
Emergency Repair	250,000	250,000	250,000
<b>Total Equity Required</b>	<b>1,407,162</b>	<b>1,407,162</b>	<b>1,458,406</b>
<b>Unappropriated Funds</b>	<b>178,080</b>	<b>(486,936)</b>	<b>(418,401)</b>

**WASTEWATER DEPARTMENT**  
**Revenue Program**

**Program Purpose & Scope**

Develop sufficient revenue to pay for the operation and maintenance costs of the Department in a manner that ensures equity among all classes of service.

**Revenue Objectives**

- \* Recover 100% of operating expenses through a fixed service charge.
- \* Transfer \$393,928 to solar debt service for SDG&E offset beginning FY 11-12 and escalating with SDG&E's actual rate increases.
- \* Transfer \$288,600 to the SRF debt for the Wastewater Treatment Plant rehab
- \* Transfer any net revenues in excess of appropriated fund balance to capital fund to help fund needed capital improvements.

<b>Program Budget</b>	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Revenues</b>			
Service Charges	\$5,349,792	\$5,581,200	\$5,634,832
Class A Biosolids Sales	100	100	100
Other	<u>1,000</u>	<u>4,081</u>	<u>1,000</u>
Total Revenues	\$5,350,892	\$5,619,409	\$5,635,932

**Service Charges**

The imposition of increasingly stringent regulations coupled with court determined interpretations of permits during the past seven years demand that the collection program continue to meet the "no tolerance" attitude of the Regional Water Quality Control Board (RWQCB) and the court system with regard to sewer spills. The budget provides for continued effort to be expended in the collection system throughout the year, especially FOG, and increases in plant operation.

During FY 10-11 the District secured a QECB, Qualified Energy Conservation Bond, to build a 1 megawatt solar facility at the wastewater treatment plant. The project is complete and operational as of July 2011. Each fiscal year this project will generate approximately \$350,000 savings in payments to SDG&E. This \$350,000 will be transferred to the QECB debt fund for payment of annual principal and interest payments. The \$350,000 will be inflated by the expected increases in SDG&E rates of approximately 3% per year. For FY 15-16 the amount budgeted to be transferred to the QECB debt is \$393,928.

Beginning FY 09-10 a new sewer rate methodology was implemented with the goal of charging customers more equitably than a simple flat rate. For single family residences, the methodology began with finding each customer's lowest monthly water usage during the winter period of November through March. We have assumed that 90% of this winter water use is returned to the sewer system. For FY 15-16, a single family residence will have a fixed monthly wastewater bill based on 90% of the lowest month of winter water usage from November 2014 through March 2015. For winter of 2014-2015, the median minimum monthly water usage remained at 5 units of water. For those customers at the median of 5, the monthly bill will be \$51.18, up by \$2.69 or 5.6% over the same median 5 customer from FY 14-15. Rates for all single family customers were \$45.96 in FY 08-09. The driving factor in the increase in sewer rates are the water usage restrictions set to begin July 1, 2015. These

restrictions will decrease influent into the Wastewater Treatment Plant however; costs to treat the wastewater remain fairly constant if plant influent flow decreases by 10% as is budgeted.

A cap of 18 units of water usage will apply to recognize that with larger lot sizes more water is being used for outdoor irrigation and less water being returned to the sewer. Data indicates that customers with larger lots had a median usage of 5 units/month in the lowest winter water month, for the past four years. Volume and strength of sewage was integrated into the model in order to calculate a commodity charge of \$8.21 per unit of sewage being returned to the system, an increase of \$.57 over FY 14-15. A fixed charge of \$14.23, an increase of \$.13 was also calculated recognizing that fixed costs to collect, treat and dispose of wastewater exists regardless of the volume treated. The table below summarizes the impact to a single family customer based on winter minimum consumption. This structure is also meant to encourage our single family customers to reduce their winter consumption since that would directly reduce their following year's sewer charge.

Fallbrook, CA  
Sample Bill Calculations

Cap Currently set at 18													
Single Family - FY 14-15 (current year)							Single Family - FY 15-16 (current year)						
Consumption (1,000 gal)	RTS	Sewer Flow	Fixed Charge	Commodity Rate	Consumption		Fixed Charge	Commodity Rate	Consumption Chg	Total Bill	% increase		
					Rate	Charge						Total Bill	
0	90%	0.0	\$ 14.10	\$ 7.64	\$ -	\$ 14.10	\$ 14.23	\$ 8.21	\$ -	\$ 14.23	0.9%		
1	90%	0.9	\$ 14.10	\$ 7.64	\$ 6.88	\$ 20.98	\$ 14.23	\$ 8.21	\$ 7.39	\$ 21.62	3.1%		
2	90%	1.8	\$ 14.10	\$ 7.64	\$ 13.75	\$ 27.85	\$ 14.23	\$ 8.21	\$ 14.78	\$ 28.01	4.1%		
3	90%	2.7	\$ 14.10	\$ 7.64	\$ 20.63	\$ 34.73	\$ 14.23	\$ 8.21	\$ 22.17	\$ 36.40	4.8%		
4	90%	3.6	\$ 14.10	\$ 7.64	\$ 27.51	\$ 41.61	\$ 14.23	\$ 8.21	\$ 29.57	\$ 43.79	5.2%		
5	90%	4.5	\$ 14.10	\$ 7.64	\$ 34.39	\$ 48.49	\$ 14.23	\$ 8.21	\$ 36.96	\$ 51.18	5.6%		
6	90%	5.4	\$ 14.10	\$ 7.64	\$ 41.28	\$ 55.36	\$ 14.23	\$ 8.21	\$ 44.35	\$ 58.57	5.8%		
7	90%	6.3	\$ 14.10	\$ 7.64	\$ 48.14	\$ 62.24	\$ 14.23	\$ 8.21	\$ 51.74	\$ 65.97	6.0%		
8	90%	7.2	\$ 14.10	\$ 7.64	\$ 55.02	\$ 69.12	\$ 14.23	\$ 8.21	\$ 59.13	\$ 73.36	6.1%		
9	90%	8.1	\$ 14.10	\$ 7.64	\$ 61.90	\$ 75.99	\$ 14.23	\$ 8.21	\$ 66.52	\$ 80.75	6.3%		
10	90%	9.0	\$ 14.10	\$ 7.64	\$ 68.77	\$ 82.87	\$ 14.23	\$ 8.21	\$ 73.91	\$ 88.14	6.4%		
11	90%	9.9	\$ 14.10	\$ 7.64	\$ 75.65	\$ 89.75	\$ 14.23	\$ 8.21	\$ 81.31	\$ 95.53	6.4%		
12	90%	10.8	\$ 14.10	\$ 7.64	\$ 82.53	\$ 96.63	\$ 14.23	\$ 8.21	\$ 88.70	\$ 102.92	6.5%		
13	90%	11.7	\$ 14.10	\$ 7.64	\$ 89.41	\$ 103.50	\$ 14.23	\$ 8.21	\$ 96.09	\$ 110.31	6.6%		
14	90%	12.6	\$ 14.10	\$ 7.64	\$ 96.28	\$ 110.38	\$ 14.23	\$ 8.21	\$ 103.48	\$ 117.71	6.6%		
15	90%	13.5	\$ 14.10	\$ 7.64	\$ 103.16	\$ 117.26	\$ 14.23	\$ 8.21	\$ 110.87	\$ 125.10	6.7%		
16	90%	14.4	\$ 14.10	\$ 7.64	\$ 110.04	\$ 124.14	\$ 14.23	\$ 8.21	\$ 118.26	\$ 132.49	6.7%		
17	90%	15.3	\$ 14.10	\$ 7.64	\$ 116.91	\$ 131.01	\$ 14.23	\$ 8.21	\$ 125.65	\$ 139.88	6.8%		
18	90%	16.2	\$ 14.10	\$ 7.64	\$ 123.79	\$ 137.89	\$ 14.23	\$ 8.21	\$ 133.05	\$ 147.27	6.8%		

All other customers (primarily commercial) will be charged a fluctuating rate based upon the water sold to that customer each month. Varying Return to Sewer (RTS) percentages have been set up to accommodate appeals made by those who do not typically return 90% of water sold to the sewer system (ie those who irrigate outdoors or who use water in a business process, such as a Coca Cola bottling plant). Beginning in FY 12-13 RTS categories were added so that they will all be at 10% intervals which will allow more customers to fall into a lower RTS especially with reduced outdoor watering. Additionally, commercial customers have been classified as low, medium or high strength based upon industry standards and SIC codes. Low strength is equivalent to the strength of wastewater discharged by a single family residence. High strength is reserved for stand alone restaurants. Strip malls which have food services are considered medium strength as the blending of high and low strength wastewater occurs. As the strength increases, so does the cost to treat the sewage. The commodity rate for low strength goes from \$7.64 per unit returned to the sewer to \$8.21 a \$.57 increase. Medium strength goes from \$11.54 to \$12.35 and high strength goes from \$19.35 to \$20.63 per unit.

Six Equivalent Dwelling Units (EDU's) were added to the system as of April 2015. We have budgeted for four connections to be added during the budget year due.

The 1% Tax Takeaway surcharge was eliminated as of February 1, 2007 two years after its emergency implementation. Should the State of California permanently shift property taxes from the District, a budget amendment will be brought to the Board which will include reimplementing of the Tax Takeaway surcharge. 1% property taxes are used to pay wastewater debt service.

### Wastewater Capital Improvement Charge

The facilities at the Wastewater Treatment Plant have been in existence since the late 1980's with no significant repairs or replacement. The District did not have the funding available to invest in the treatment plant due to the significant Certificates of Participation (COP) debt. All non-operating sources of revenue were pledged and used for debt repayment. The COP debt was repaid in FY 10-11. The Wastewater Treatment Plant is currently undergoing the approximately \$28 million rehab and it has been operational throughout construction. The District has been approved for low cost state funds through the State Revolving Fund. The 20 year loan bears interest of 2.2% and has an annual debt service payment of \$1.767 million. Improvement District "S" 1% property taxes account for about one half of the required debt service. In order to pay debt service staff is recommending a FY 15-16 Wastewater Capital Improvement charge of \$10.70 per Equivalent Dwelling Unit (EDU), a \$.26 increase and will generate approximately \$1,075,000 to be pledged to pay the SRF debt service and sewer capital improvement charges.

### Sample Bill

For an average Domestic customer using 15 units (15,000) gallons of water and whose median usage remains at 5 units, the overall bill is estimated to increase \$8.57 or 4.7%.

<b>CY 16 Customer Impact</b>		
<b>Domestic 3/4" meter using 15 units/month</b>		
<b>(5 units winter use)</b>		
	<b>Current</b>	<b>Proposed</b>
<b>Service Chg</b>	<b>38.10</b>	<b>39.24</b>
<b>1st 5 kgal (Tier 1)</b>	<b>21.90</b>	<b>23.30</b>
<b>Tier 2 usage</b>	<b>48.20</b>	<b>51.30</b>
<b>Tier 3</b>	<b>-</b>	<b>-</b>
<b>RTS</b>	<b>4.26</b>	<b>4.00</b>
<b>IAC</b>	<b>2.70</b>	<b>2.77</b>
<b>Capital Improvemer</b>	<b>8.59</b>	<b>9.06</b>
	<b>123.75</b>	<b>129.67</b>
<b>Total Water Bill Impact</b>		<b>\$ 5.92</b>
<b>% Impact</b>		<b>4.8%</b>
	<b>Current</b>	<b>Proposed</b>
<b>Sewer Svc</b>	<b>48.49</b>	<b>51.18</b>
<b>Capital Improvemer</b>	<b>10.44</b>	<b>10.70</b>
<b>Tax Takeaway</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Sewer</b>	<b>58.93</b>	<b>61.88</b>
<b>Sewer Bill Impact</b>		<b>\$ 2.95</b>
<b>Combined Impact</b>		<b>\$8.87</b>
<b>Impact as a percentage</b>		<b>4.9%</b>



**Per Generally Accepted Accounting Principles (GAAP), at the end of the fiscal year, any net revenues or net expenses roll into the Ending Equity/Fund Balance accounts separately and distinctly for each operating entity.**

**WASTEWATER DEPARTMENT**  
Collection Program

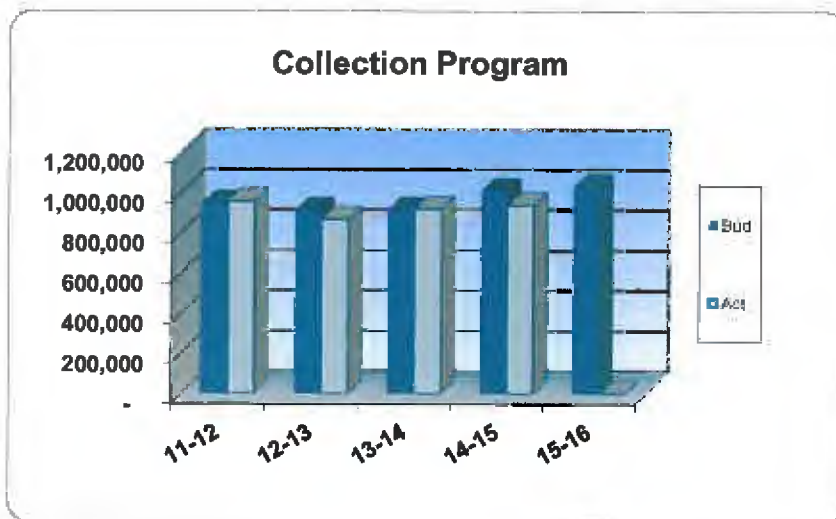
**Program Purpose & Scope:** Program provides collection of wastewater from residences & businesses throughout the 4500 acre sewer service area of the community of Fallbrook and, transportation to the Treatment Plant. Program includes all expenses related to routine maintenance and emergency repairs to the gravity collection system and six lift stations.

**Level of Service Standards:**

- Maintain unobstructed flow in the gravity collection system through a scheduled monitoring and flushing program.
- Provide preventive maintenance on the six lift stations to ensure reliable unattended operation
- Respond to emergencies to minimize raw sewage spills and restore system to proper operation.
- Maintain rights-of-way over and around district facilities.

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	307,625	284,039	323,099
Fringe Benefits	297,166	274,195	281,419
Equipment Allocation	157,926	223,700	165,876
Materials & Supplies	70,900	49,317	74,800
Contract Services	177,130	105,143	187,530
<b>TOTAL EXPENSES</b>	<b>1,010,747</b>	<b>936,394</b>	<b>1,032,724</b>



**WASTEWATER DEPARTMENT**  
Collection Program  
Job Detail

**TITLE:** Collection System Mains

**JOB #:** 810

**DESCRIPTION:** All costs to maintain, clean, install, repair & replace mains varying in size from 4" to 24" using vitrified clay pipe, ductile iron and PVC. Includes applying root control chemicals excavation, repair, and cleaning . Includes monthly scheduled inspections, the repair and installation of new pipe and removal of stoppages.

**WORKLOAD:** Monthly scheduled inspection. Emergency repair and replacement. Equipment allocation adjusted to 40% per history

**EFFECTIVENESS:** Reduce unscheduled maintenance and repair. Avoid overflows.

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	31,253	30,371	33,062
Fringe Benefits	30,190	29,339	28,797
Equipment Allocation	12,501	17,627	13,225
Materials & Supplies	22,900	14,896	22,900
Contract Services	33,330	17,338	33,330
<b>TOTAL EXPENSES</b>	<b>130,175</b>	<b>109,571</b>	<b>131,314</b>

**Materials/Supplies/Contract Services**

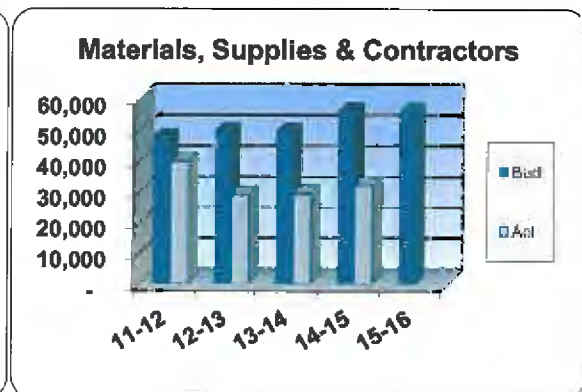
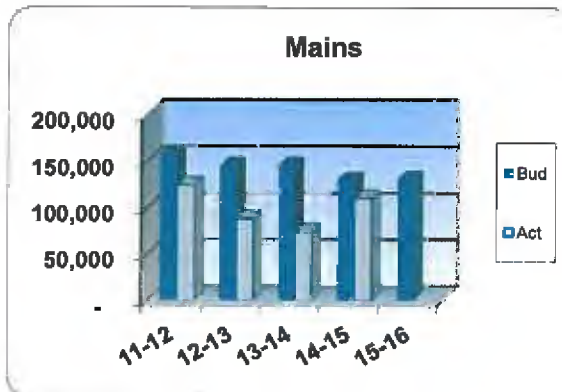
Smartcovers-Ann Svc fee & batteries	15,400	-	15,400
Inspections/Pave/Compaction	17,930	-	17,930
Root Control	10,000	-	10,000
Carbon Filters	1,400	-	1,400
Other/Non Inventory	1,500	-	1,500
Inventory	500	-	500
Smoke Bombs , Door Hanger	500	-	-
Repair Part Smart Covers	9,000	-	9,500

Total

**56,230**

**-**

**56,230**



**WASTEWATER DEPARTMENT**  
Collection Program  
Job Detail

**TITLE:** Collection System Laterals

**JOB #:** 811

**DESCRIPTION:** All cost related to laterals including inspection with lateral camera, maintaining trouble spots with small drain cleaning machine and root control chemicals.

**WORKLOAD:** Prevent private spills to meet WDR requirements  
Equipment allocation adjusted to 30% per history

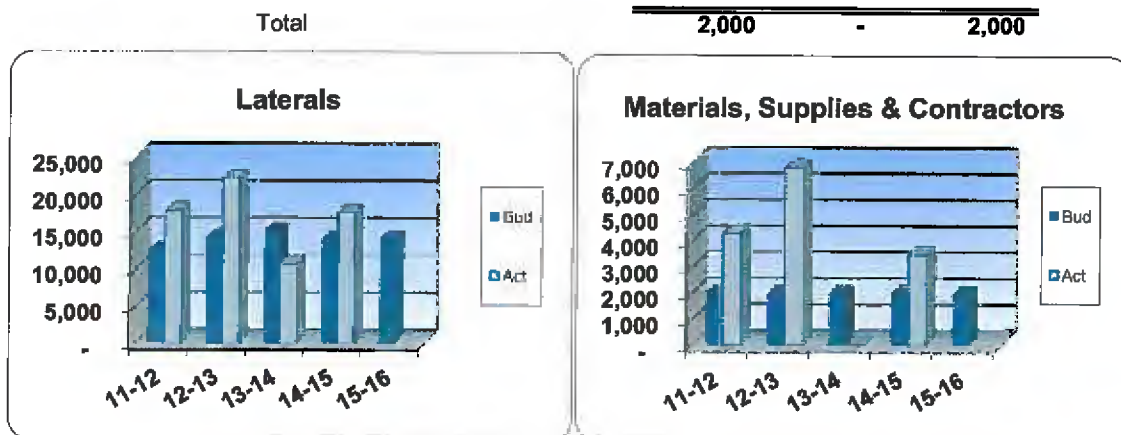
**EFFECTIVENESS:** Upgrading services and repairs to district side laterals.

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
Labor	5,333	5,846	5,649
Fringe Benefits	5,152	5,647	4,920
Equipment Allocation	1,600	2,709	1,695
Materials & Supplies	2,000	3,474	2,000
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>14,085</b>	<b>17,677</b>	<b>14,264</b>

**Materials/Supplies/Contract Services**

Inventory Items		-	
Root Control	2,000	-	2,000
<b>Total</b>	<b>2,000</b>	<b>-</b>	<b>2,000</b>



**WASTEWATER DEPARTMENT**  
Collection Program  
**Job Detail**

**TITLE:** Collection System Manhole/Clean-outs

**JOB #:** 812

**DESCRIPTION:** All costs related to cleaning, vacuuming and installing cleanouts, making usual inspections for repairs, cleanouts, box replacements and pop offs. Respond to overflows, dig up and excavate cleanouts to remove problem areas. Excavate around manholes to remove roots or stop leaks.

**WORKLOAD:** Flushing and cleaning with flush truck or sewer rodder truck- scheduled or call outs. Equipment allocation adjusted to 35% per history.

**EFFECTIVENESS:** Prevent stoppages and eliminate odors.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	43,663	36,032	45,024
Fringe Benefits	42,178	34,807	39,216
Equipment Allocation	15,282	18,450	15,758
Materials & Supplies	7,500	2,037	6,000
Contract Services	5,700	2,095	7,200
<b>TOTAL EXPENSES</b>	<b>114,324</b>	<b>93,421</b>	<b>113,198</b>

**Materials/Supplies/Contract Services**

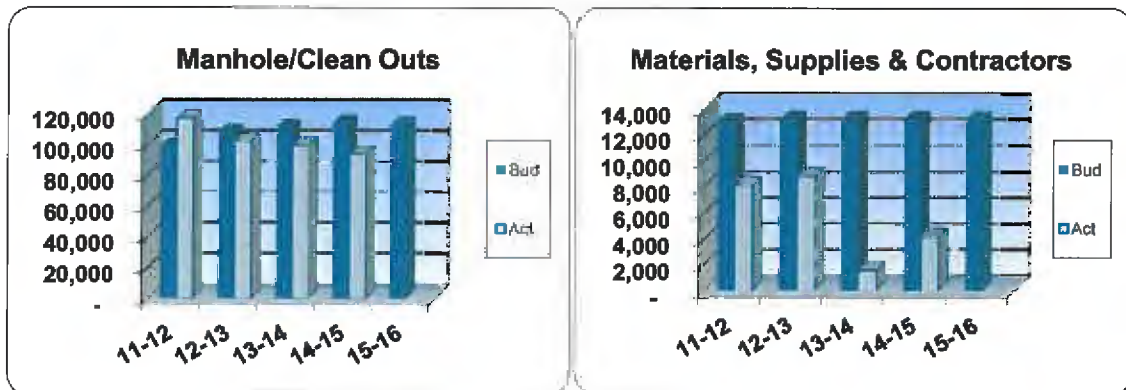
Pave/Compact	2,500	-	2,500
Riser Rings	2,000	-	2,000
Rainguards/Shoring	1,500	-	1,500
Install M/H, Frames & Lids	3,000	-	3,000
Other/inventory	2,500	-	2,500
Backflow	1,500	-	1,500
Underground Service Alerts	200	-	200

Total

**13,200**

-

**13,200**



**WASTEWATER DEPARTMENT**  
Collection Program  
Job Detail

**TITLE:** Collection System Pump Station Ops

**JOB #:** 813

**DESCRIPTION:** All costs related to the operation of pumping stations: Shady Lane, Debby Street, Hawthorne, Anthony's Corner, Plant 2 Lift Station and Green Canyon. Includes costs incurred in general lift station rounds such as manually operating pumps, backflushing pumps, cleaning & changing filters, checking electrical, testing controls, adding degreaser to wet well, checking sump pump, operating & monitoring gas detector, hooking up emergency generator, and general cleaning & landscaping.

**WORKLOAD:** Check and inspect lift stations for efficiently pumping wastewater to treatment facilities. Equipment allocation adjusted to 35% per history.

**EFFECTIVENESS:** Provides continuous and efficient pumping of wastewater to treatment facilities.

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	31,693	35,488	34,856
Fringe Benefits	30,615	34,256	30,360
Equipment Allocation	11,093	15,890	12,200
Materials & Supplies		2,027	
Contract Services	86,800	85,601	97,200
<b>TOTAL EXPENSES</b>	<b>160,201</b>	<b>173,262</b>	<b>174,815</b>

**Materials/Supplies/Contract Services**

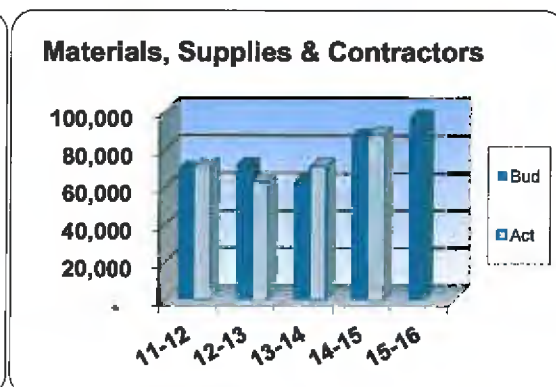
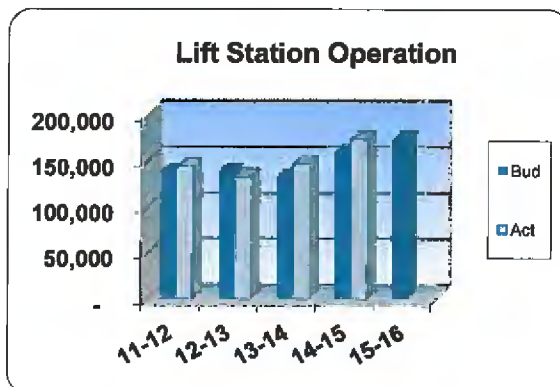
Power	85,000	-	95,000
Materials		-	
Other		-	
Potable Toilet @ Anthony's	1,800	-	2,200

Total

**86,800**

-

**97,200**



**WASTEWATER DEPARTMENT**  
Collection Program  
Job Detail

**TITLE:** Collection System Cleaning

**JOB #:** 814

**DESCRIPTION:** All costs related to flushing District mainlines, manholes, drain lines & catch basins at Plant 1. Completion of monthly work orders. Overflow response and clean up. Regular maintenance and vacuuming grit from mainlines and manholes.

**WORKLOAD:** Cleaning mainlines and all other facilities necessary. Checking trouble spots throughout collections system. Allows for 2-4 man crew on a flushing job at all times for proper traffic control. Equipment allocation adjusted to 75% per history.

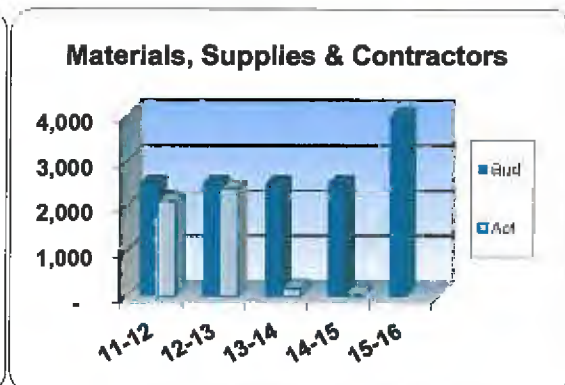
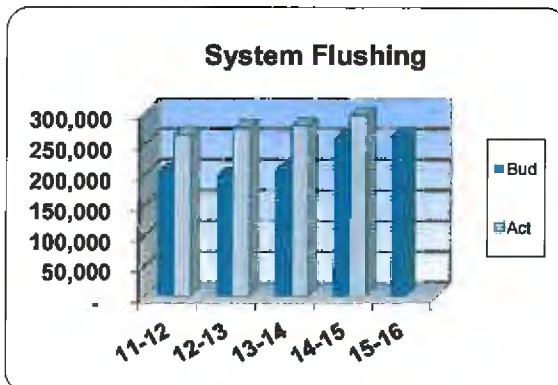
**EFFECTIVENESS:** Reduces problems with collections system and controls potential odors. Reduces emergency call-out overtime through proper preventative maintenance.

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	93,876	96,338	99,346
Fringe Benefits	90,684	92,929	86,530
Equipment Allocation	70,407	105,778	74,510
Materials & Supplies	2,500	39	4,000
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>257,467</b>	<b>295,085</b>	<b>284,386</b>

**Materials/Supplies/Contract Services**

Supplies		-	
Nozzles	2,000	-	3,500
Sand Traps	500	-	500
Other		-	
<b>Total</b>	<b>2,500</b>	<b>-</b>	<b>4,000</b>



**WASTEWATER DEPARTMENT**  
Collection Program  
**Job Detail**

**TITLE:** Collection System Right-of-Way Maintenance

**JOB #:** 815

**DESCRIPTION:** All costs related to maintenance of easements for mainlines, cleanouts, and manholes. Includes road repair and use of decomposed granite and rock for safe travel and convenience.

**WORKLOAD:** Maintain easements and right-of-way by clearing weeds and heavy brush in order to get to possible problem, and perform needed road maintenance. 1-2 men needed with equipment as well as crew for road repair. Equipment allocation adjusted to 75% per history.

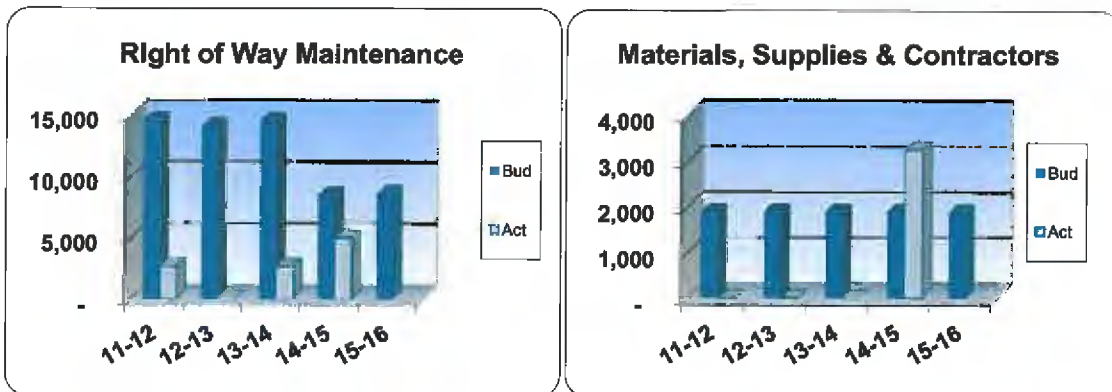
**EFFECTIVENESS:** To allow proper vehicle access and prevent rapid foliage growth at and around District appurtenances.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	2,442	690	2,586
Fringe Benefits	2,359	667	2,252
Equipment Allocation	1,832	396	1,940
Materials & Supplies	900	3,240	900
Contract Services	1,000	-	1,000
<b>TOTAL EXPENSES</b>	<b>8,532</b>	<b>4,993</b>	<b>8,678</b>

**Materials/Supplies/Contract Services**

Materials	400	-	400
Rock	500	-	500
Paving		-	
Debris Clearing	1,000	-	1,000
Other		-	
<b>Total</b>	<b>1,900</b>	<b>-</b>	<b>1,900</b>





## WASTEWATER DEPARTMENT

Collection Program

### Job Detail

**TITLE:** Collection System Pump Station Maintenance

**JOB #:** 816

**DESCRIPTION:** All costs related to the maintenance & repair of lift stations: Green Cryn, Shady Ln, Hawthorne, Debbie St., Plant 2 and Anthony's Corner. Follow monthly work orders. Cleaning and repair of wet wells, clean & inspect pumps, motors, pipelines. Repair & replace controllers, pumps, motors & pipelines. Maintain and repair force mains, airvacs and blowoffs.

**WORKLOAD:** Clean & inspect, replace & repair pumps, motors & controllers. Maintain wastewater pump stations. Vacuum clear all debris & clean out wet wells. Monitor & trim trees & brush for access. Provide traffic control when nec. Equipment allocation adjusted to 50% per history.

**EFFECTIVENESS:** During current year an abnormal amount of work to relocated all electrical and to rebuild most pumps and motors.

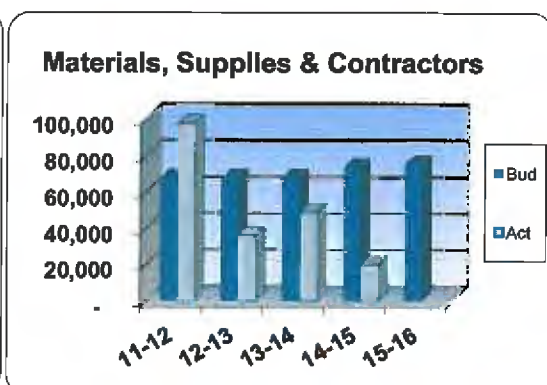
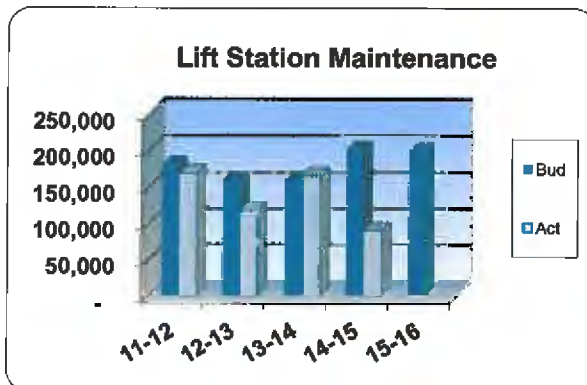
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	52,217	26,947	52,602
Fringe Benefits	50,442	26,031	45,816
Equipment Allocation	26,109	16,558	26,301
Materials & Supplies	30,600	20,112	32,500
Contract Services	43,000	109	43,000
<b>TOTAL EXPENSES</b>	<b>202,367</b>	<b>89,757</b>	<b>200,219</b>

\* redirection of activity is consistent with history

**Materials/Supplies/Contract Services**

Degreaser	4,100	-	6,000
Rebuild Motors (2)	10,000	-	10,000
Pump Repairs	31,000	-	31,000
Rebuild Seals	2,000	-	2,000
Sm Pump replacement	3,500	-	3,500
Bioxide	23,000	-	23,000
Other		-	
<b>Total</b>	<b>73,600</b>	<b>-</b>	<b>75,500</b>



**WASTEWATER DEPARTMENT**  
Collection Program  
Job Detail

**TITLE:** Collection System Unscheduled Repairs

**JOB #:** 817

**DESCRIPTION:** All costs related to emergency repairs or changes that need to be made by collections or operations. All pipe & pump repairs in District. Emergency clean up or repairs, mowing or weed abatement. Cleaning creek, unloading pipe, hauling & dumping.

**WORKLOAD:** Unscheduled repair on lift stations & collections system. Equipment allocation adjusted to 50% per history.

**EFFECTIVENESS:** To avoid overflows and permit violations as well as maintain personnel & public health & safety.

**PROGRAM BUDGET**

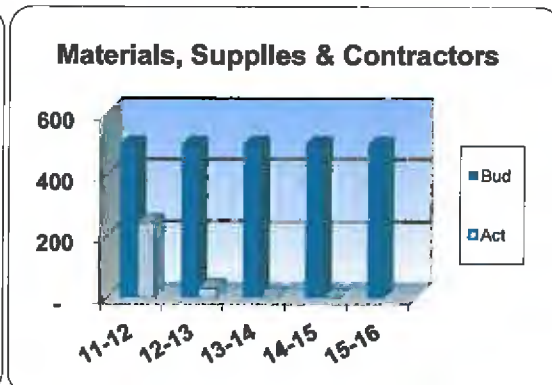
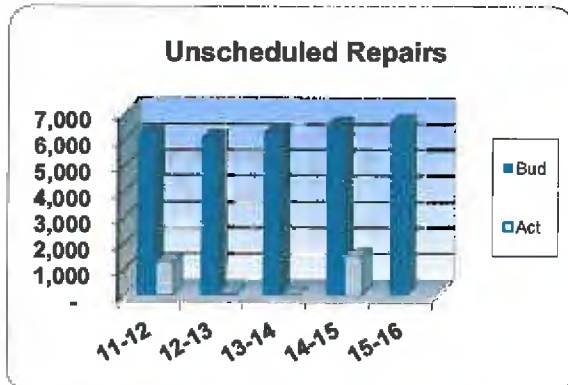
	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	2,442	568	2,586
Fringe Benefits	2,359	549	2,252
Equipment Allocation	1,221	328	1,293
Materials & Supplies	500	-	500
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>6,522</b>	<b>1,446</b>	<b>6,631</b>

**Materials/Supplies/Contract Services**

Inventory Items	500	-	500
Materials		-	
Paving		-	
Other		-	

Total

<b>500</b>	<b>-</b>	<b>500</b>
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**WASTEWATER DEPARTMENT**  
Collection Program  
Job Detail

**TITLE:** RMWD CCTV

**JOB #:** 818

**DESCRIPTION:** CCTV inspection of sewer mains

**WORKLOAD:** CCTV inspection of sewer mains as requested

**EFFECTIVENESS:** To avoid overflows and permit violations as well as maintain personal & public health & safety.

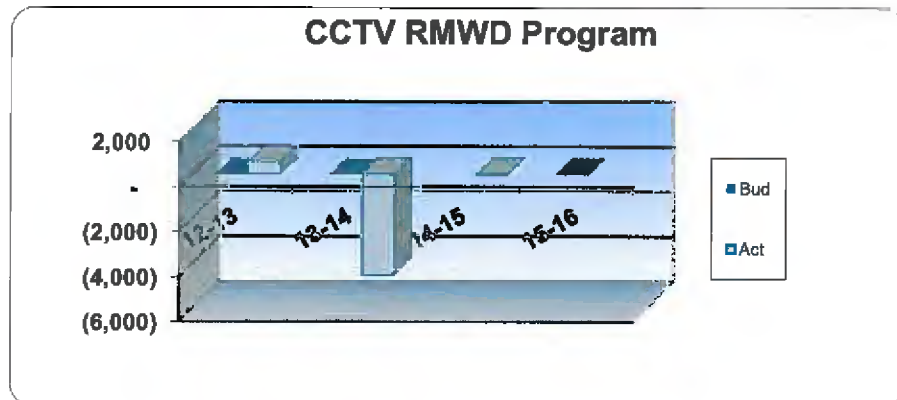
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Materials/Supplies/Contract Services**

Contract Services to RMWD

**Total**



**WASTEWATER DEPARTMENT**  
Collection Program  
Job Detail

**TITLE:** Scheduled Collection System Video

**JOB #:** 819

**DESCRIPTION:** All costs related to conducting video of collection system on a scheduled basis. Includes troubleshooting and repairs to CCTV systems; traffic control

**WORKLOAD:** Trouble areas every six months. System every three years.

**EFFECTIVENESS:** To avoid overflows and permit violations as well as maintain personnel & public health & safety.

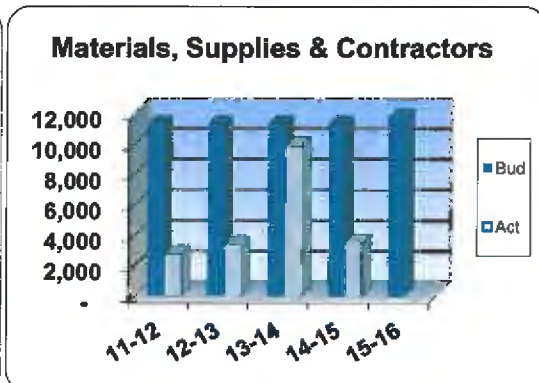
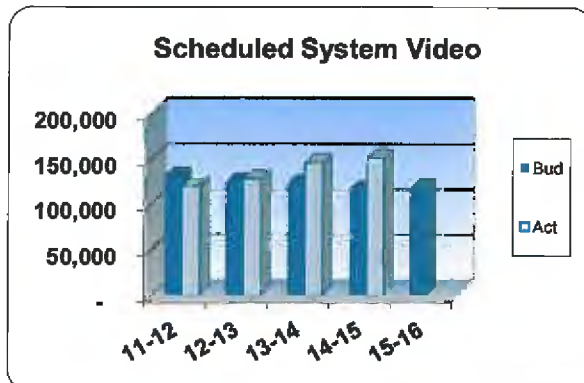
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	44,706	51,758	47,388
Fringe Benefits	43,186	49,971	41,275
Equipment Allocation	17,882	45,963	18,955
Materials & Supplies	4,000	3,492	6,000
Contract Services	7,300	-	5,800
<b>TOTAL EXPENSES</b>	<b>117,074</b>	<b>151,184</b>	<b>119,418</b>

\* reduction in RMWD use

**Materials/Supplies/Contract Services**

Repair parts	4,000	-	4,200
Camera Repairs	2,000	-	2,100
Granite XP Software Annual	1,800	-	1,800
CUES Repairs	3,500	-	3,700
Other	-	-	-
<b>Total</b>	<b>11,300</b>	<b>-</b>	<b>11,800</b>



**WASTEWATER DEPARTMENT**  
Treatment Program

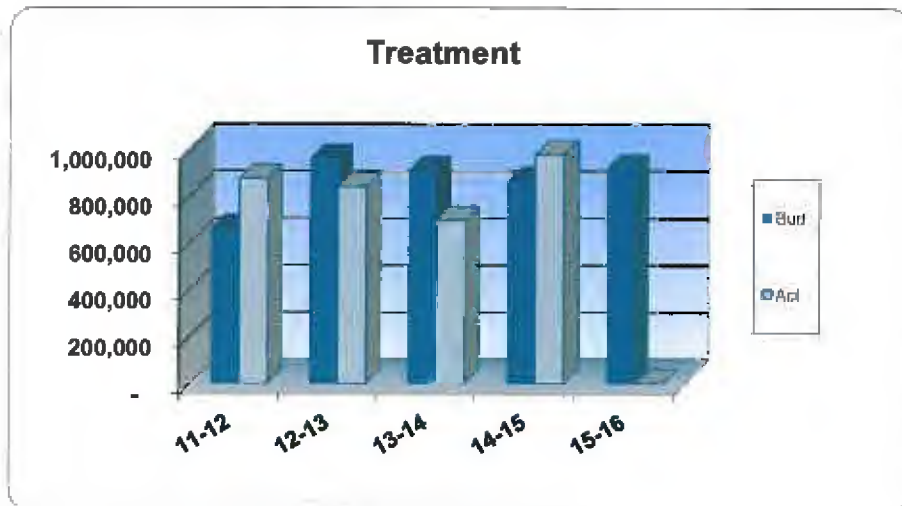
**Program Purpose & Scope:** Provides treatment of wastewater to secondary levels at Treatment Plant #1 off Alturis Street. Program includes all expenses related to routine operation, maintenance and repairs to the treatment plant; and laboratory testing to ensure the treatment process meets the discharge standards in the permit issued by the Regional Water Quality Control Board; and routine reporting to RWQCB.

**Level of Service Standards:**

- Operate the treatment plant to meet discharge standards established in the permits issued by the RWQCB.
- Provide technical training necessary to staff the plants to meet State standards.
- Respond to emergencies to minimize raw sewage spills and restore plants to proper operation.

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	312,956	341,189	348,586
Fringe Benefits	302,315	329,407	303,618
Equipment Allocation	47,282	49,147	55,002
Materials & Supplies	65,000	70,943	57,400
Contract Services	136,887	182,698	154,100
<b>TOTAL EXPENSES</b>	<b>864,441</b>	<b>973,384</b>	<b>918,707</b>



**WASTEWATER DEPARTMENT**  
Treatment Program  
**Job Detail**

**TITLE:** Main Plant Operations Scheduling

**JOB #:** 820

**DESCRIPTION:** All wages & benefits associated with the scheduling for Wastewater operations, maintenance and safety.

**WORKLOAD:** Includes operations technician and chief plant operator

**EFFECTIVENESS:** Scheduling of wastewater operations, maintenance and safety.

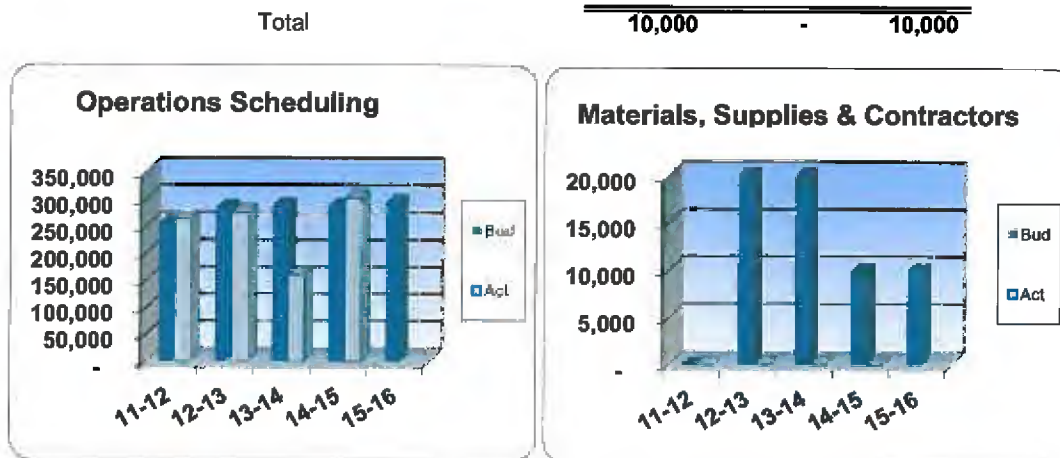
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	131,905	143,506	141,014
Fringe Benefits	127,420	138,544	122,823
Equipment Allocation	19,126	19,374	20,447
Materials & Supplies		-	
Contract Services	10,000	7	10,000
<b>TOTAL EXPENSES</b>	<b>288,451</b>	<b>301,431</b>	<b>294,284</b>

\* added work load related to WWT plant re-hab

**Materials/Supplies/Contract Services**

Scheduling Supplies		-	
Consulting Fees		-	
Reference Materials		-	
Operations Assistance Services consultant	10,000	-	10,000
<b>Total</b>	<b>10,000</b>	<b>-</b>	<b>10,000</b>



**WASTEWATER DEPARTMENT**  
Treatment Program  
**Job Detail**

**TITLE:** Main Plant Headworks

**JOB #:** 821

**DESCRIPTION:** All costs related to operation of the headworks including bar rake, grit handling and removal, flow meter, air scrubber and aeration unit. Costs of transporting, storage and landfill disposal, and recordkeeping for grit processing. Beginning FY11-12 upon completion of WWIP solar project \$350,000yr in SDGE offsets (formerly paid to SDGE) will be transferred to WW Debt serv. to pay solar loan

**WORKLOAD:** Operation of headworks or initial treatment and monitoring by removal of grit and rags, initial aeration, grit removal and influent flow monitoring. Odor protection.

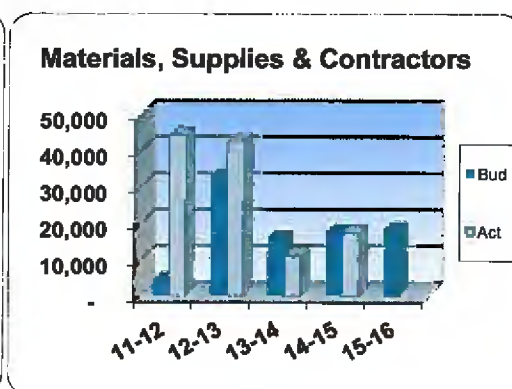
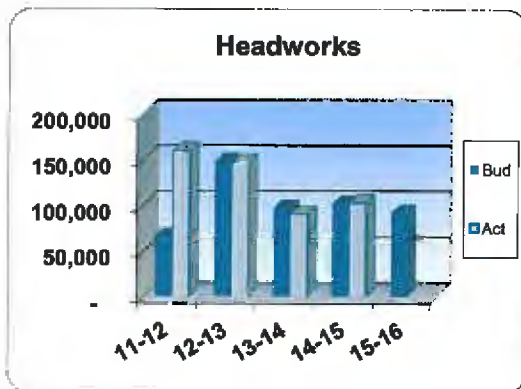
**EFFECTIVENESS:** Assures initial units process for removal of grit and rags, to protect and improve efficiencies of downstream processes. Initial flow measurement, removal of odors, and aeration of wastewater.

PROGRAM BUDGET	2014-15	2014-15	2015-16
	<u>Budget</u>	<u>Est. Actual</u>	<u>Budget</u>
<b>Expenses</b>			
Labor	40,203	40,788	36,842
Fringe Benefits	38,836	39,380	32,089
Equipment Allocation	5,829	5,508	5,342
Materials & Supplies	2,000	3,342	2,000
Contract Services	15,800	13,982	16,600
<b>TOTAL EXPENSES</b>	<b>102,669</b>	<b>103,001</b>	<b>92,873</b>

<b>Materials/Supplies/Contract Services</b>			
Power (See Solar Debt Services)	9,800	-	9,600
Grit Removal/Washed Rag & Debris Haulir Bioxide	6,000	-	7,000
Peroxide		-	
Back up Grit Bin (McMaster-Carr 3793T81)		-	
Misc Parts	2,000	-	2,000

Total

<b>17,800</b>	<b>-</b>	<b>18,600</b>
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**WASTEWATER DEPARTMENT**

Treatment Program

**Job Detail**

**TITLE:** Main Plant Primary

**JOB #:** 822

**DESCRIPTION:** All costs related to the primary clarifier including sludge and scum pump, clarifier skimmer and scum pit. Operations include collection and removal of primary sludges and scum, keeping railings and weirs, scum trough, pump and scum pit and launderer clean and clear. Beginning FY11-12 upon completion of WWIP solar project \$350,000/yr in SDGE offsets (formerly paid to SDGE) will be transferred to WW Debt serv. to pay solar loan

**WORKLOAD:** Removal of primary settled material (sludge) and skimmings in a regular and consistent manner. Maintain a consistent and treatable effluent for further treatment.

**EFFECTIVENESS:** Produce a consistent treatable primary effluent which can be biologically treated at the next unit process (secondary).

<b>PROGRAM BUDGET</b>	<b>2014-15 Budget</b>	<b>2014-15 Est. Actual</b>	<b>2015-16 Budget</b>
<b>Expenses</b>			
Labor	34,024	49,180	29,973
Fringe Benefits	32,867	47,484	26,106
Equipment Allocation	4,933	6,641	4,346
Materials & Supplies	1,000	4,524	1,000
Contract Services	9,800	10,837	9,600
<b>TOTAL EXPENSES</b>	<b>82,625</b>	<b>118,666</b>	<b>71,026</b>

\* additional work related to WWT plant re-hab

**Materials/Supplies/Contract Services**

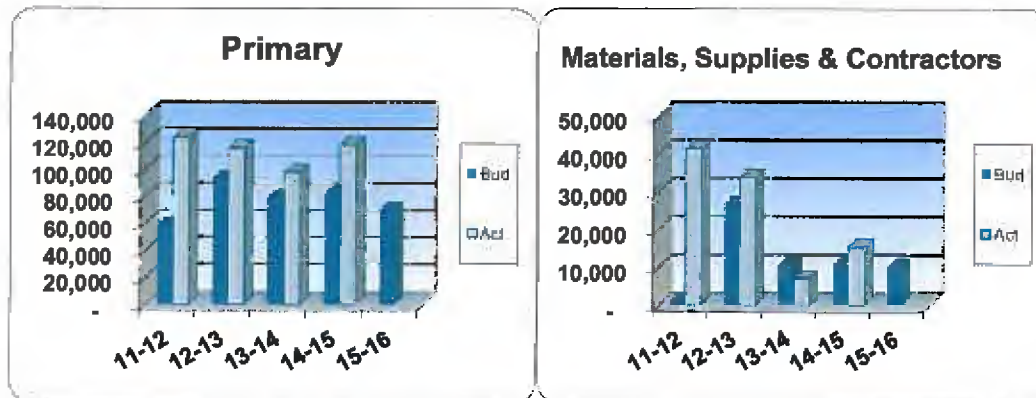
Power(See Solar Debt Services)	9,800	-	9,600
Misc Parts	1,000	-	1,000

Total

**10,800**

-

**10,600**





**WASTEWATER DEPARTMENT**

Treatment Program

**Job Detail**

**TITLE:** Main Plant Secondary

**JOB #:** 823

**DESCRIPTION:** All costs of the secondary treatment process including operation of lift pumps, aeration tanks, blowers, clarifiers, sludge and scum pumps, RAS/WAS pumps and overall monitoring of secondary process/control. Begin FY11-12 & completion of WWIP solar project \$350K yr in SDGE offsets will be transferred to WW Debt serv. to pay solar loan

**WORKLOAD:** All biological treatment of wastewater, production of a high quality effluent, separation of activated sludge from treated wastewater. Removal of scum & skimming, return of activated sludge to aeration basins. Analysis, observation & calculations involved with maintaining secondary treatment system. Other operations including cleaning of tanks, launderers, scum & pump pits, weirs, etc. and related testing & monitoring.

**EFFECTIVENESS:** Produce a high quality effluent, maintain control of a secondary (biological) treatment system with process control information and decisions.

<b>PROGRAM BUDGET</b>	<b>2014-15</b>	<b>2014-15</b>	<b>2015-16</b>
	<u>Budget</u>	<u>Est. Actual</u>	<u>Budget</u>
<b>Expenses</b>			
Labor	52,517	63,418	50,915
Fringe Benefits	50,731	61,233	44,347
Equipment Allocation	7,615	8,910	7,383
Materials & Supplies	1,000	36,968	1,000
Contract Services	62,000	100,294	78,000
<b>TOTAL EXPENSES</b>	<b><u>173,863</u></b>	<b><u>270,823</u></b>	<b><u>181,645</u></b>

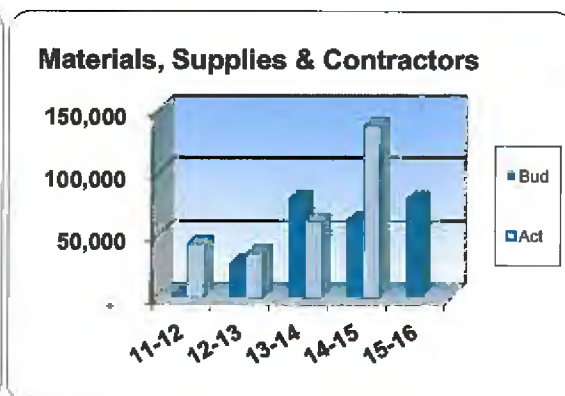
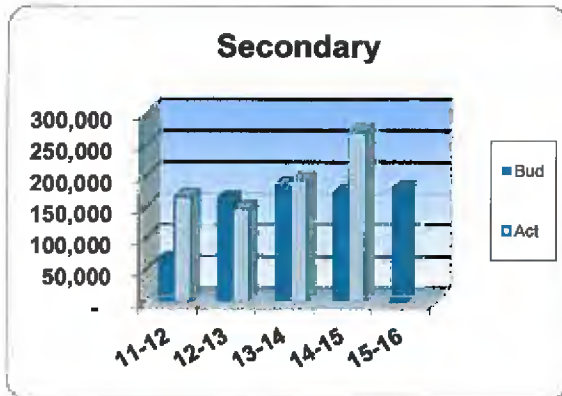
\* additional work related to WWT plant re-hab

**Materials/Supplies/Contract Services**

Power(See Solar Debt Services)	62,000	-	78,000
Misc Parts	1,000	-	1,000

Total

**63,000      -      79,000**



**WASTEWATER DEPARTMENT**

Treatment Program

**Job Detail**

**TITLE:** Main Plant Headworks Maintenance

**JOB #:** 831

**DESCRIPTION:** All costs related to maintenance and repair of, but not limited to, the following equipment and structures: Air scrubber, Parshall flume flow transmitter, automatic bar rake, grit channels, diffusers, grit bin sump and pumps, air lift pumps and grit screw.

**WORKLOAD:** Check lubricants, belts, fasteners, controls, and motors on PM's. Perform repairs on all equipment as required. Equipment allocation is set to 30% per history.

**EFFECTIVENESS:** Minimize unscheduled repairs to not more than 2 per year.

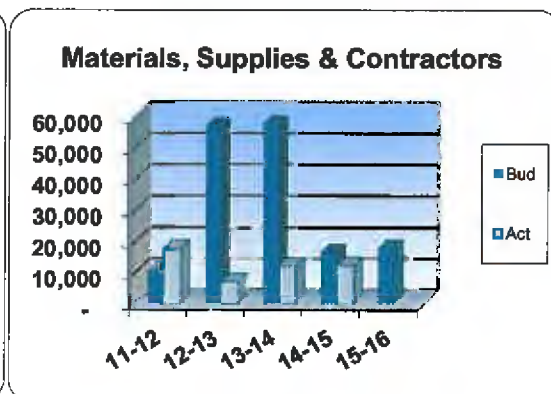
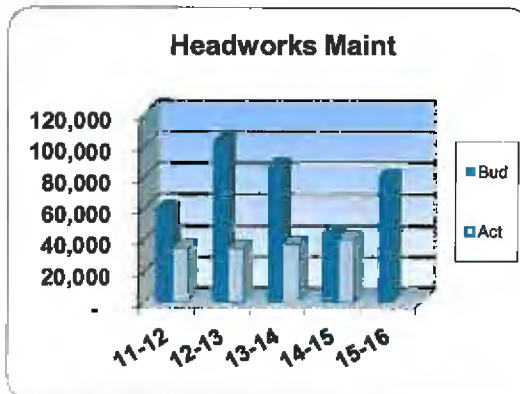
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	12,283	13,223	28,757
Fringe Benefits	11,865	12,768	25,047
Equipment Allocation	3,685	1,786	8,627
Materials & Supplies	16,750	12,091	18,250
Contract Services	-	240	-
<b>TOTAL EXPENSES</b>	<b>44,583</b>	<b>40,109</b>	<b>80,681</b>

\* reflects new equipment requirements

**Materials/Supplies/Contract Services**

Lift Station #5 Pump & Motor Repair	-	-	-
Flow Meter Replace	-	-	-
Air Scrubber media	5,000	-	5,500
Unexpected breakdowns & Repairs	5,000	-	5,000
Inventory-Stainless Steel Bolts & PVC	750	-	750
Plant Maintenance	1,000	-	2,000
Pump Hose Replacement	2,500	-	2,500
Maint/Electrician Tools & Equipment	2,500	-	2,500
<b>Total</b>	<b>16,750</b>	<b>-</b>	<b>18,250</b>



**WASTEWATER DEPARTMENT**

Treatment Program

Job Detail

**TITLE:** Main Plant Primary Maintenance

**JOB #:** 832

**DESCRIPTION:** All costs related to maintenance and repair of, but not limited to, the following equipment and structures: Primary sludge/scum pump pit structure, electrical, pumps and plumbing. Screwlift pumps and screwlift air scrubber.

**WORKLOAD:** Check lubricants, belts, fasteners, and motors on PM's. Perform repairs on all equipment as required.

**EFFECTIVENESS:** Minimize unscheduled repairs to not more than 2 per year.

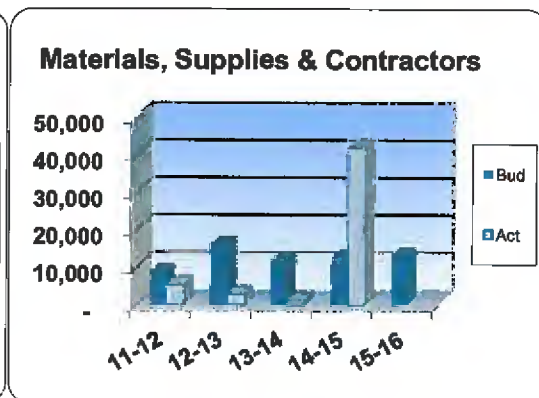
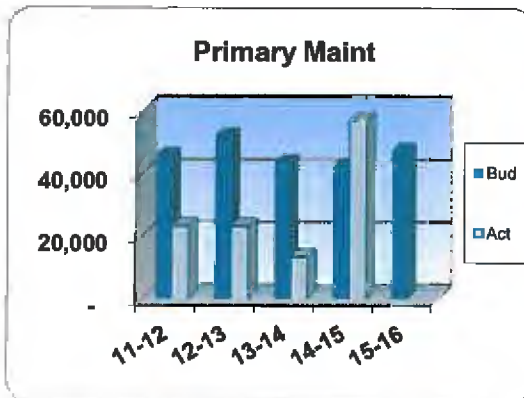
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	14,083	7,102	17,074
Fringe Benefits	13,604	6,855	14,871
Equipment Allocation	2,042	958	2,476
Materials & Supplies	12,750	6,309	13,250
Contract Services	-	35,629	-
<b>TOTAL EXPENSES</b>	<b>42,479</b>	<b>56,853</b>	<b>47,671</b>

\* higher contract services

**Materials/Supplies/Contract Services**

Degreaser	2,000	-	2,000
Primary Plug Valves/Ballcentric Valves		-	
Motor/Pump Rebuild		-	
Primary Diaphragm pump repair		-	
Unexpected Breakdowns/Repairs	5,000	-	5,000
Plant Maintenance/other	1,500	-	2,000
Temp Labor Dept 8		-	
Pump Hose Replacement	2,500	-	2,500
Maint/Electrician Tools & Equipment	1,000	-	1,000
Inventory-Stainless Steel Bolts & PVC	750	-	750
<b>Total</b>	<b>12,750</b>	<b>-</b>	<b>13,250</b>



**WASTEWATER DEPARTMENT**

Treatment Program

**Job Detail**

**TITLE:** Main Plant Secondary Maintenance

**JOB #:** 833

**DESCRIPTION:** All costs related to maintenance and repair of, but not limited to, the following equipment and structures: Aeration basin structure, all slide gates, aeration header and valves, fine air diffusers, air compressors #3,4,&5, secondary clarifier structure, clarifier sweep, sweep drive and gear boxes, RAS pumps, scum pumps, emergency generator, WAS pumps, all associated valves and plumbing, all associated electrical and controls.

**WORKLOAD:** Check lubricants, belts, fasteners, controls and motors on PM's. Perform repairs on all equipment as required.

**EFFECTIVENESS:**

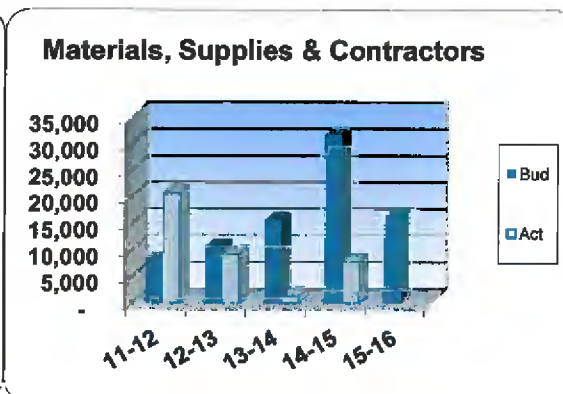
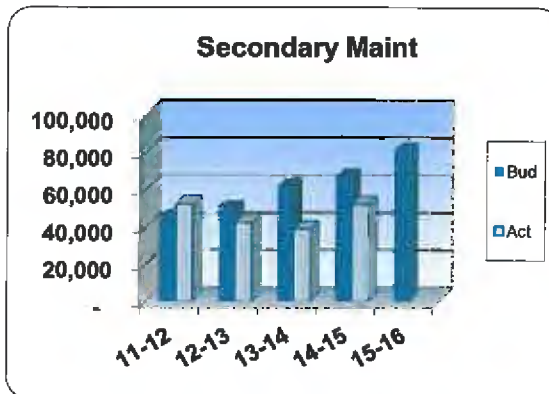
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	16,654	19,711	31,930
Fringe Benefits	16,088	19,025	27,811
Equipment Allocation	2,415	5,395	4,630
Materials & Supplies	31,500	7,709	16,500
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>66,657</b>	<b>51,840</b>	<b>80,871</b>

\* reflects new equipment requirements

**Materials/Supplies/Contract Services**

Pump Repairs (RAS)		-	
Materials/Supplies	2,000	+	2,000
Rebuild 2 Activated/Dig. Blower motors		-	
Membrane replacement		-	
Inventory	1,000	-	1,000
Plant Maint/Unexpected Breakdown/Repair	5,000	-	5,000
Pump Hose Replacement	2,500	-	2,500
Maint/Electrician Tools & Equipment	1,000	-	1,000
Overall Site Maintenance	20,000		5,000
<b>Total</b>	<b>31,500</b>	<b>-</b>	<b>16,500</b>



**WASTEWATER DEPARTMENT**

Treatment Program

**Job Detail**

**TITLE:** Solar Plant Maintenance

**JOB #:** 836

**DESCRIPTION:** Annual Costs for O&M agreement with SunPower plus weed abatement and additional module cleaning for 10 years, escalated @ 3%/yr. Year one was FY 10-11. First year came from solar loan proceeds.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

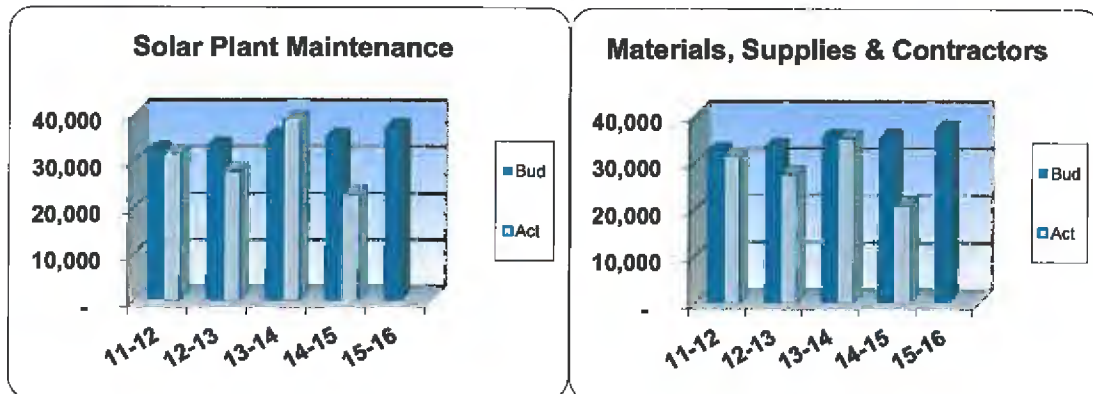
	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor		906	
Fringe Benefits	-	876	-
Equipment Allocation	-	122	-
Materials & Supplies		-	
Contract Services	35,387	20,820	37,500
<b>TOTAL EXPENSES</b>	<b>35,387</b>	<b>22,724</b>	<b>37,500</b>

**Materials/Supplies/Contract Services**

O&M Contract Annual Payment	26,387	-	28,500
Weed Abatement	5,000	-	5,000
Additional Module Cleaning	2,000	-	2,000
REC Registration	2,000	-	2,000

Total

**35,387      -      37,500**



**WASTEWATER DEPARTMENT**

Treatment Program

**Job Detail**

**TITLE:** Wastewater Telemetry

**JOB #:** 879

**DESCRIPTION:**

All costs related to maintenance and repair of the Wastewater Telemetry system.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	11,287	3,355	12,081
Fringe Benefits	10,903	3,241	10,523
Equipment Allocation	1,637	453	1,752
Materials & Supplies		-	5,400
Contract Services	3,900	887	2,400
<b>TOTAL EXPENSES</b>	<b>27,727</b>	<b>7,937</b>	<b>32,155</b>

\*unfilled ICS position, work shifted to 15-16

**Materials/Supplies/Contract Services**

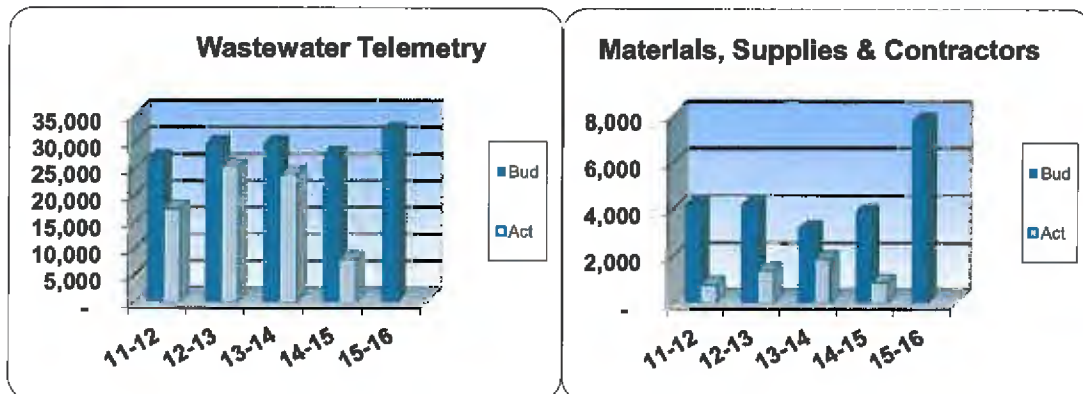
Telemetry & SCADA Support/Software	1,200	-	2,400
Telemetry & SCADA Hardware	2,700	-	5,400

Total

**3,900**

-

**7,800**



**WASTEWATER DEPARTMENT**  
**Disposal & Regulatory Compliance Program**

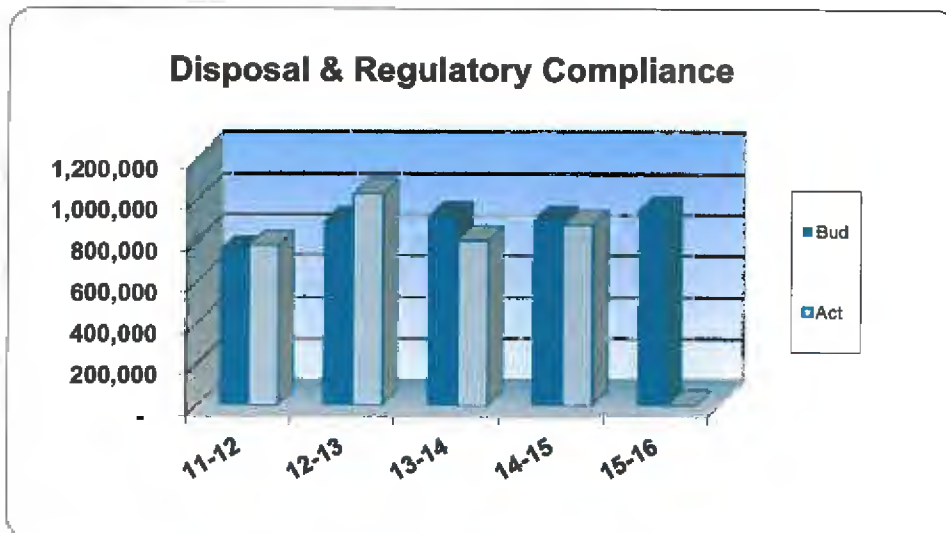
**Program Purpose & Scope:** Provides landfill disposal of sludge from the treatment of wastewater and ocean disposal of recycled water that is not sold. Program includes all expenses related to sludge processing and disposal, grit processing and disposal, maintenance of the 14 mile land outfall that delivers unused water to the Oceanside outfall, and lab testing to ensure the treatment process meets RWQCB requirements.

**Level of Service Standards:**

- Operate the treatment plant to meet discharge standards established in the permits issued by the RWQCB.
- Monitor sludge disposal after it leaves the plant to ensure disposal contractor complies with permit conditions.
- Respond to emergencies to minimize raw sewage spills on the outfall line and restore line to normal operation.
- Contribute to maintenance and repair of City of Oceanside's outfall line.
- Monitor local industries to insure compliance with industrial pre-treatment requirements.

**PROGRAM BUDGET**

	<b>2014-15</b>	<b>2014-15</b>	<b>2015-16</b>
	<b><u>Budget</u></b>	<b><u>Est. Actual</u></b>	<b><u>Budget</u></b>
<b>Expenses</b>			
Labor	218,621	242,567	221,484
Fringe Benefits	211,188	234,195	192,913
Equipment Allocation	39,471	52,563	39,629
Materials & Supplies	144,450	153,770	123,450
Contract Services	282,050	191,975	367,100
<b>TOTAL EXPENSES</b>	<b>895,780</b>	<b>875,069</b>	<b>944,576</b>



**WASTEWATER DEPARTMENT**  
**Disposal & Regulatory Compliance Program**  
**Job Detail**

**TITLE:** Laboratory Services & Process Control

**JOB #:** 801

**DESCRIPTION:** Laboratory equipment, calibration, reagents, sampling & analysis costs. Lab certification, quality assurance, quality control & contract laboratory.

**EFFECTIVENESS:**

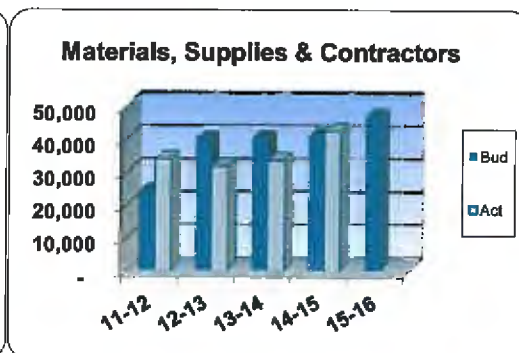
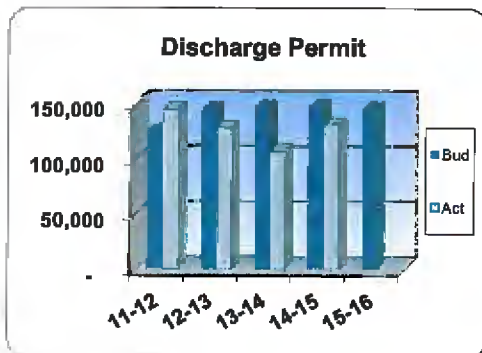
Laboratory services and process control

**PROGRAM BUDGET**

	<u>2014-15</u>	<u>2014-15</u>	<u>2015-16</u>
	<u>Budget</u>	<u>Est. Actual</u>	<u>Budget</u>
<b>Expenses</b>			
Labor	50,518	41,948	49,033
Fringe Benefits	48,800	40,503	42,708
Equipment Allocation	7,578	5,664	7,355
Materials & Supplies	14,200	17,531	2,100
Contract Services	26,900	24,976	45,050
<b>TOTAL EXPENSES</b>	<b>147,996</b>	<b>130,622</b>	<b>146,246</b>

**Materials/Supplies/Contract Services**

Dept of Health Lab Certification	1,250	-	1,500
Lab Supplies	9,000	-	
City of Oceanside Ocean Sample Analysis	20,000	-	9,000
Composite Sampler Repair	2,000	-	25,000
EIAP Certification Samples	1,400	-	2,000
HACH	4,000	-	1,500
Instrument Repair/Calibrate	550	-	4,500
Rayne Laboratory D.I. Water System	1,200	-	600
Lab Analysis	700	-	1,300
Rayne D.I. Water Testing	1,000	-	750
<b>Total</b>	<b>41,100</b>	<b>-</b>	<b>47,150</b>





**WASTEWATER DEPARTMENT**  
**Disposal & Regulatory Compliance Program**  
**Job Detail**

**TITLE:** FOG Program

**JOB #:** 804

**DESCRIPTION:** All costs related to the annual FOG inspection, testing and enforcement of the requirements of the Administrative Code.

**WORKLOAD:** Annually to determine and document compliance

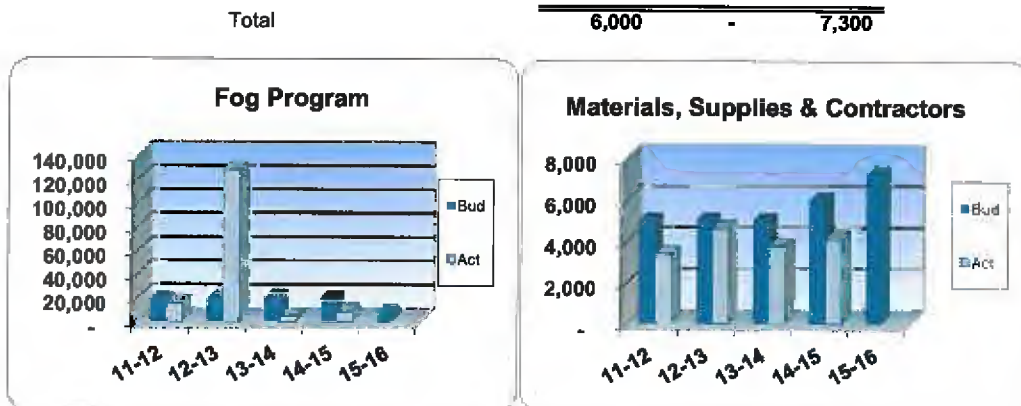
**EFFECTIVENESS:** To avoid overflows and permit violations as well as maintain personal and public health & safety

**PROGRAM BUDGET**

Expenses	2014-15	2014-15	2015-16
	<u>Budget</u>	<u>Est. Actual</u>	<u>Budget</u>
Labor	6,386	2,074	594
Fringe Benefits	6,169	1,994	517
Equipment Allocation	958	500	89
Materials & Supplies	1,500	6	1,800
Contract Services	4,500	4,095	5,500
<b>TOTAL EXPENSES</b>	<b>19,513</b>	<b>8,669</b>	<b>8,500</b>

**Materials/Supplies/Contract Services**

Outside Lab Analysis	4,500	-	5,500
Lab materials		-	
Hach		-	
Supplies	1,500	-	1,800
Other/FOG		-	
<b>Total</b>	<b>6,000</b>	<b>-</b>	<b>7,300</b>



**WASTEWATER DEPARTMENT**  
**Disposal & Regulatory Compliance Program**  
**Job Detail**

**TITLE:** Regulatory Compliance & Monitoring

**JOB #:** 805

**DESCRIPTION:** All costs related to regulatory & NPDES permit compliance for Treatment Plant 1 including all NPDES, storm water, APCD permit monitoring and reporting. Also, costs related to the Districts Sewer Overflow Response Plan and Hazardous Material Business Plan. Biosolids monitoring and reporting is included as well, The SWCB Annual outfall fees, sanitary sewer spill monitoring and outside laboratory analysis fees will be included.

**WORKLOAD:** All costs related to Regulatory Compliance as required by permits and regulatory requirements of the SWRCB, EPA, DOHS and APCD.

**EFFECTIVENESS:** Assure compliance with all permits and requirements of the various regulatory agencies.

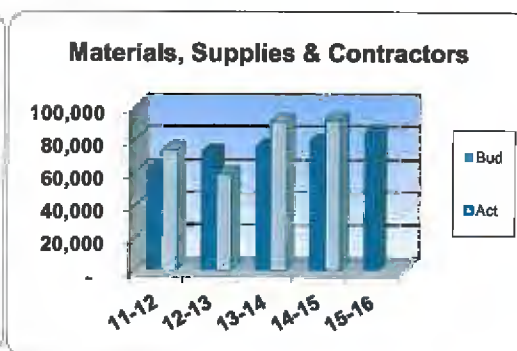
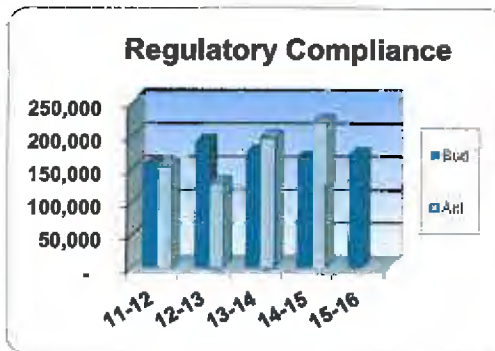
**PROGRAM BUDGET**

	<b>2014-15 Budget</b>	<b>2014-15 Est. Actual</b>	<b>2015-16 Budget</b>
<b>Expenses</b>			
Labor	41,866	61,176	43,778
Fringe Benefits	40,443	59,064	38,131
Equipment Allocation	6,280	8,257	6,567
Materials & Supplies		37,385	
Contract Services	79,650	54,647	84,650
<b>TOTAL EXPENSES</b>	<b>168,238</b>	<b>220,529</b>	<b>173,125</b>

\* increased regulatory activity

**Materials/Supplies/Contract Services**

NPDES Permit @ WWTP Renewal (5 yr)		-	
Dept of Enviro. Health/Haz Mat Permit Fees	5,500	-	6,000
Meter Calibration (RS Instrument)	1,700	-	2,000
Spill Monitoring	1,000	-	1,000
Fines	10,000	-	10,000
Outside Lab analysis(NPDES, Recycled, Bio)	18,000	-	19,000
Portable Equip Air Resource Renewal(3yr)	650	-	650
SWRCB Annual Permit Fees	32,000	-	33,500
APCD Permit Fees	5,300	-	7,000
Other		-	
Annual Kelp Bed Study	5,500	-	5,500
<b>Total</b>	<b>79,650</b>	<b>-</b>	<b>84,650</b>



**WASTEWATER DEPARTMENT**  
**Disposal & Regulatory Compliance Program**  
**Job Detail**

**TITLE:** Outfall Right-of-Way Maintenance

**JOB #:** 807

**DESCRIPTION:** All costs related to maintaining access to our outfall line, air and vacs, blow-offs, and isolation valves. Involves hauling and filling in roadway with rock, decomposed granite, or class 2 base, weeding with weedeater, mower, machete and other tools, cutting trees and branches. Covers area from Naval Weapons Station, Camp Pendleton, to Oceanside.

**WORKLOAD:** Scheduled inspection of easement, unscheduled repairs when problems develop, maintenance as needed.  
 Equipment allocation adjusted to 55% per history.

**EFFECTIVENESS:**

**PROGRAM BUDGET**

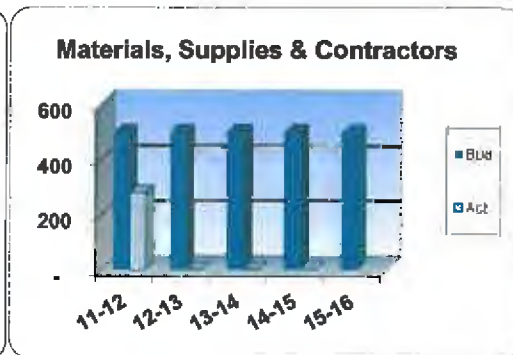
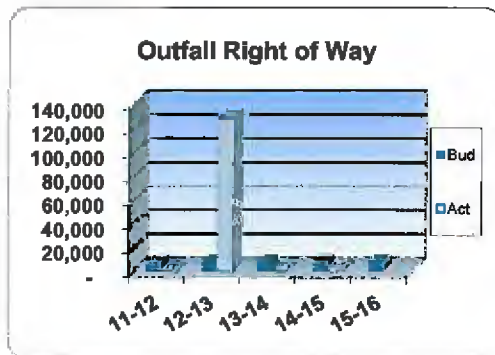
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	3,220	1,571	3,416
Fringe Benefits	3,111	1,517	2,975
Equipment Allocation	1,771	1,364	1,879
Materials & Supplies	500	-	500
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>8,602</b>	<b>4,452</b>	<b>8,770</b>

**Materials/Supplies/Contract Services**

Rock	500	-	500
Other	-	-	-

Total

**500      -      500**



**WASTEWATER DEPARTMENT**  
 Disposal & Regulatory Compliance Program  
 Job Detail

**TITLE:** Outfall Repairs

**JOB #:** 808

**DESCRIPTION:** All costs related to scheduled repair or emergency repair to the outfall line, and air and vacs, blow-offs and valves. Includes repairing and replacing pipe, repairing and replacing air and vacs or blow-offs, and/or valve cannisters and stems. Also covers locating and inspecting leaks.

**WORKLOAD:** Monthly scheduled repairs and unscheduled emergency repairs.

**EFFECTIVENESS:** Maintain outfall, prevent leaks or spills and avoid violation and fines.

**PROGRAM BUDGET**

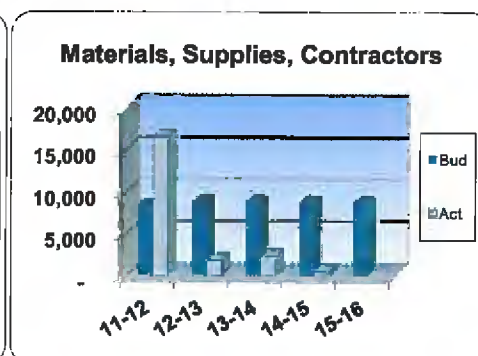
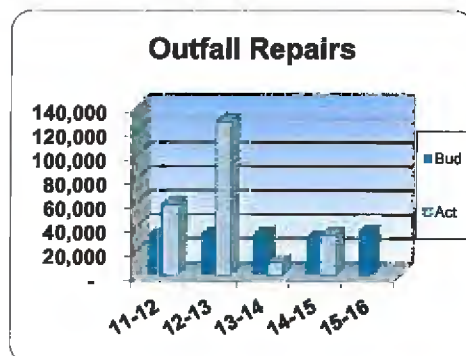
	<b>2014-15 Budget</b>	<b>2014-15 Est. Actual</b>	<b>2015-16 Budget</b>
<b>Expenses</b>			
Labor	10,848	12,441	14,128
Fringe Benefits	10,479	12,018	12,305
Equipment Allocation	1,627	8,319	2,119
Materials & Supplies	8,800	587	
Contract Services	-	-	8,800
<b>TOTAL EXPENSES</b>	<b>31,754</b>	<b>33,365</b>	<b>37,353</b>

**Materials/Supplies/Contract Services**

Materials/Inventory		-	
Vault lid & air vac repairs	2,500	-	2,500
Emergency Repairs	6,300	-	6,300
Other		-	

Total

<b>8,800</b>	-	<b>8,800</b>
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**WASTEWATER DEPARTMENT**  
**Disposal & Regulatory Compliance Program**  
**Job Detail**

**TITLE:** Outfall Pipeline Maintenance

**JOB #:** 809

**DESCRIPTION:** All costs related to maintaining the outfall line including exercising valves, maintaining and repairing air and vac relief valves, blow-offs, and isolation valves. Inspections of line for breaks, leaks or corrosion around pipeline.

**WORKLOAD:** Scheduled inspections, valve exercise, maintenance of pipeline. 65 maintenance work orders per month.  
 Equipment allocation adjusted to 40% per history.

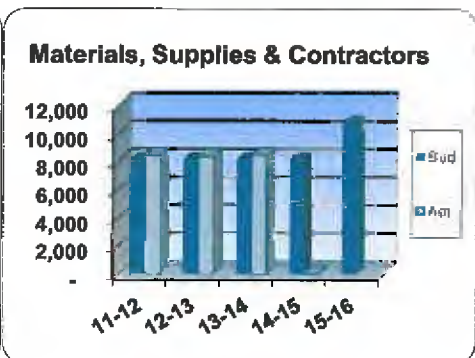
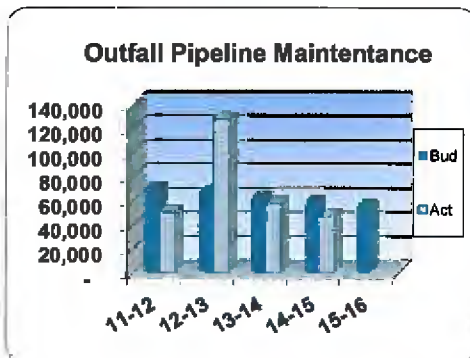
**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<b>2014-15 Budget</b>	<b>2014-15 Est. Actual</b>	<b>2015-16 Budget</b>
<b>Expenses</b>			
Labor	21,558	19,484	20,161
Fringe Benefits	20,825	18,789	17,560
Equipment Allocation	8,623	8,392	8,064
Materials & Supplies	8,200	51	10,800
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>59,206</b>	<b>46,715</b>	<b>56,586</b>

**Materials/Supplies/Contract Services**

Parts for D-20 combo air/vac	500	-	500
3" Brass gate valves, flanges, nipples	-	-	-
D20 Air Vac (3)	1,250	-	1,800
Flange Box set	6,000	-	8,000
Other	450	-	500
Inventory	-	-	-
<b>Total</b>	<b>8,200</b>	<b>-</b>	<b>10,800</b>



**WASTEWATER DEPARTMENT**  
 Disposal & Regulatory Compliance Program  
 Job Detail

**TITLE:** Main Plant Solids Handling

**JOB #:** 825

**DESCRIPTION:** All costs related to solids handling including aerobic digesters, related pumps, blowers, chemical feed systems, belt press operation & sludge drying beds and sludge drying equipment added in fiscal year 07-08. Also involves extensive record keeping and annual reporting to EPA and the SWRCB.

**WORKLOAD:** Operation, monitoring and analysis of aerobic digesters. Operation, monitoring and analysis of a belt press and sludge drying beds and new sludge dryer.

**EFFECTIVENESS:** Further treats solids previously removed from primary and secondary processes. Provides further biological treatment, produces a Class A biosolid which can be sold as fertilizer. Beginning fiscal year 08-09, see Wastewater revenues for revenue projection.

**PROGRAM BUDGET**

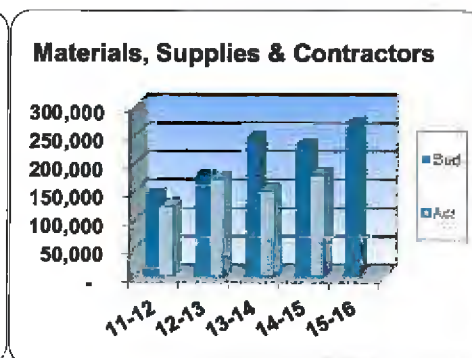
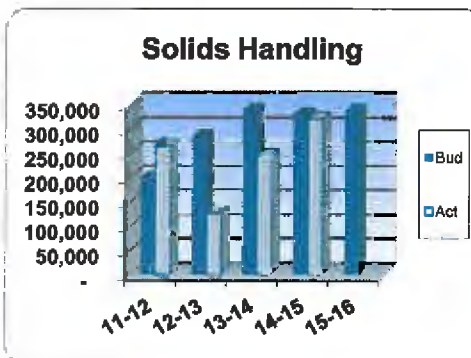
	<b>2014-15</b>	<b>2014-15</b>	<b>2015-16</b>
	<b><u>Budget</u></b>	<b><u>Est. Actual</u></b>	<b><u>Budget</u></b>
<b>Expenses</b>			
Labor	46,399	66,687	32,896
Fringe Benefits	44,821	64,396	28,652
Equipment Allocation	6,960	9,003	4,934
Materials & Supplies	94,000	75,284	99,000
Contract Services	139,000	105,033	173,100
<b>TOTAL EXPENSES</b>	<b>331,180</b>	<b>320,403</b>	<b>338,583</b>

**Materials/Supplies/Contract Services**

Praestol Polymer K279FLX	75,000	-	75,000
Odor Control Chemicals	2,000	-	2,000
Power	82,000	-	99,000
Sludge Disposal	15,000	-	30,000
Materials & Supplies	7,000	-	7,000
Natural Gas	42,000	-	44,100
Purchase of Spare Parts	10,000	-	15,000

Total

**233,000      -      272,100**



**WASTEWATER DEPARTMENT**  
**Disposal & Regulatory Compliance Program**  
**Job Detail**

**TITLE:** Main Plant Maintenance, Solids Facilities

**JOB #:** 835

**DESCRIPTION:** All costs related to maintenance and repair of, but not limited to, the following equipment & structures: Digested sludge pump, belt press and associated equipment, flow meters, comminutor, digesters, air compressors, diffusers and all associated plumbing and valves.

**WORKLOAD:** Check lubricants, belts, fasteners, controls, pumps and motors on PM's. Perform repairs on all equipment as required.

**EFFECTIVENESS:** Minimize unscheduled repairs to not more than 2 per year.

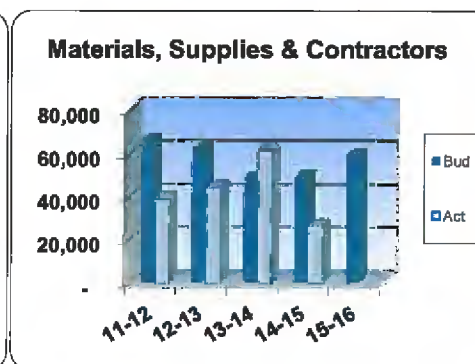
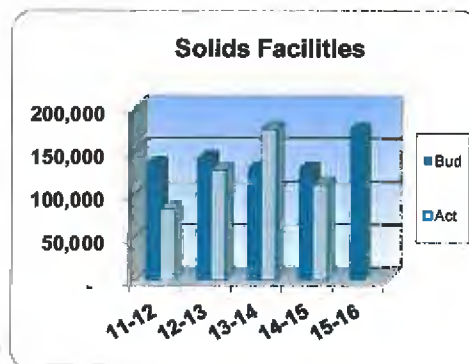
**PROGRAM BUDGET**

	<b>2014-15 Budget</b>	<b>2014-15 Est. Actual</b>	<b>2015-16 Budget</b>
<b>Expenses</b>			
Labor	37,826	37,186	57,478
Fringe Benefits	36,540	35,913	50,063
Equipment Allocation	5,674	11,064	8,622
Materials & Supplies	17,250	22,927	9,250
Contract Services	32,000	3,224	50,000
<b>TOTAL EXPENSES</b>	<b>129,290</b>	<b>110,314</b>	<b>175,413</b>

\* reflects higher maintenance requirements for aging equipment

**Materials/Supplies/Contract Services**

Inventory-Stainless Steel Bolts & PVC	750	-	750
Thickener	2,000	-	2,000
Digester Double Disc Diaphragm rebuild kit		-	
Sludge Drying Equip.	15,000	-	15,000
Unexpected Breakdown/Repairs	10,000	-	10,000
Plant Maintenance	2,000	-	2,000
Pump Hose Replacement	2,500	-	2,500
Contracts Services/Maint. - Dryer/Centrifug	15,000	-	25,000
Maint/Electrician tools	2,000	-	2,000
<b>Total</b>	<b>49,250</b>	<b>-</b>	<b>59,250</b>



**WASTEWATER DEPARTMENT**  
Debt Service Program

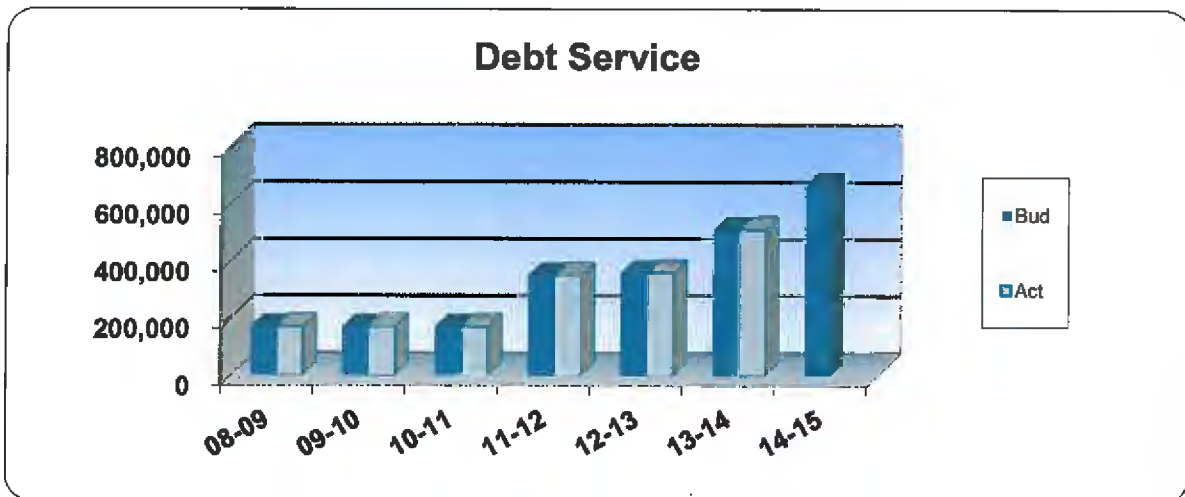
**Program Purpose & Scope** Program provides revenue from wastewater operations to offset a portion of the annual debt service payments for the '11 solar project. Revenue is realized from the generation of solar power which offsets the charges paid to SDG&E. Program also provides revenue from wastewater ops to offset a portion of the SRF loan in the amount of \$28M for the wastewater treatment plant rehab.

**Level of Service Standards:**

- Transfer \$350,000 to per year beginning FY 11-12 to the ID"S" debt service fund to pay the solar debt, to increase by 3%/yr or actual SDG&E rate increases
- Beginning in 12-13 when WWTP rehab loan was secured, Wastewater Ops & Recyc ops will begin to contribute the difference between 1% property taxes received and the WW component of the loan.

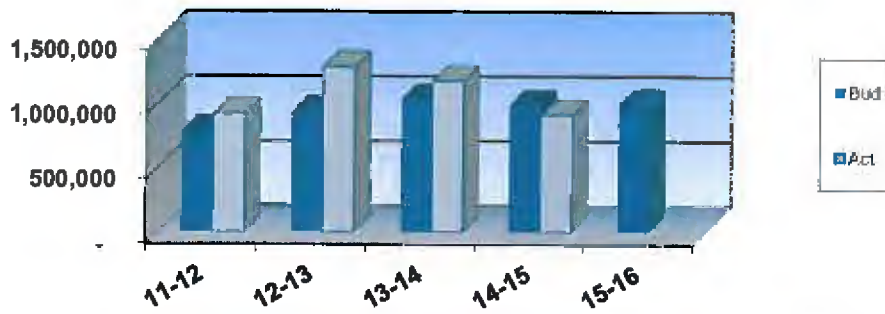
**PROGRAM BUDGET**

	2014-15 <u>Budget</u>	2014-15 <u>Projected</u>	2015-16 <u>Budget</u>
<b>Expenses</b>			
Labor			
Fringe Benefits			
Equipment Allocation			
Trnx for SRF Debt	288,600	288,600	288,600
Transfer for Solar Debt	382,454	382,454	393,928
<b>TOTAL EXPENSES</b>	<b>671,054</b>	<b>671,054</b>	<b>682,528</b>

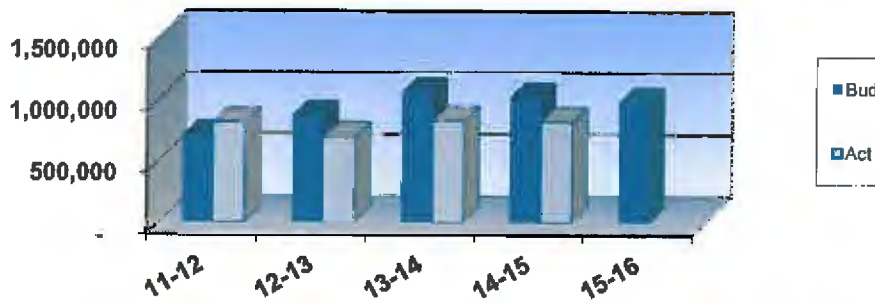




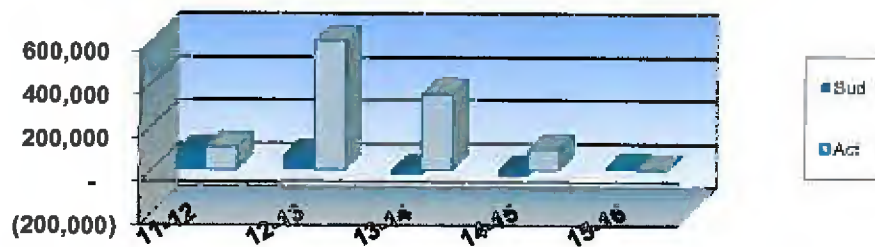
### Recycled Dept Revenues



### Recycled Dept Expenses



### Recycled Dept Net Revenues



## RECYCLED WATER DEPARTMENT

### Budget Summary

#### Department Mission

Provide reliable recycled water supply to all customers who can use recycled water in the District service area, and contract for sale outside the District as supply is available.

#### DEPARTMENT BUDGET SUMMARY

<b>Recycled Budget Summary</b>	<b>2014-15 Budget</b>	<b>2014-15 Est. Actual</b>	<b>2015-16 Budget</b>
<b>Revenues</b>			
Water Sales	712,673	679,097	808,786
Service Charges	51,791	54,162	54,867
MWD/CWA Incentive	224,000	172,900	135,000
Sundry *	5,000	5,000	5,000
<b>Total Revenues</b>	<b>993,464</b>	<b>911,159</b>	<b>1,003,653</b>
<b>Expenses</b>			
Production	592,170	475,351	542,753
Distribution	72,953	43,054	73,198
Allocated Admin Expenses	265,383	205,816	276,803
Debt Service Transfer	92,400	92,400	94,248
<b>Total Expenses</b>	<b>1,022,906</b>	<b>816,621</b>	<b>987,002</b>
<b>Net Revenue/(Expense)</b>	<b>(29,442)</b>	<b>94,538</b>	<b>16,651</b>
<b>TRANSFER FROM WATER</b>	<b>(29,442)</b>	<b>-</b>	<b>-</b>
<b>Beginning Fund Balance</b>	<b>222,670</b>	<b>474,009</b>	<b>232,626</b>
<b>Ending Fund Balance</b>	<b>193,228</b>	<b>568,547</b>	<b>249,277</b>
<b>EQUITY REQUIREMENTS</b>			
Working Capital	232,626	232,626	223,189
<b>Total Equity Required</b>	<b>232,626</b>	<b>232,626</b>	<b>223,189</b>
<b>Unappropriated Funds</b>	<b>(39,398)</b>	<b>232,626</b>	<b>26,089</b>

**RECYCLED WATER DEPARTMENT  
Revenue Program**

**Program Purpose & Scope**

Develop sufficient revenue to pay for recycled water production, distribution, and long-term debt service costs of capital facilities.

**Revenue Objectives**

- Establish a rate structure at the greater of 85% of Tier 1 rates or 80% of the average of Tier 1 and Tier 2 M&I rates.
- Capitalize all costs related to establishing service to additional users.

**Program Budget**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Revenues</b>			
Water Sales	\$ 712,673	\$679,097	\$ 808,786*
Service Charges	51,791	54,162	54,867
MWD/CWA incentive	224,000	172,900	135,000**
Sundry*	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>
Total Revenues	\$ 993,464	\$ 911,159	\$1,003,653

\*CalTrans Take-or-Pay and Orange Grove contracted fee.

\*\* MWD reclaimed rebates ended 1/31/15

**Water Sales**

All output of Plant #1 is tertiary treated to Title 22 standards. The local distribution extends from the plant through the Airpark past the High School east to Premier Color nursery and south to Olive Hill greenhouses. The primary users along this system are the flower growers and Christmas tree growers on the Airpark, the playing fields at the High School, and the Pepper Tree subdivision. Additionally, the District provides the irrigation water for the median and slopes on South Mission Road. A capital project has begun to extend a recycled waterline east to serve additional nurseries.

All the output not demanded by the local distribution system is sent through the outfall line which terminates at the jointly used (with the City of Oceanside) ocean outfall. The District also delivers recycled water to California Department of Transportation (CalTrans) for irrigation at the I-5/Route 76 interchange, and a mitigation site on Douglas Drive. Two additional CalTrans meters were added in FY 07-08. A contract to provide recycled water to Orange Grove Energy (OGE) has been executed and will add 45 AF of recycled sales to total sales. Consequently, with the four customer bases, local, CalTrans, Oceanside and OGE, it is projected that the District will sell 675 AF of recycled water during the year.

Recycled use is not interruptible and is provided without curtailment. Therefore, in FY 03/04 the Board established the rate for recycled water at the greater of 80% of the average Tier 1 and Tier 2 M&I rate or 85% of the Tier 1 rate. Following the Board's philosophy of recycled water pricing, the rate for Calendar year 2016 is proposed at \$3.94 per kgal which is 85% of Tier 1 M&I.

<u>Water Sales</u>	<u>Volume</u>	<u>\$/kgal</u>	<u>\$/AF</u>	<u>Revenue</u>
Fallbrook	440 AF	\$3.94	\$ 1,285.07	\$553,549
CalTrans	190 AF	\$3.05*	\$ 993.78	\$188,817
Orange Grove	45 AF	\$4.53*	\$1,476.00	\$ 66,420
<hr/>				
TOTAL	675 AF			\$808,786

\*By contract

Sales have increased since FY 05-06 and are projected at 675 AF for 15-16.

<u>Year</u>	<u>AF</u>
1995-96	530
1996-97	768
1997-98	683
1998-99	694
1999-00	671
2000-01	573
2001-02	431
2002-03	373
2003-04	361
2004-05	315
2005-06	415
2006-07	505
2007-08	470
2008-09	590
2009-10	594
2010-11	500
2011-12	545
2012-13	720
2013-14	747
2014-15	655 Estimated
2015-16	675 Budgeted

### **Service Charges**

Meters and backflow devices for recycled customers are capitalized when installed and considered part of the distribution system. However, to contribute to the operating costs of

the District such as meter reading, billing, meter repair/replacement, insurance and other operating costs, the local area customers are charged a monthly service charge based on the size of the meter and levied at the same rate as the monthly charge for the same size potable meter. There are currently 26 recycled meters in service and no additional installations are anticipated for the budget year. Additional connections are anticipated in FY 16-17 as the eastern extension of the recycled pipeline will be completed. Service charges increases are proposed to match those of the water system and are proposed to increase by 3% for the upcoming budget year.

Monthly Service Charges

Within FPU Service Area.....\$54,867.00

**Other Revenues**

Both MWD and SDCWA have developed programs to help subsidize the costs of building, maintaining, and operating systems which decrease the demands on potable water. Under the MWD Local Resources Program, its subsidy for recycled water sold to MWD customers was \$250 per acre foot until 1/31/15 when the program ended. The SDCWA program provides a rate of \$200 per acre foot. This contract is scheduled to expire September 2019.

SDCWA Subsidy

675 AF @ \$200.....\$135,000

Per Generally Accepted Accounting Principles (GAAP), at the end of the fiscal year, any net revenues or net expenses roll into the Ending Equity/Fund Balance accounts separately and distinctly for each operating entity.

**RECYCLED WATER DEPARTMENT**  
Production Program

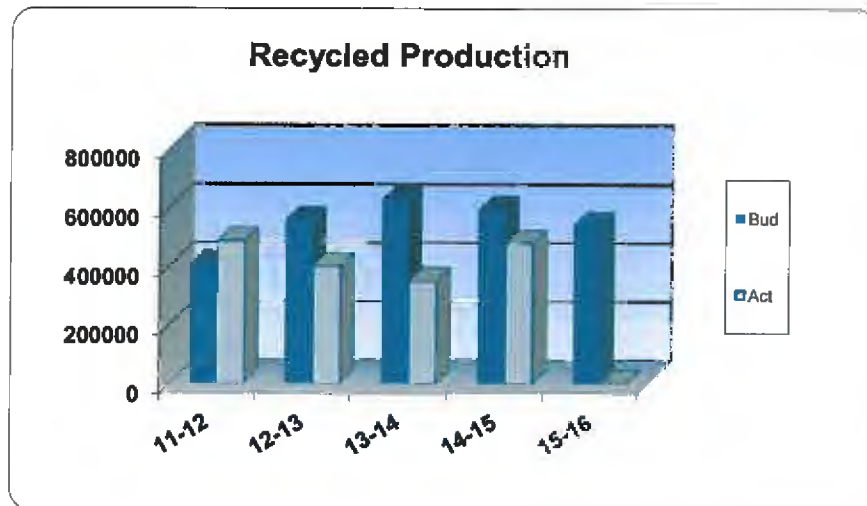
**Program Purpose & Scope:** Program provides production of tertiary level recycled water to State Administrative Code, Title 22 standards. Provides for all costs of treatment in excess of that necessary to meet secondary discharge permit standards. Program includes operation and maintenance of tertiary filters, laboratory tests to ensure permit conditions are met, and reporting to RWQCB

**Level of Service Standards:**

- Comply with applicable Regional Waer Quality Control Board permit conditions for production of tertiary treated water.
- Monitor water quality to meet specific customer needs.

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est.Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	163,818	170,566	163,568
Fringe Benefits	158,248	164,700	142,468
Equipment Allocation	23,754	29,612	23,717
Materials & Supplies	103,750	102,246	139,050
Contract Services	142,600	8,227	73,950
<b>TOTAL EXPENSES</b>	<b>592,170</b>	<b>475,351</b>	<b>542,753</b>



**RECYCLED WATER DEPARTMENT**

Production Program

**Job Detail**

**TITLE:** Laboratory Recycled Water

**JOB #:** 803

**DESCRIPTION:** All costs related to monitoring & reporting of reclaimed water production and analysis. Includes sampling, reporting & reporting cost incurred for compliance with SWRCB order 91-39. Includes laboratory reagents, glassware and equipment, including calibration, maintenance and repair. Reporting includes Monthly, Quarterly, Semi-Annual and Annual Reclaimed Water Reports.

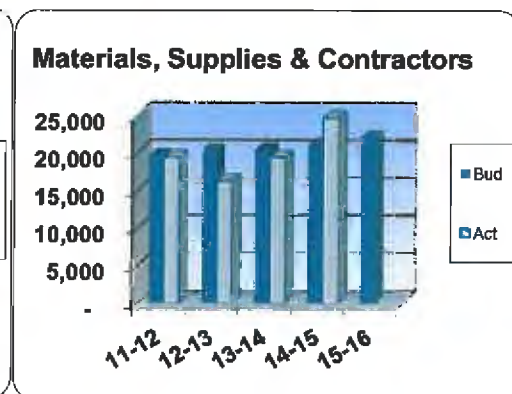
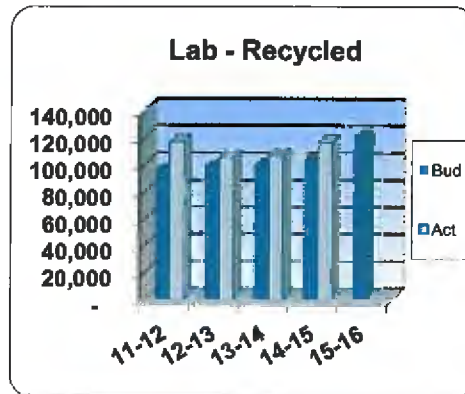
**WORKLOAD:** All monitoring requirements including sampling and analysis for all reporting requirements.

**EFFECTIVENESS:** Assure compliance with SWRCB Order 91-39 including required monitoring and reporting as well as troubleshooting and judging effectiveness of treatment and water quality in the reclaimed water distribution system.

**PROGRAM BUDGET**

	<b>2014-15 Budget</b>	<b>2014-15 Est. Actual</b>	<b>2015-16 Budget</b>
<b>Expenses</b>			
Labor	39,201	43,765	49,212
Fringe Benefits	37,868	42,256	42,864
Equipment Allocation	5,684	5,910	7,136
Materials & Supplies	13,000	17,481	14,800
Contract Services	8,100	7,133	7,350
<b>TOTAL EXPENSES</b>	<b>103,853</b>	<b>116,544</b>	<b>121,361</b>

<b>Materials/Supplies/Contract Services</b>			
Instrument Repair/Calibration	550	-	600
Lab Analysis	700	-	750
Lab supplies	9,000	-	9,000
ELAP Certification Samples	1,400	-	1,500
Composite Sampler Repair	2,000	-	2,000
Dept of Health Lab Certification	1,250	-	1,500
Hach	4,000	-	4,500
Rayne Water System (Lab D.I.)	1,200	-	1,300
Other	-	-	-
Rayne D.I. Water Testing	1,000	-	1,000
<b>Total</b>	<b>21,100</b>	<b>-</b>	<b>22,150</b>



## RECYCLED WATER DEPARTMENT

### Production Program

#### Job Detail

**TITLE:** Main Plant Tertiary

**JOB #:** 824

**DESCRIPTION:** Costs related to all parts of the tertiary treatment unit processes including equalization basin (pond), pumps (mudwell, applied, backwash), flocculation sedimentation basin, filters and controllers, chlorine contact tank, reclaimed water pumps, chlorine and TDS analyzer, chlorine storage and feed systems, alum and polymer storage & feed systems, chlorine scrubber and outfall structure. Begin FY11-12 (WWIP solar project) \$350K yr in SDGE offsets will be transferred to WW Debt serv. to pay solar loan.

**WORKLOAD:** Production of high quality effluent that meets CA Title 22 standards. Mgmt. of water to assure supply for reclaimed water users, operation of chemical feed systems, rapid sand filters, chlorine feed system, chlorine contact tank, and reclaimed water sys.

**EFFECTIVENESS:** Assure compliance with Reclaimed Water Permit and Title 22 water quality standards. Assure proper water mgmt. Operate reclaimed water equipment to assure adequate supply & quality to all users, and maintain logs & records.

#### PROGRAM BUDGET

	2014-15 <u>Budget</u>	2014-15 <u>Est. Actual</u>	2015-16 <u>Budget</u>
<b>Expenses</b>			
Labor	88,097	76,858	62,063
Fringe Benefits	85,102	74,216	54,057
Equipment Allocation	12,774	10,377	8,999
Materials & Supplies	65,000	56,745	103,000
Contract Services	47,000	-	57,600
<b>TOTAL EXPENSES</b>	<b>297,973</b>	<b>218,196</b>	<b>285,719</b>

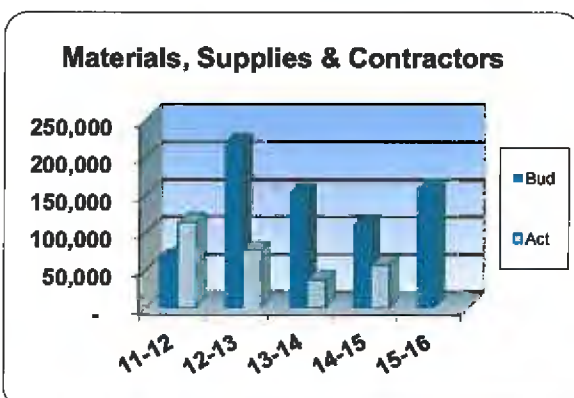
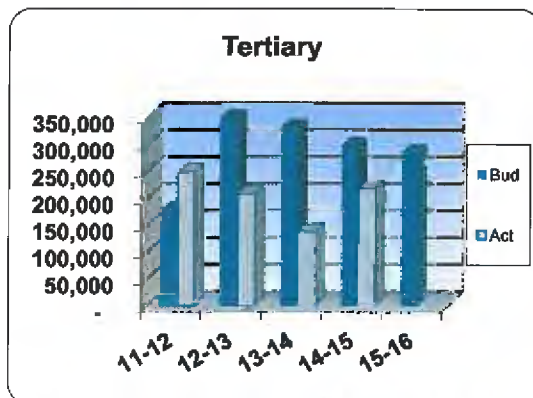
\* work schedule impacted by WWT plant re-hab

#### Materials/Supplies/Contract Services

Polydyne Clarifloc Alum C-2005	15,000	-	15,000
Power (See Soalr Debt Services)	47,000	-	57,600
Supplies	5,000	-	5,000
Custic Soda		-	
Chlorine	45,000	-	48,000
Hypochlorite (HTH)		-	10,000
Misc. Replacement Parts and Material		-	
Telemetry		-	
Dechlorination		-	25,000

Total

<b>112,000</b>	<b>-</b>	<b>160,600</b>
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**RECYCLED WATER DEPARTMENT**

Production Program

**Job Detail**

**TITLE:** Main Plant Tertiary Filter Maintenance

**JOB #:** 834

**DESCRIPTION:** All costs related to maintenance & repair of, but not limited to, the following equip. and structures: Rapid sand filters, applied, backwash, equalization, & mudwell pumps, air scour blowers, chemical pumps, turbidity meters, flocculators, chlorinators, tertiary water pumps at effluent junction structure, filter, flocculator, pump structures & bldgs, motor control centers, reclaimed water pumps, chlorine injection pump & service air compressor.

**WORKLOAD:** Check lubricants, belts, fasteners, controls, pumps and motors on PM's. Perform repairs on all equipment as required.

**EFFECTIVENESS:** Minimize unscheduled repairs to not more than 3 per year.

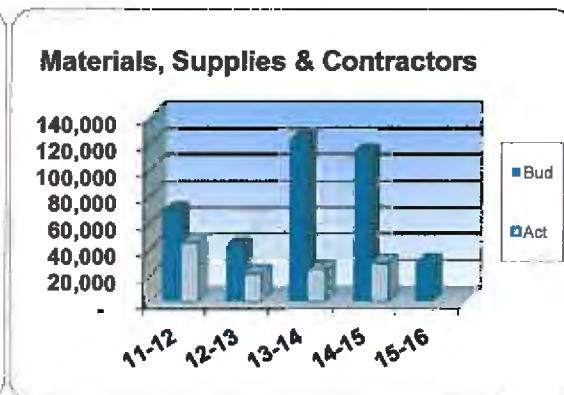
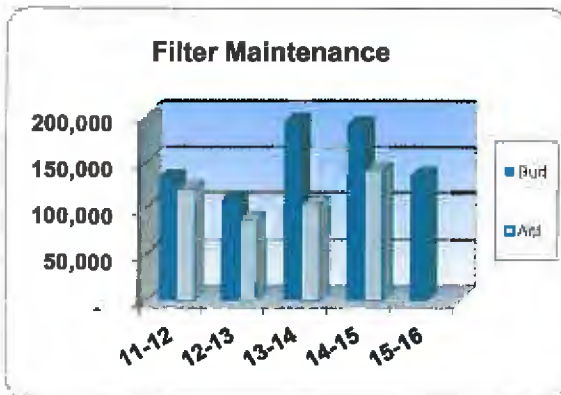
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est.Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	36,520	49,943	52,293
Fringe Benefits	35,278	48,228	45,547
Equipment Allocation	5,295	13,326	7,582
Materials & Supplies	25,750	28,020	21,250
Contract Services	87,500	1,094	9,000
<b>TOTAL EXPENSES</b>	<b>190,344</b>	<b>140,610</b>	<b>135,673</b>

\* reflects maintenance savings associated with new equipment

**Materials/Supplies/ContractServices**

Chem Pump Replace/Clean	-	-	-
Rebuild Recycle Water pumps(1)	-	-	-
Comp Parts/Filters/ Rapid Sand	-	-	-
Material & Supplies	12,000	-	6,000
Contract Serv Chlorine	7,500	-	7,500
Valves-Filters & Backwash Line	-	-	-
Unexpected Breakdown/Repair	30,000	-	3,000
Inventory-SSteel Bolts & PVC	750	-	750
Compressor PM kits & parts	3,000	-	3,000
Hydro Clean Chem Clean	10,000	-	10,000
Emergency Funding	50,000	-	-
<b>Total</b>	<b>113,250</b>	<b>-</b>	<b>30,250</b>



**RECYCLED WATER DEPARTMENT**  
Distribution Program

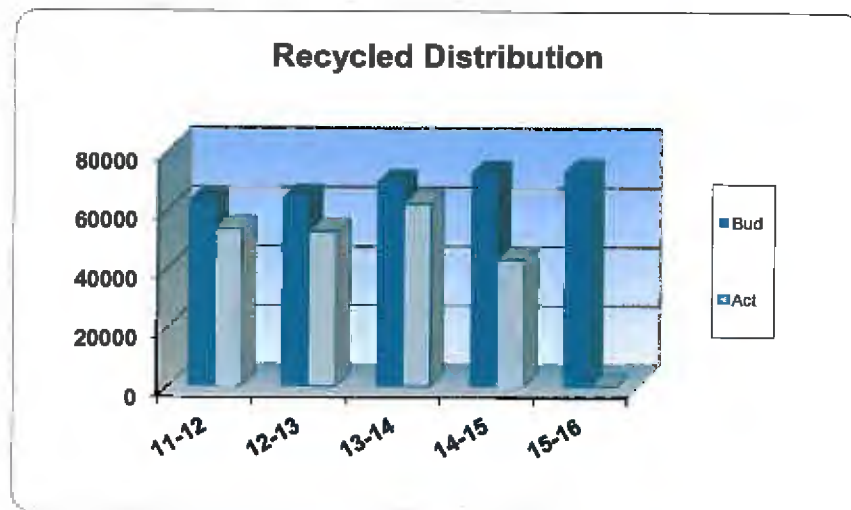
**Program Purpose & Scope:** Program provides distribution of tertiary level recycled water to customers in Fallbrook and the City of Oceanside. Program includes scheduling of water deliveries within production capability of treatment plant, liaison with on-site customer representatives on use of recycled water, inspection of customer facilities to ensure no cross-connections with potable system, and maintenance of the distribution system.

**Level of Service Standards:**

- Comply with applicable Regional Water Quality Control Board permit conditions for distribution and customer use of tertiary treated water.
- Monitor water use by customers to ensure treatment plant capacity is not exceeded.

**PROGRAM BUDGET**

	<b>2014-15 Budget</b>	<b>2014-15 Est. Actual</b>	<b>2015-16 Budget</b>
<b>Expenses</b>			
Labor	27,242	18,454	26,399
Fringe Benefits	26,316	17,819	22,994
Equipment Allocation	4,495	2,808	4,356
Materials & Supplies	8,150	2,794	12,350
Contract Services	6,250	1,180	7,100
<b>TOTAL EXPENSES</b>	<b>72,453</b>	<b>43,054</b>	<b>73,198</b>



**RECYCLED WATER DEPARTMENT**  
Distribution Program  
**Job Detail**

**TITLE:** Recycled Water: Systems Operators  
**JOB #:** 115  
**DESCRIPTION:** Wages & benefits for Systems Operators  
Sampling, testing and inspection of the Recycled system  
**WORKLOAD:** Monitor recycled water system  
**EFFECTIVENESS:** Ensure compliance with Recycled permit and Title 22

**PROGRAM BUDGET**

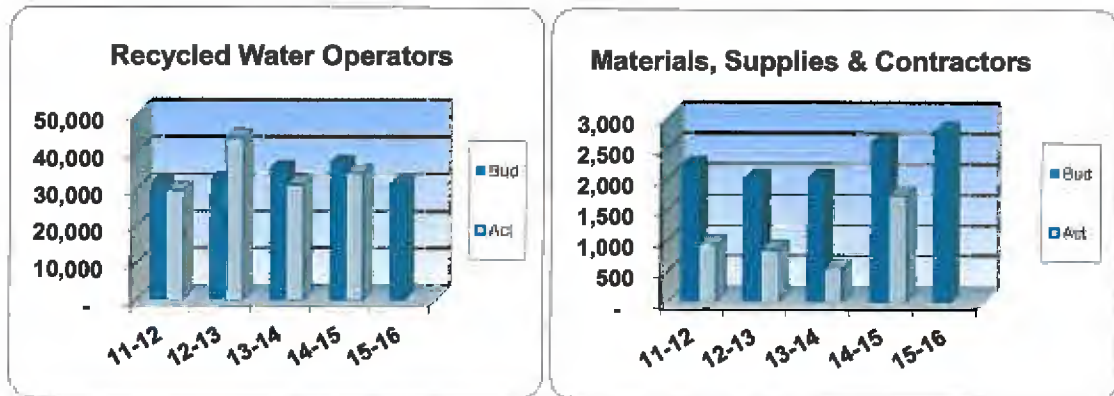
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	16,058	15,372	14,031
Fringe Benefits	15,512	14,842	12,221
Equipment Allocation	2,650	2,392	2,315
Materials & Supplies	1,600	1,731	1,800
Contract Services	1,000	-	1,000
<b>TOTAL EXPENSES</b>	<b>36,820</b>	<b>34,336</b>	<b>31,367</b>

**Materials/Supplies/ContractServices**

Shut Down Tests	1,000	-	1,000
Equipment & Materials	500	-	700
Data Logger	1,100	-	1,100

Total

**2,600      -      2,800**



**RECYCLED WATER DEPARTMENT**  
Distribution Program  
**Job Detail**

**TITLE:** Recycled Water Valve Maintenance  
**JOB #:** 711  
**DESCRIPTION:** L&M required to inspect and repair reclaimed system valves.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

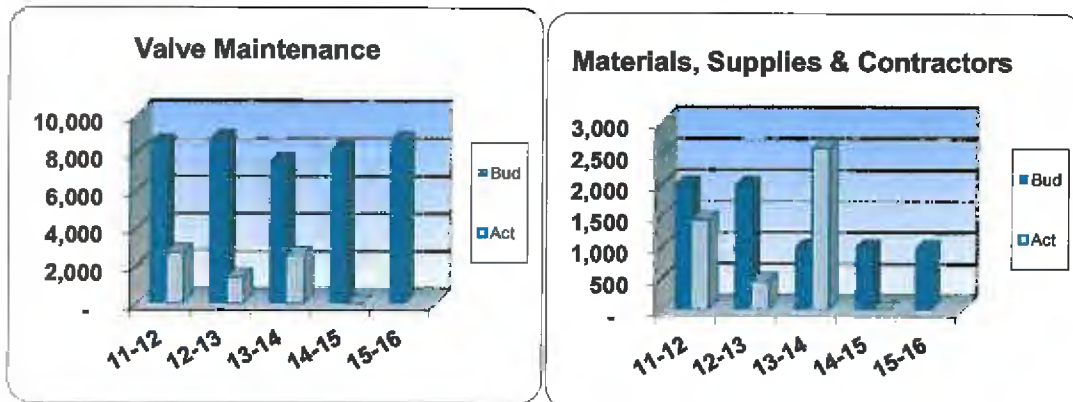
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	3,377	-	3,790
Fringe Benefits	3,262	-	3,301
Equipment Allocation	557	-	625
Materials & Supplies	1,000	-	1,000
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>8,196</b>	<b>-</b>	<b>8,716</b>

**Materials/Supplies/Contract Services**

Inventory	1,000	-	1,000
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**Total**

	<b>1,000</b>	<b>-</b>	<b>1,000</b>
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**RECYCLED WATER DEPARTMENT**  
 Distribution Program  
 Job Detail

**TITLE:** Control Valve Maintenance  
**JOB #:** 713  
**DESCRIPTION:** L&M required to inspect and repair reclaimed system flow and pressure control valves

**WORKLOAD:** As needed repairs.  
 Routine valve maintenance on a 2 to 5 year cycle.

**EFFECTIVENESS:** Ensures that pressure/flow control facilities operate reliably and safely.  
 Routine maintenance reduces the number of control valve failures, thereby reducing the number of pipeline failures, and extends the life of the system.

**PROGRAM BUDGET**

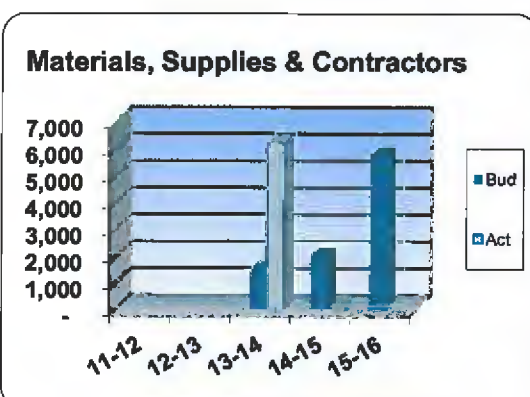
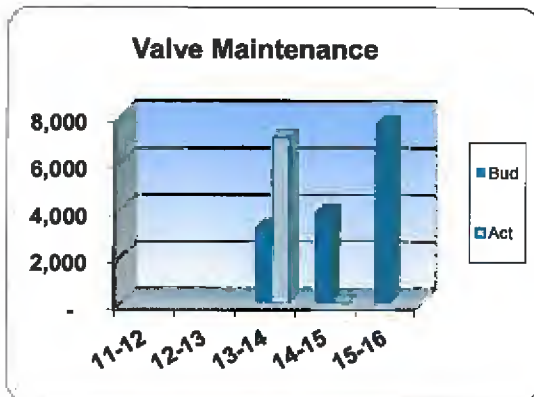
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	887	-	951
Fringe Benefits	857	-	828
Equipment Allocation	146	-	157
Materials & Supplies	750	-	1,750
Contract Services	1,250	-	4,000
<b>TOTAL EXPENSES</b>	<b>3,890</b>	<b>-</b>	<b>7,686</b>

**Materials/Supplies/Contract Services**

Cl Valve Service	750	-	4,000
Equipment & Materials	750	-	750
Fencing/Vault Repair	500	-	1,000

Total

**2,000 - 5,750**



**RECYCLED WATER DEPARTMENT**  
Distribution Program  
**Job Detail**

**TITLE:** Recycled Water Meter Maintenance  
**JOB #:** 716  
**DESCRIPTION:** L&M required to inspect and repair reclaimed meters.

**WORKLOAD:**

**EFFECTIVENESS:**

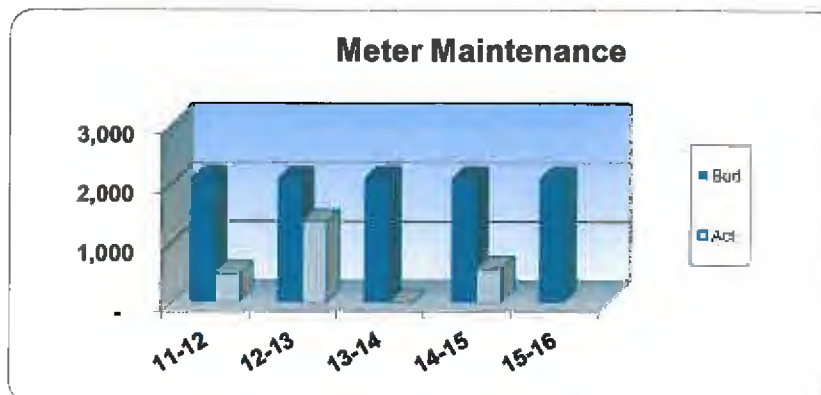
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor		270	
Fringe Benefits	-	261	-
Equipment Allocation	-	36	-
Materials & Supplies	2,100	-	2,100
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>2,100</b>	<b>567</b>	<b>2,100</b>

**Materials/Supplies/Contract Services**

Inventory/Other	2,100	-	2,100
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<b>Total</b>	<b>2,100</b>	<b>-</b>	<b>2,100</b>
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**RECYCLED WATER DEPARTMENT**  
Distribution Program  
Job Detail

**TITLE:** Recycled Water Pipeline Maintenance  
**JOB #:** 721  
**DESCRIPTION:** L&M required to inspect and repair reclaimed pipelines.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

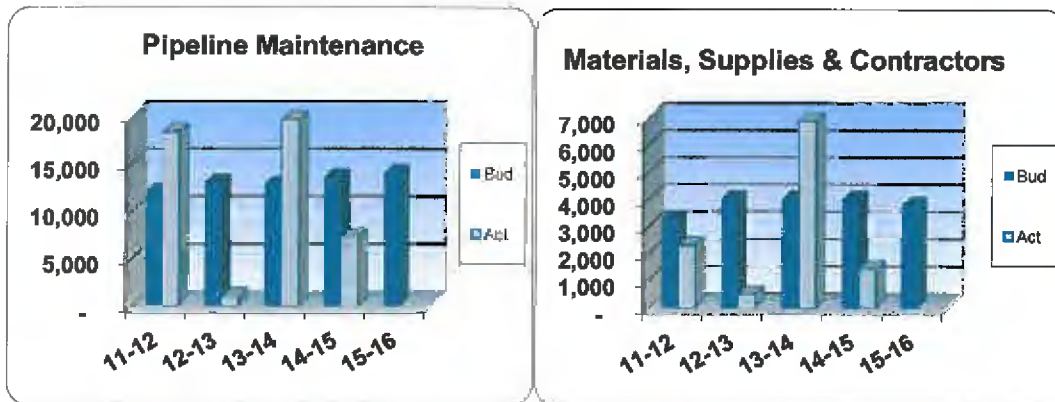
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	4,503	2,773	5,053
Fringe Benefits	4,350	2,679	4,401
Equipment Allocation	743	374	834
Materials & Supplies	2,700	1,063	2,700
Contract Services	1,300	381	1,100
<b>TOTAL EXPENSES</b>	<b>13,596</b>	<b>7,271</b>	<b>14,088</b>

**Materials/Supplies/Contract Services**

Main Line Repairs	2,000	-	2,000
Paving/Compactions/Inspections	700	-	700
Signs		-	
Power	600	-	400
Inventory/Other	700	-	700

**Total**

**4,000                      -                      3,800**



**RECYCLED WATER DEPARTMENT**  
 Distribution Program  
 Job Detail

**TITLE:** Recycled Telemetry  
**JOB #:** 779  
**DESCRIPTION:** Maintain and upgrade SCADA telemetry system.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

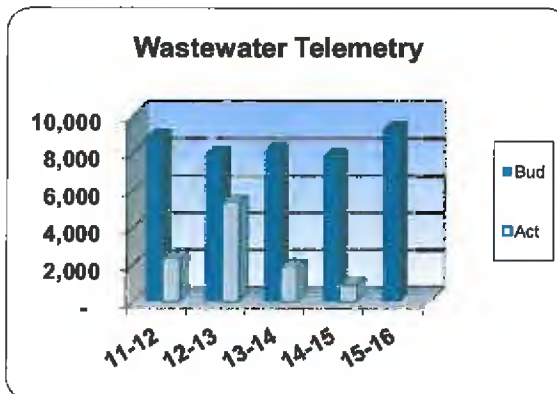
	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	2,417	39	2,574
Fringe Benefits	2,335	37	2,242
Equipment Allocation	399	5	425
Materials & Supplies		-	3,000
Contract Services	2,700	799	1,000
<b>TOTAL EXPENSES</b>	<b>7,851</b>	<b>880</b>	<b>9,241</b>

**Materials/Supplies/Contract Services**

Telemetry & SCADA Support/Software	1,000	-	1,000
Telemetry & SCADA Hardware	1,700	-	3,000

Total

**2,700      -      4,000**





**RECYCLED WATER DEPARTMENT**  
Debt Service Program

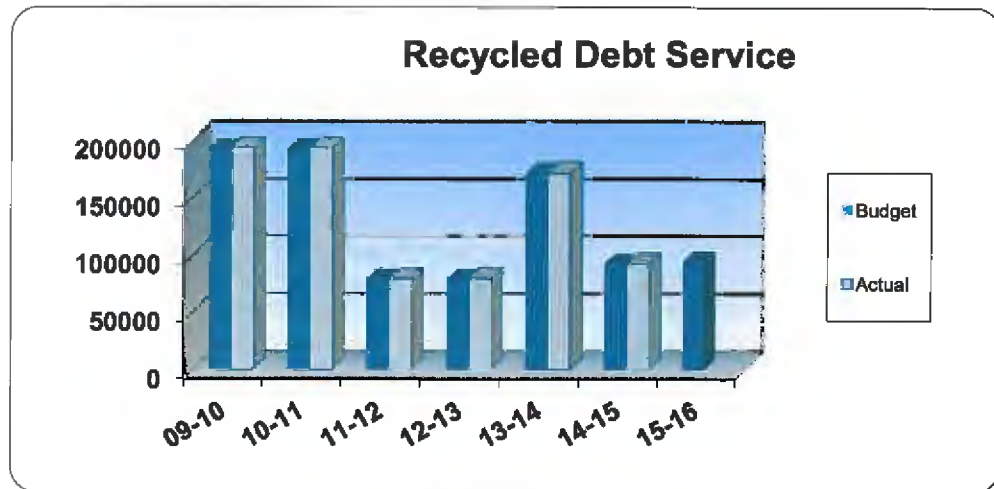
**Program Purpose & Scope**      Program provides revenue from sale of recycled water to meet annual debt service payments for the construction of the production and distribution facilities.

**Level of Service Standards:**

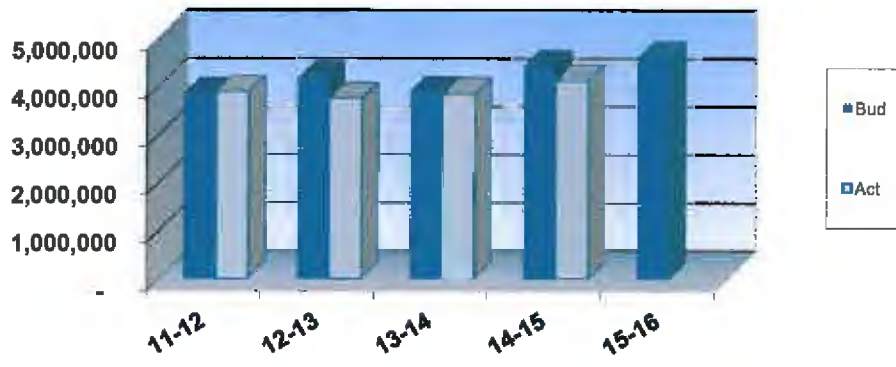
- Transfer \$94,248 per year to the SRF Debt Service Fund to pay the debt on the State Loan for the Wastewater Treatment Plant Rehabilitation

**PROGRAM BUDGET**

	2014-15 <u>Budget</u>	2014-15 <u>Actual</u>	2015-16 <u>Budget</u>
<b>Expenses</b>			
Labor			
Fringe Benefits			
Equipment Allocation			
Transfer to WWTP SRF	92,400	92,400	94,248
<b>TOTAL EXPENSES</b>	<b>92,400</b>	<b>92,400</b>	<b>94,248</b>



### Admin&Finance



## ADMINISTRATION DEPARTMENT

### Budget Summary

#### Department Mission

Provide support serviced to the three operating departments. The Administration budget includes expenses in the following programs.

#### Administration & Financial Management

#### Engineering

#### Community Relations

#### Human Resources

This program includes details and a summary of the Fringe Benefits Program. All fringe benefits are allocated across all labor expenses by a percentage burden rate so that each budget program includes a proportionate share. The Human Resources budget summary excludes fringe benefit expenses.

#### Warehouse & Equipment Support

Similarly, the Warehouse and Equipment Support Program expenses are allocated across all labor to distribute these costs to all programs. Therefore, the Administration Department Budget summary excludes these cost.

The remainder of the Administration budget expenses are then allocated to the Water, Wastewater and Recycled water Departments for the purpose of developing appropriate rate structures and revenues.

#### Admin Dept. Budget Summary

	2014-15 Budget	2014-15 Est. Actual	2015-16 Budget
<b>Expense Allocation</b>			
Water Department	2,299,986	2,181,649	2,398,956
Wastewater Department	1,857,681	1,728,854	1,937,618
Recycled Water Department	265,383	205,816	276,803
<b>Total Allocation</b>	<b>4,423,050</b>	<b>4,116,320</b>	<b>4,613,377</b>
<b>Expenses</b>			
Administration & Financial Mgmt	2,570,320	2,512,316	2,691,278
Engineering	854,734	746,352	893,117
Community Relations	249,394	172,075	281,069
Personnel Support	748,602	685,577	747,912
<b>Total Expenses</b>	<b>4,423,050</b>	<b>4,116,320</b>	<b>4,613,377</b>
<b>Net Revenue/(Expense)</b>	-	-	-

**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program

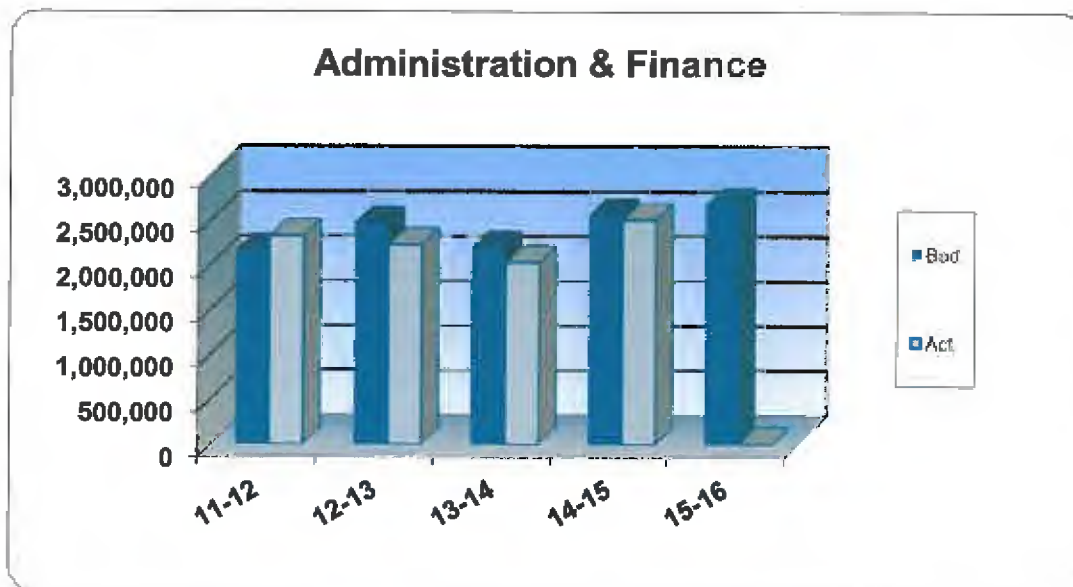
**Program Purpose & Scope:** Program provides policy development, executive management, financial management, and administrative support services for all District activities. Includes support for the elected Board of Directors, Legal Counsel for Board and staff, accounting and audit services, maintenance of buildings, insurance, investment and cash management, executive level management of all District programs, and maintenance of equipment and inventory control.

**Level of Service Standards:**

- Provide education, training and staff support for the Board of Directors
- Carry out policies established by Board of Directors
- Provide day to day management of district activities
- Protect District cash assets through prudent investments within policy guidelines
- Provide an accounting system to assist management in operating the District in an efficient and cost effective manner.
- Provide adequate office space and computer support services
- Maintain equipment with minimum down time

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	841,340	843,276	912,256
Fringe Benefits	788,584	801,079	777,155
Equipment Allocation	92,496	97,468	101,182
Materials & Supplies	85,400	94,942	83,400
Contract Services	762,500	675,552	817,285
<b>TOTAL EXPENSES</b>	<b>2,570,320</b>	<b>2,512,316</b>	<b>2,691,278</b>



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Management Information Systems  
**JOB #:** 602  
**DESCRIPTION:** All of the functions necessary to provide Management Information Systems Support to all departments.

**WORKLOAD:** Upgrades and maintenance can be scheduled. Majority of effort is predicated on hardware and software failures/problems.

**EFFECTIVENESS:** Rapid response to ensure that all applications are current and "down" time is limited to no more than four hours.

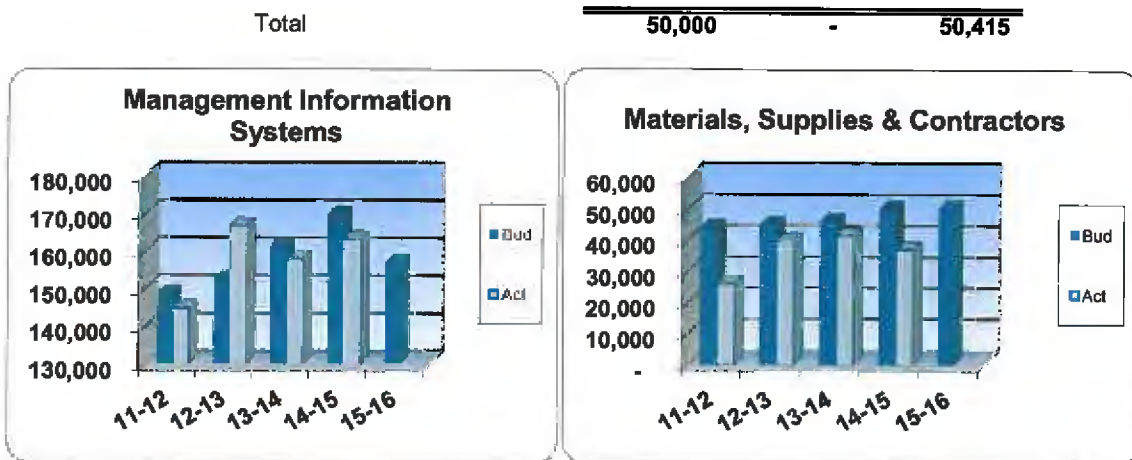
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	58,029	61,077	54,199
Fringe Benefits	56,056	58,976	47,207
Equipment Allocation	6,093	6,412	5,691
Materials & Supplies		25,610	
Contract Services	50,000	11,218	50,415
<b>TOTAL EXPENSES</b>	<b>170,178</b>	<b>163,293</b>	<b>157,512</b>

\* reflects shift in cost due to Springbrook conversion (refer to job # 605)

**Materials/Supplies/Contract Services**

Software Upgrades	1,400	-	1,000
Hardware Upgrades	25,000	-	25,000
System Maintenance	12,500	-	12,000
Emergency Repairs	2,000	-	2,500
Software Licensing renewals	7,500	-	7,500
Laserfiche Avante Maintenance	1,600	-	2,415
<b>Total</b>	<b>50,000</b>	<b>-</b>	<b>50,415</b>



**ADMINISTRATION DEPARTMENT**  
**Administration & Financial Management Program**  
**Job Detail**

**TITLE:** Joint Powers Authority

**JOB #:** 601

**DESCRIPTION:** FPUD's portion of costs associated with the formation of the Joint Powers Authority.

**WORKLOAD:** For FY 15-16 Zero will be budgeted since RMWD left the JPA effective 4/5/14  
 If FPUD finds another agency to participate in the JPA, a budget amendment will be made accordingly.

**EFFECTIVENESS:**

**PROGRAM BUDGET**

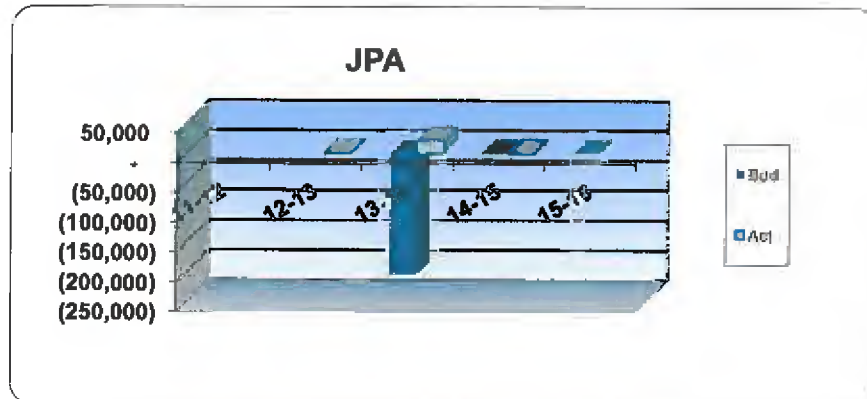
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor		-	
Fringe Benefits	-	-	-
Equipment Allocation		-	
Materials & Supplies	-	-	
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Materials/Supplies/Contract Services**

- Legal Services
- Consultants
- Director Per Diem
- Insurance
- Office Supplies
- Public Notice/Advertising
- Other
- Community Relations

Total

-	-	-
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**ADMINISTRATION DEPARTMENT**  
**Administration & Financial Management Program**  
**Job Detail**

**TITLE:** Watermaster Finance Support  
**JOB #:** 600  
**DESCRIPTION:** Reimbursable Finance & Accounting support for the Watermaster  
 Reimbursement by the Watermaster is budgeted for in Water's Sundry Revenue

**WORKLOAD:**

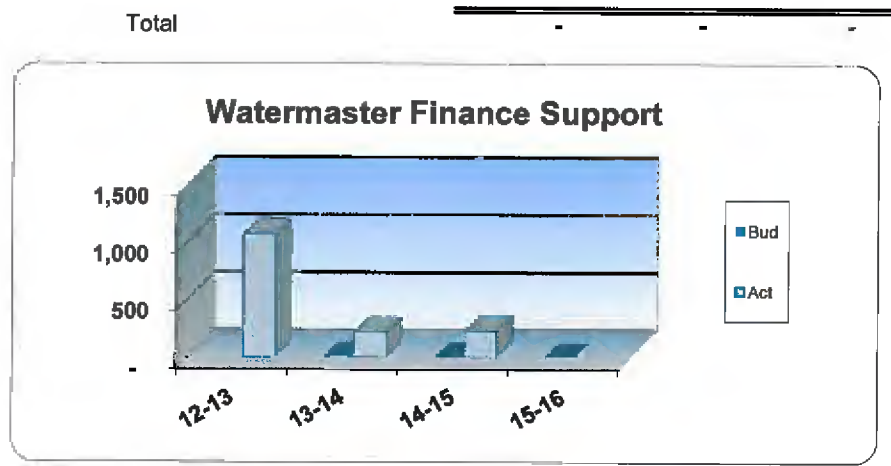
**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor		3,650	
Fringe Benefits	-	3,526	-
Equipment Allocation	-	383	-
Materials & Supplies		(7,331)	
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	-	<b>229</b>	-

**Materials/Supplies/Contract Services**

Copy/Postage  
 Other



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Watermaster Support

**JOB #:** 603

**DESCRIPTION:** Reimbursable FPUD employee Finance & Accounting support for the Watermaster. Reimbursement by the Watermaster is budgeted for in Water's Sundry Revenue.

**WORKLOAD:**

**EFFECTIVENESS:**

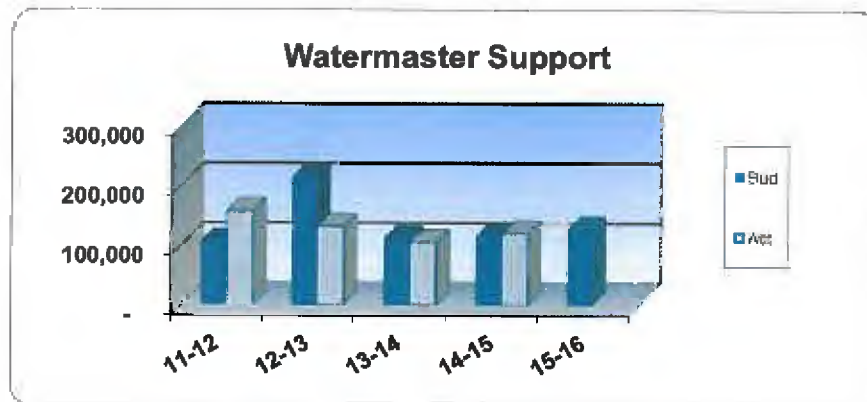
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	55,911	57,960	64,563
Fringe Benefits	54,010	55,958	56,234
Equipment Allocation	5,871	6,084	6,779
Materials & Supplies	-	-	-
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>115,792</b>	<b>120,003</b>	<b>127,576</b>

**Materials/Supplies/Contract Services**

Copy/Postage  
Other

Total





**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** FPUDEA Meetings  
**JOB #:** 604  
**DESCRIPTION:** Wages charged for FPUDEA meeting attendance

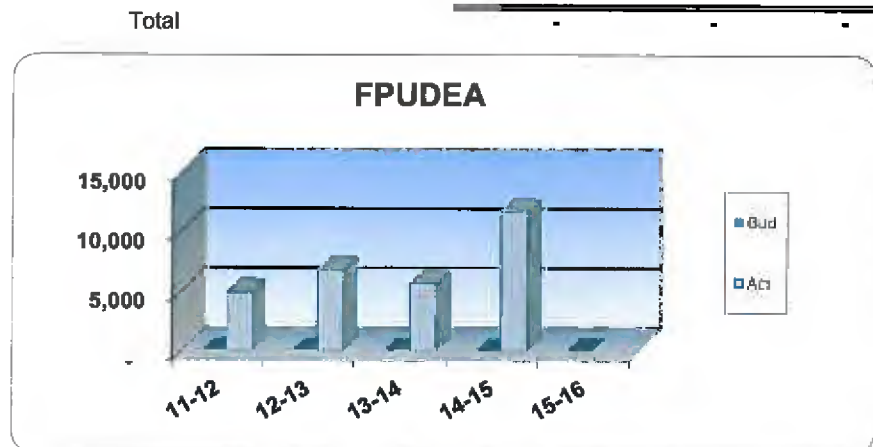
**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor		5,621	
Fringe Benefits	-	5,430	-
Equipment Allocation	-	590	-
Materials & Supplies			
Contract Services	-		-
<b>TOTAL EXPENSES</b>	<b>-</b>	<b>11,641</b>	<b>-</b>

**Materials/Supplies/Contract Services**



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Springbrook Conversion  
**JOB #:** 605  
**DESCRIPTION:** Wages for non-capital conversion expenses

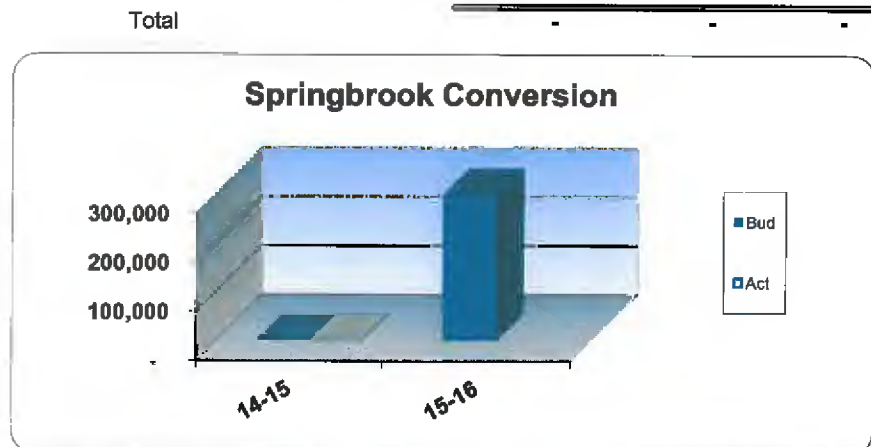
**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	150,994
Fringe Benefits	-	-	131,516
Equipment Allocation	-	-	15,854
Materials & Supplies			
Contract Services	-		-
<b>TOTAL EXPENSES</b>	<b>-</b>	<b>-</b>	<b>298,364</b>

**Materials/Supplies/Contract Services**



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Legal Services  
**JOB #:** 612-21  
**DESCRIPTION:** All fees for professional legal services, to include general and specialized legal issues.

**WORKLOAD:**

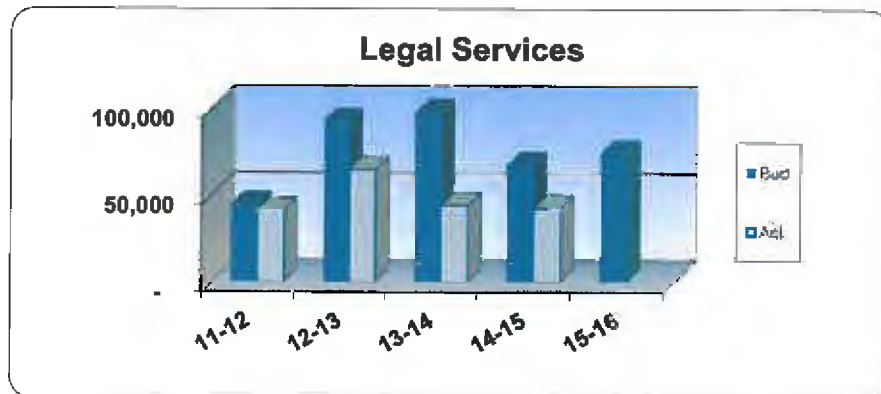
**EFFECTIVENESS:**

**PROGRAM BUDGET**

<b>Expenses</b>	<b>2014-15 <u>Budget</u></b>	<b>2014-15 <u>Est. Actual</u></b>	<b>2015-16 <u>Budget</u></b>
Labor		173	
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	68,000	42,387	75,000
<b>TOTAL EXPENSES</b>	<b>68,000</b>	<b>42,560</b>	<b>75,000</b>

**Materials/Supplies/Contract Services**

FPUD vs PERS & Other Negotiations	30,000	-	15,000
H.R. Issues	5,000	-	5,000
RedMtn		-	-
Regulatory	5,000	-	20,000
FPUD vs. SDG&E	5,000	-	-
Sachse James District Counsel	23,000	-	25,000
<b>Total</b>	<b>68,000</b>	<b>-</b>	<b>75,000</b>



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Annual Audit

**JOB #:** 612-22

**DESCRIPTION:** All fees associated with the annual audit of District books. Also included is the Single Audit as required for receipt of Federal funds such as the District's two SRF (State Revolving Fund) loans.

**WORKLOAD:** Additional auditing requirements will be met once the District goes live with the new Springbrook software. This will be a one time charge.

**EFFECTIVENESS:**

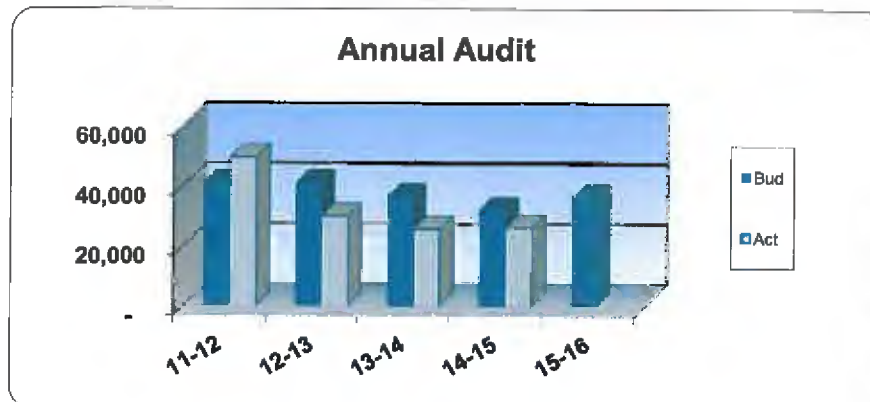
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	32,300	26,102	36,500
<b>TOTAL EXPENSES</b>	<b>32,300</b>	<b>26,102</b>	<b>36,500</b>

**Materials/Supplies/Contract Services**

Audit firm	27,100	-	27,250
GASB 45 Actuarial study (PERS Criteria)	-	-	-
Other-Springbrook Go Live Auditing	-	-	4,000
Single Audit	5,200	-	5,250

<b>Total</b>	<b>32,300</b>	<b>-</b>	<b>36,500</b>
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**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Claims

**JOB #:** 612-23

**DESCRIPTION:** Property damage or small claims damages against the District which are not funded through JPIA.

**WORKLOAD:** District responds to small claims for minor property damage.

**EFFECTIVENESS:**

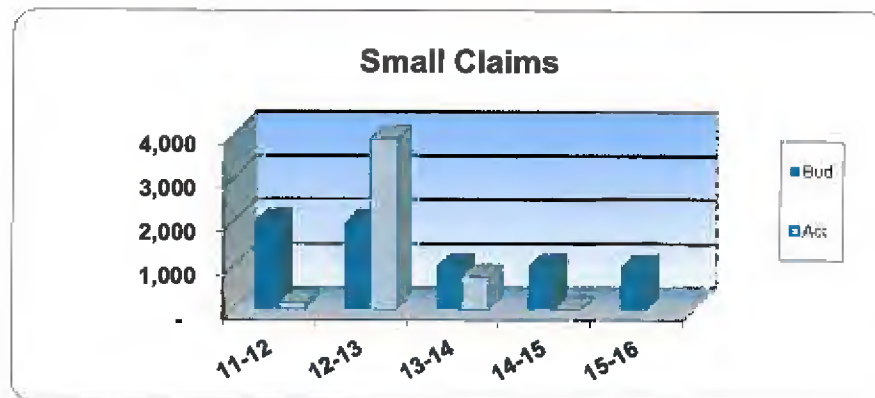
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	1,000	-	1,000
<b>TOTAL EXPENSES</b>	<b>1,000</b>	<b>-</b>	<b>1,000</b>

**Materials/Supplies/Contract Services**

Small Claims	1,000	-	1,000
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**Total** 1,000      -      1,000



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Directors Expenses

**JOB #:** 612-24

**DESCRIPTION:** All expenses for travel, registration, meals, lodging or other expenses approved by the Board for reimbursement for conducting District business. Also included is a flat fee paid on a per meeting basis to each director.

**WORKLOAD:** Also included for FY 14-15 are election costs for seats 4 & 5.

**EFFECTIVENESS:**

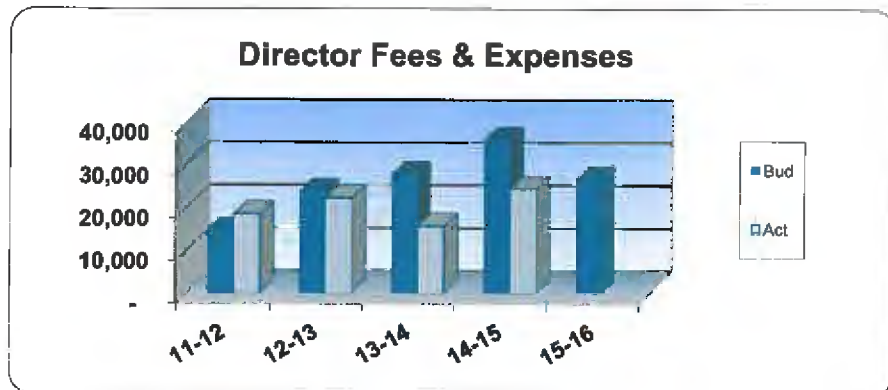
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	25,000	13,361	20,000
Fringe Benefits		-	
Equipment Allocation		-	
Materials & Supplies		-	
Contract Services	11,000	11,084	7,000
<b>TOTAL EXPENSES</b>	<b>36,000</b>	<b>24,445</b>	<b>27,000</b>

**Materials/Supplies/Contract Services**

Fees	25,000	-	
Travel, Registration	7,000	-	7,000
Customer Service Survey		-	
Other-Seats 4&5 election costs	4,000	-	-

Total 36,000 - 7,000



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Advertising  
**JOB #:** 612-26  
**DESCRIPTION:** All advertising as required by law, to include meeting notices, ordinances, & request for bids.

**WORKLOAD:**

**EFFECTIVENESS:**

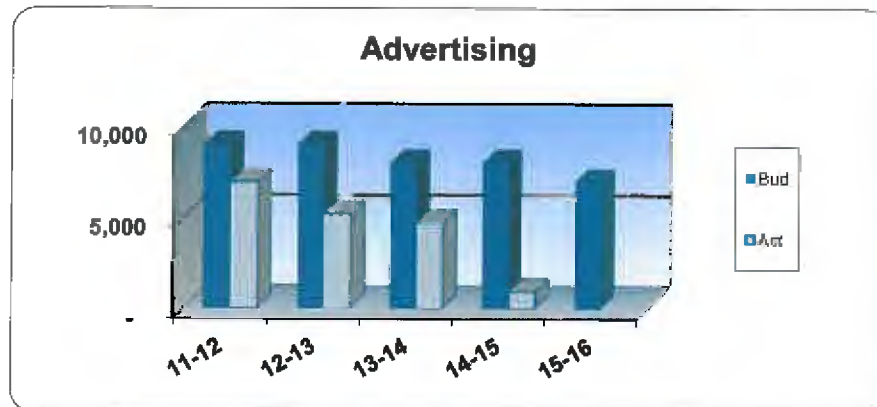
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	8,000	906	7,000
<b>TOTAL EXPENSES</b>	<b>8,000</b>	<b>906</b>	<b>7,000</b>

**Materials/Supplies/Contract Services**

Legal notices	2,000	-	1,000
Bid Notices	-	-	-
Prop 218 mailing	6,000	-	6,000
Other	-	-	-

Total 8,000 - 7,000



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Publications  
**JOB #:** 612-27  
**DESCRIPTION:** Publications & subscriptions purchased for district use.

**WORKLOAD:**

**EFFECTIVENESS:**

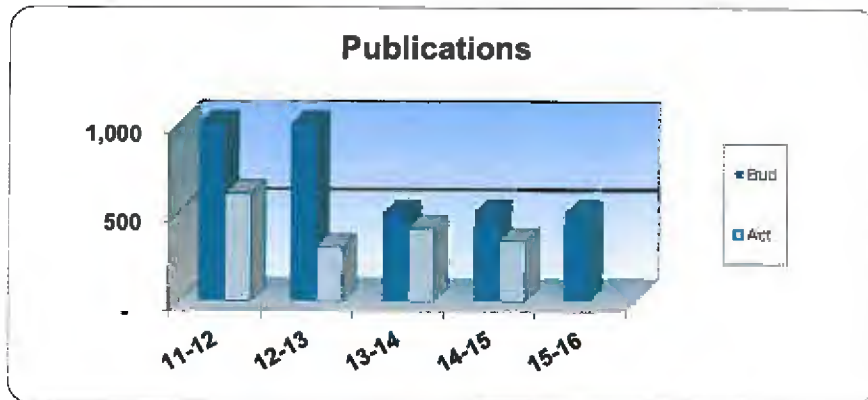
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	500	340	500
<b>TOTAL EXPENSES</b>	<b>500</b>	<b>340</b>	<b>500</b>

**Materials/Supplies/Contract Services**

Publications	500	-	500
Other	-	-	-

Total 500 - 500





**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Travel & Meetings  
**JOB #:** 612-28  
**DESCRIPTION:** Costs for travel and meetings, general conferences, and their costs.

**WORKLOAD:**

**EFFECTIVENESS:**

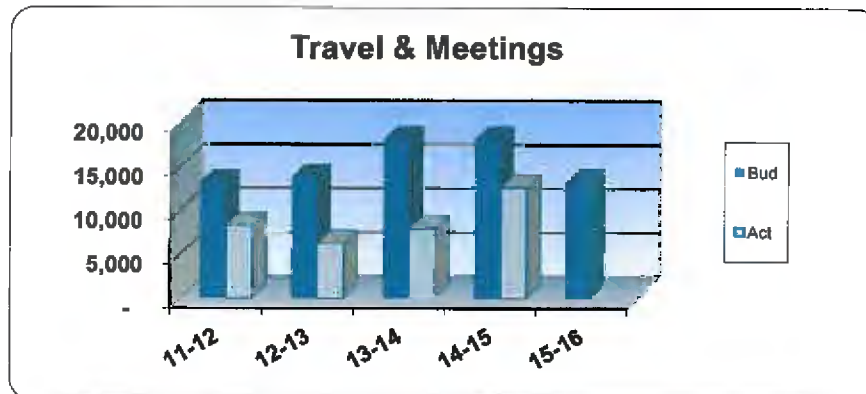
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor		-	
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies		-	
Contract Services	18,100	12,649	13,320
<b>TOTAL EXPENSES</b>	<b>18,100</b>	<b>12,649</b>	<b>13,320</b>

**Materials/Supplies/Other**

Mileage Reimbursement	2,100	-	2,100
GM-ACWA and 2 others	11,500	-	5,000
Meeting Travel-Bebbee-ACWA/Waterreuse	4,500	-	6,220
Other		-	

<b>Total</b>	<b>18,100</b>	<b>-</b>	<b>13,320</b>
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**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Telephones

**JOB #:** 612-29

**DESCRIPTION:** Local & long distance billing & service charges for all District telephone locations, including emergency cellular phones and pagers. Also includes repairs to phones/lines owned by District.

**WORKLOAD:**

**EFFECTIVENESS:**

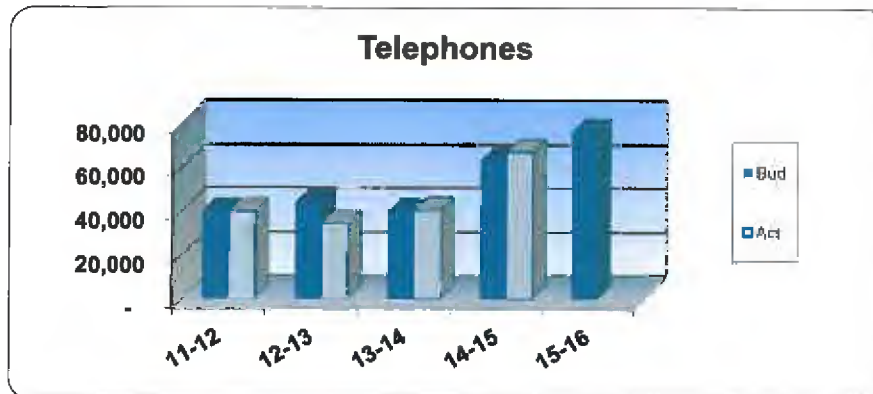
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor		-	
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies			
Contract Services	63,100	66,758	76,150
<b>TOTAL EXPENSES</b>	<b>63,100</b>	<b>66,758</b>	<b>76,150</b>

**Materials/Supplies/Contract Services**

Telephone service-Local & Long Distance	10,000	-	15,000
Mobile Phones-Cell phones/pagers/PC card	16,000	-	14,000
System/Lines-T1/Web & Email	27,600	-	37,100
Conference Calling	500	-	200
Mitel Phone Systems	9,000	-	9,850

Total 63,100 - 76,150



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Office Supplies  
**JOB #:** 612-31  
**DESCRIPTION:** Costs to purchase office supplies and small office equipment.

**WORKLOAD:**

**EFFECTIVENESS:**

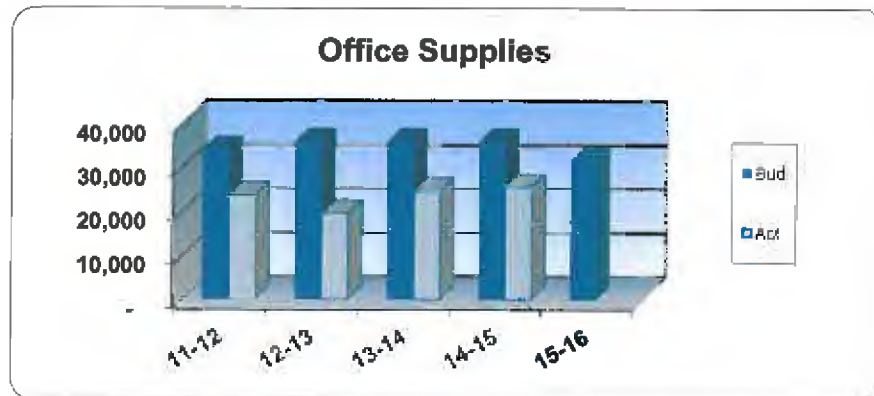
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	36,000	25,569	32,000
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>36,000</b>	<b>25,569</b>	<b>32,000</b>

**Materials/Supplies/Contract Services**

Office Supplies	25,000	-	25,000
Other-Toner/printer cartridges	3,000	-	3,000
Office Furniture	8,000	-	4,000

Total 36,000 - 32,000



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
Job Detail

**TITLE:** Postage (non-billing)  
**JOB #:** 612-33  
**DESCRIPTION:** Postage as required. Does not include charges to mail billings.

**WORKLOAD:**

**EFFECTIVENESS:**

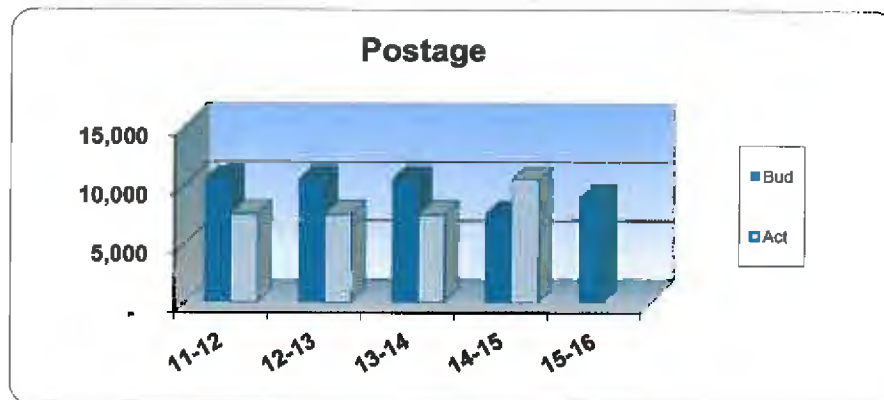
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	5,000	-	6,500
Contract Services	2,500	10,431	2,500
<b>TOTAL EXPENSES</b>	<b>7,500</b>	<b>10,431</b>	<b>9,000</b>

**Materials/Supplies/Contract Services**

Postage Equipment	2,500	-	2,500
Postage	5,000	-	6,500
Other	-	-	-

Total 7,500 - 9,000



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Property Taxes  
**JOB #:** 612-34  
**DESCRIPTION:** Property Taxes for property owned outside of District boundaries.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	300	179	300
<b>TOTAL EXPENSES</b>	<b>300</b>	<b>179</b>	<b>300</b>

**Materials/Supplies/Contract Services**

Two/Three Parcels	300	-	300
Other			

Total 300 - 300



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Office Equipment Maintenance  
**JOB #:** 612-40  
**DESCRIPTION:** Repairs and necessary upgrades to maintain all District office equipment.

**WORKLOAD:**

**EFFECTIVENESS:**

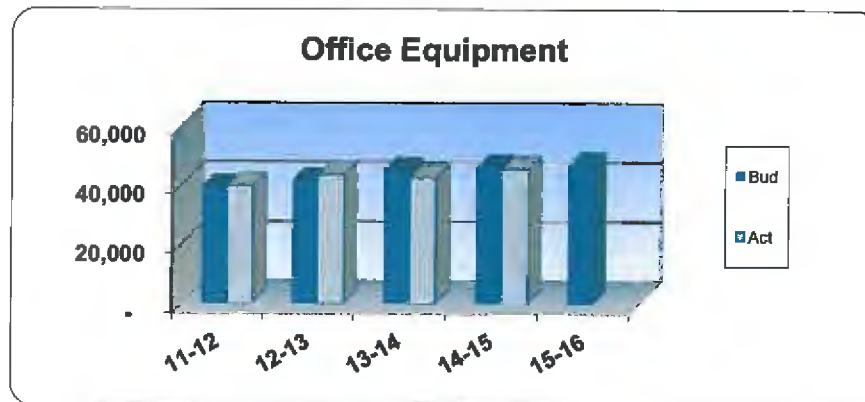
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	500	-	500
Contract Services	45,500	45,448	46,500
<b>TOTAL EXPENSES</b>	<b>46,000</b>	<b>45,448</b>	<b>47,000</b>

**Materials/Supplies/Contract Services**

Mailing Equip Maint Agree	-	-	-
Copier Lease & Maintenance	45,000	-	46,000
Remittance Processor	-	-	-
Copier Taxes	500	-	500
Other repair parts	500	-	500

Total 46,000 - 47,000



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Liability/Property Insurance  
**JOB #:** 612-41  
**DESCRIPTION:** District Property Damage, Dam and Liability coverage.

**WORKLOAD:**

**EFFECTIVENESS:**

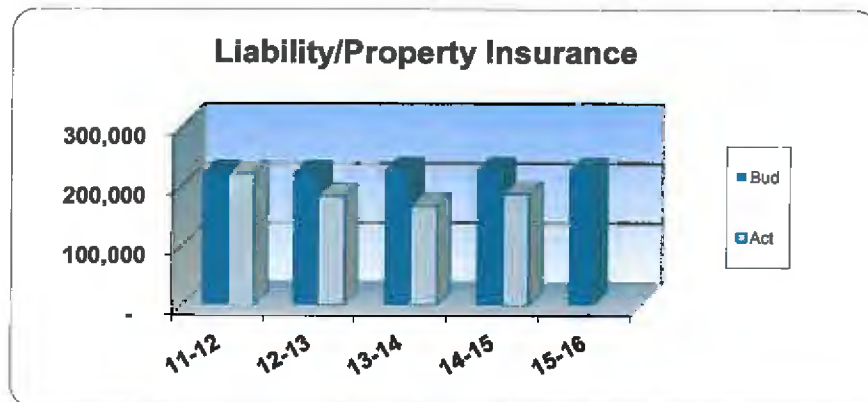
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	227,000	185,781	227,000
<b>TOTAL EXPENSES</b>	<b>227,000</b>	<b>185,781</b>	<b>227,000</b>

**Materials/Supplies/Contract Services**

Liability	175,000	-	175,000
Property	40,000	-	40,000
Dam	12,000	-	12,000
Retro Charges	-	-	-
Other	-	-	-

Total 227,000 - 227,000



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Miscellaneous G&A Expenses  
**JOB #:** 612-43  
**DESCRIPTION:** Miscellaneous non-office supplies, such as DMV fees, recording fees, etc.

**WORKLOAD:**

**EFFECTIVENESS:**

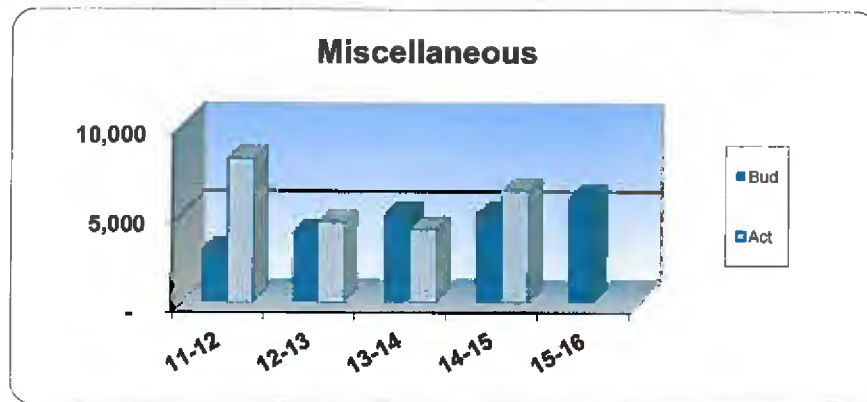
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	5,000	6,294	6,000
<b>TOTAL EXPENSES</b>	<b>5,000</b>	<b>6,294</b>	<b>6,000</b>

**Materials/Supplies/Contract Services**

Other	5,000	-	6,000
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Total 5,000 - 6,000





**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Membership Dues  
**JOB #:** 612-45  
**DESCRIPTION:** Fees/Dues for District Memberships

**WORKLOAD:**

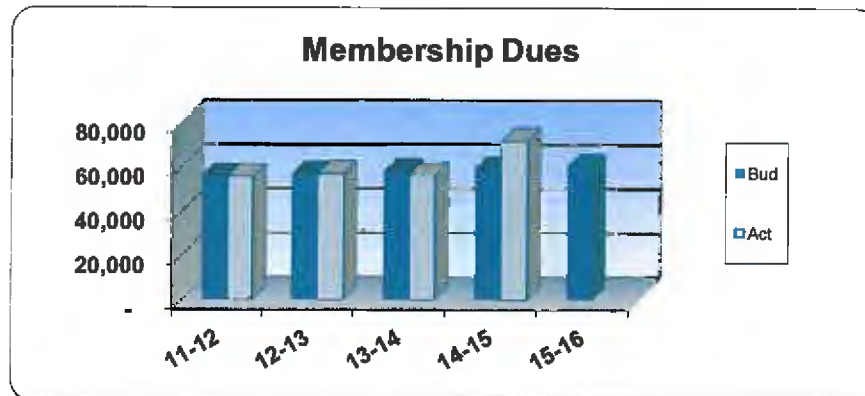
**EFFECTIVENESS:**

**PROGRAM BUDGET**

<b>Expenses</b>	<b>2014-15 Budget</b>	<b>2014-15 Est. Actual</b>	<b>2015-16 Budget</b>
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	59,400	71,585	60,600
<b>TOTAL EXPENSES</b>	<b>59,400</b>	<b>71,585</b>	<b>60,600</b>

**Materials/Supplies/Contract Services**

ACWA	20,000	-	20,000
CSDA	5,400	-	5,700
WaterReuse	2,500	-	2,500
CASA	8,500	-	8,500
LAFCO	17,000	-	17,000
Other	4,000	-	4,000
AWWA	2,000	-	2,900
<b>Total</b>	<b>59,400</b>	<b>-</b>	<b>60,600</b>



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** General Manager  
**JOB #:** 613-21  
**DESCRIPTION:** Wages and benefits for the General Manager.

**WORKLOAD:**

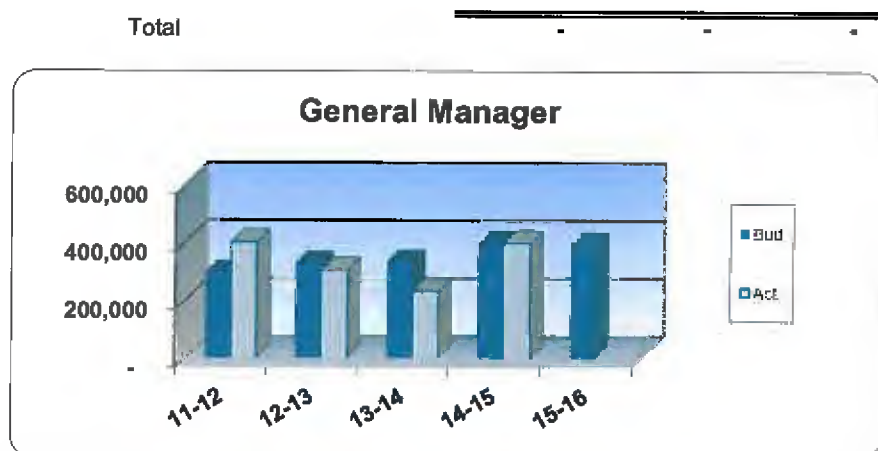
**EFFECTIVENESS:** The JPA with Rainbow was dissolved 4/5/14. No additional cost savings.

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	192,094	192,415	197,935
Fringe Benefits	185,563	185,873	172,401
Equipment Allocation	20,170	20,204	20,783
Materials & Supplies	-	-	-
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>397,827</b>	<b>398,491</b>	<b>391,120</b>

\* variances are due to sick and vacation used or not used

**Materials/Supplies/Contract Services**



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Secretary  
**JOB #:** 613-51  
**DESCRIPTION:** Wages & benefits for the Board Secretary.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	70,228	71,397	77,158
Fringe Benefits	67,840	68,930	67,205
Equipment Allocation	7,374	7,497	8,102
Materials & Supplies		-	
Contract Services	8,000	8,870	8,200
<b>TOTAL EXPENSES</b>	<b>153,442</b>	<b>156,694</b>	<b>160,664</b>

\* variances are due to sick and vacation used or not used

**Materials/Supplies/Contract Services**

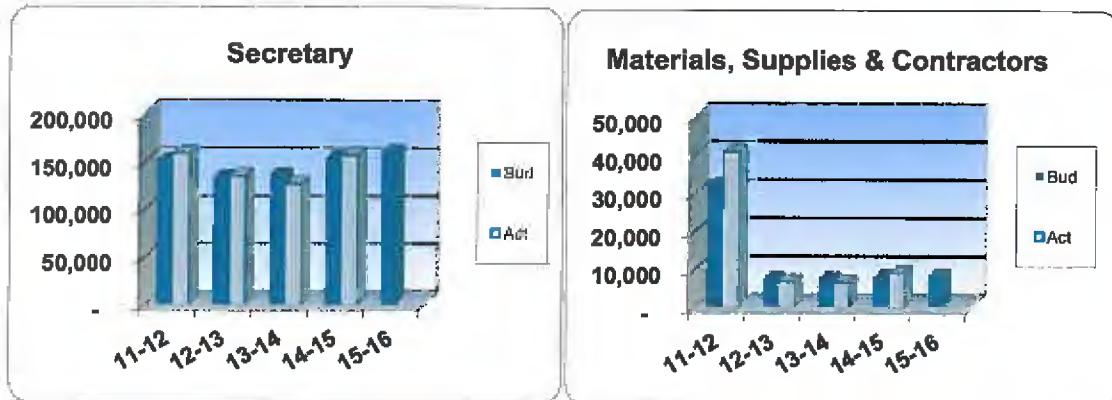
State Mandated		-	
HP Parcel Programming	2,500	-	2,700
Storage	5,500	-	5,500

Total

**8,000**

-

**8,200**



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Administrative Assistant  
**JOB #:** 613-55  
**DESCRIPTION:** Wages & benefits for the Administrative Assistant.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

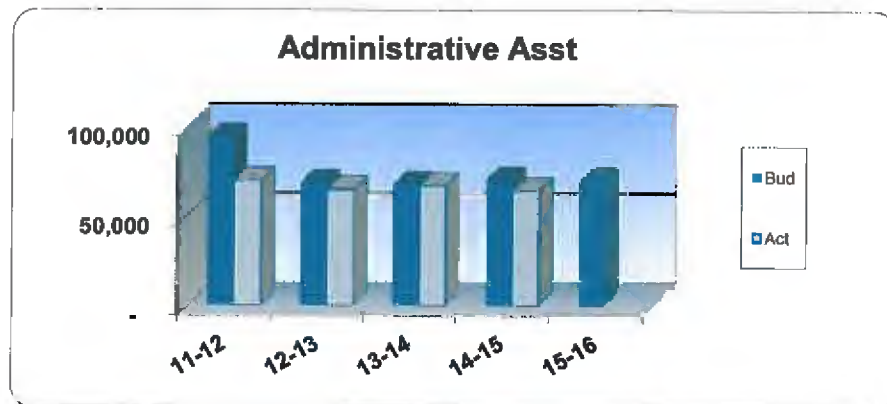
	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	34,012	31,058	35,566
Fringe Benefits	32,856	29,976	30,978
Equipment Allocation	3,571	3,261	3,734
Materials & Supplies	-	-	-
Contract Services	-	46	-
<b>TOTAL EXPENSES</b>	<b>70,439</b>	<b>64,340</b>	<b>70,278</b>

\* variances are due to sick and vacation used or not used

**Materials/Supplies/Contract Services**

Temp Service

Total



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Administrative Services Manager/Treasurer  
**JOB #:** 613-61  
**DESCRIPTION:** Wages & benefits for the Administrative Services Manager/Treasurer and bank fees

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

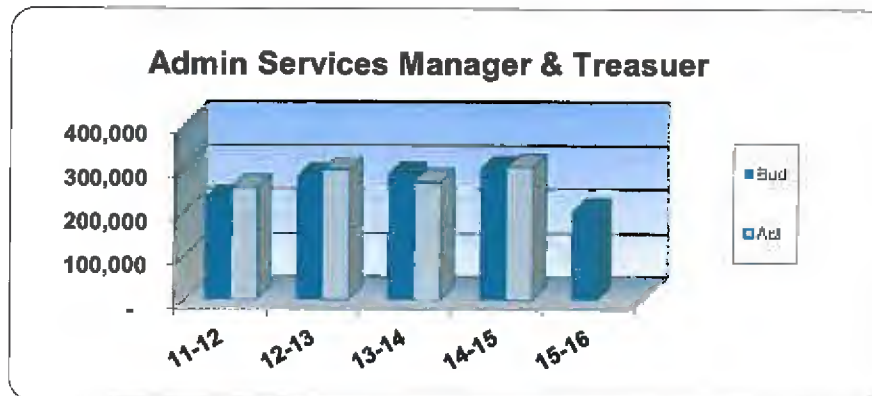
	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	128,281	128,562	82,940
Fringe Benefits	123,919	124,113	72,241
Equipment Allocation	13,470	13,499	8,709
Materials & Supplies		-	
Contract Services	34,000	36,175	40,000
<b>TOTAL EXPENSES</b>	<b>299,670</b>	<b>302,349</b>	<b>203,889</b>

\* reflects shift in cost due to Springbrook conversion (refer to job # 605)

**Materials/Supplies/Contract Services**

JPIA Reimbursement		-	
Bank Fees & ACH origination	34,000	-	40,000

Total 34,000      -      40,000



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Accounting  
**JOB #:** 613-62  
**DESCRIPTION:** Wages and benefits for accounting employees.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

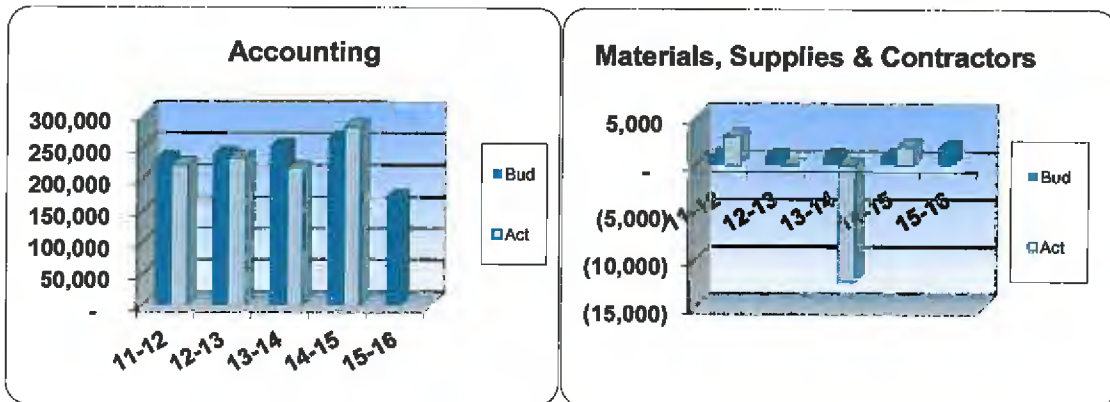
	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	127,330	135,219	85,773
Fringe Benefits	123,001	130,547	74,708
Equipment Allocation	13,370	14,198	9,006
Materials & Supplies		-	
Contract Services	1,000	1,927	2,000
<b>TOTAL EXPENSES</b>	<b>264,700</b>	<b>281,891</b>	<b>171,487</b>

\* reflects shift in cost due to Springbrook conversion (refer to job # 605)

**Materials/Supplies/Contract Services**

Contract Services	1,000	-	2,000
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**Total** 1,000    -    2,000



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Cashier/Receptionist  
**JOB #:** 613-71  
**DESCRIPTION:** Wages & benefits for Cashier/Receptionist

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	67,583	68,834	50,743
Fringe Benefits	65,285	66,466	44,197
Equipment Allocation	7,096	7,228	5,328
Materials & Supplies	-	-	-
Contract Services	3,000	21,242	4,000
<b>TOTAL EXPENSES</b>	<b>142,964</b>	<b>163,770</b>	<b>104,268</b>

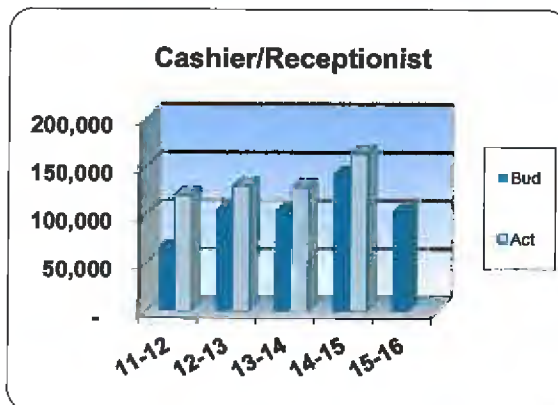
\* new hires allocated all time to this job

**Materials/Supplies/Contract Services**

Temporary Labor	3,000	-	4,000
Other			

Total

**3,000      -      4,000**



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Electricity  
**JOB #:** 105  
**DESCRIPTION:** Electric for various stations and Capa Well  
(Except Job 105.62)

**WORKLOAD:**

**EFFECTIVENESS:**

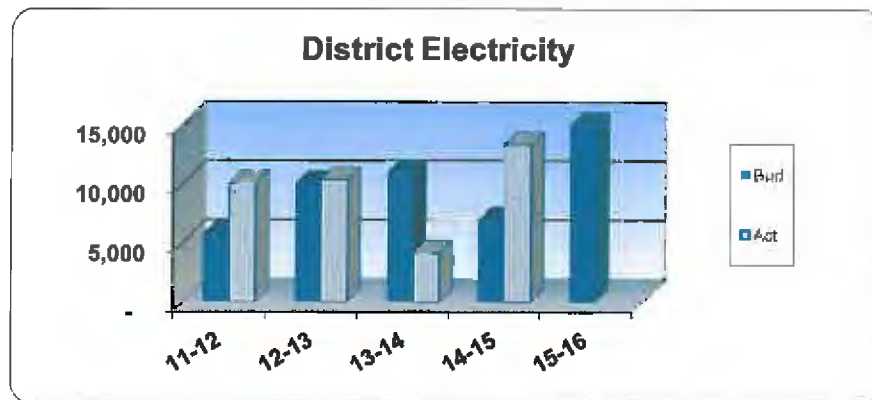
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	7,000	13,285	15,000
<b>TOTAL EXPENSES</b>	<b>7,000</b>	<b>13,285</b>	<b>15,000</b>

**Materials/Supplies/Contract Services**

Power	7,000	-	15,000
Other	-	-	-

Total 7,000 - 15,000





**ADMINISTRATION DEPARTMENT**  
**Administration & Financial Management Program**  
**Job Detail**

**TITLE:** Jury Duty  
**JOB #:** 660  
**DESCRIPTION:** Wages paid to employees chosen for Jury Duty.

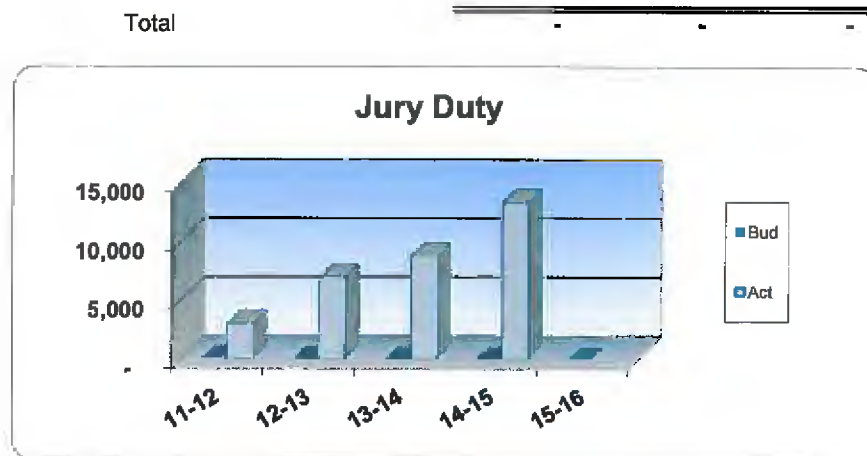
**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor		6,443	
Fringe Benefits	-	6,127	-
Equipment Allocation	-	677	-
Materials & Supplies		-	
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>-</b>	<b>13,246</b>	<b>-</b>

**Materials/Supplies/Contract Services**



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Maintenance-All Buildings  
**JOB #:** 670  
**DESCRIPTION:** L&M to maintain main office, plant & transmitter buildings including utilities, janitorial & security services.

**WORKLOAD:** Equipment allocation adjusted to 15% per history

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	52,362	40,728	59,003
Fringe Benefits	50,582	39,293	51,392
Equipment Allocation	7,854	9,495	8,850
Materials & Supplies	40,000	48,878	40,500
Contract Services	101,100	90,086	113,000
<b>TOTAL EXPENSES</b>	<b>251,898</b>	<b>228,479</b>	<b>272,745</b>

\* work shifted to maintain unscheduled work in construction

**Materials/Supplies/ContractServices**

Power	29,750	-	40,000
Janitorial Services	28,000	-	28,500
HVAC	4,350	-	4,500
Supplies	22,500	-	22,500
Security & Waste	17,500	-	17,500
Uniforms/ Repairs/Rugs/ Misc	17,500	-	18,000
Temp Labor		-	
Office paint, roof repairs	19,000	-	20,000
Solar Service	2,500	-	2,500

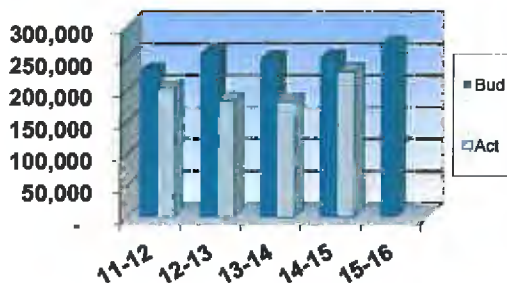
Total

**141,100**

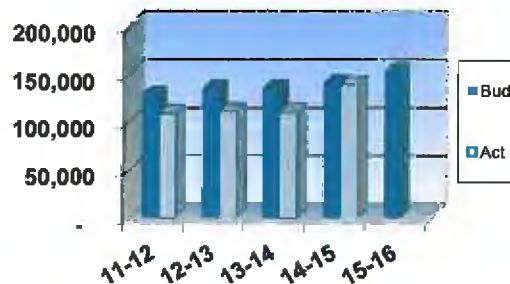
-

**153,500**

**Buildings Maintenance**



**Materials, Supplies & Contractors**



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
Job Detail

**TITLE:** Landscaping  
**JOB #:** 671  
**DESCRIPTION:** L&M for landscaping around all District buildings.

**WORKLOAD:** Equipment allocation adjusted to 25% per history

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	30,510	26,579	33,382
Fringe Benefits	29,473	25,673	29,076
Equipment Allocation	7,628	7,918	8,346
Materials & Supplies	3,900	2,215	3,900
Contract Services	11,700	5,957	20,300
<b>TOTAL EXPENSES</b>	<b>83,210</b>	<b>68,343</b>	<b>95,003</b>

\* work shifted to maintain unscheduled work in construction

**Materials/Supplies/Contract Services**

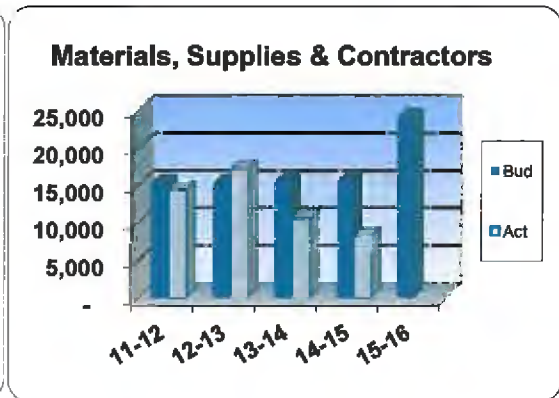
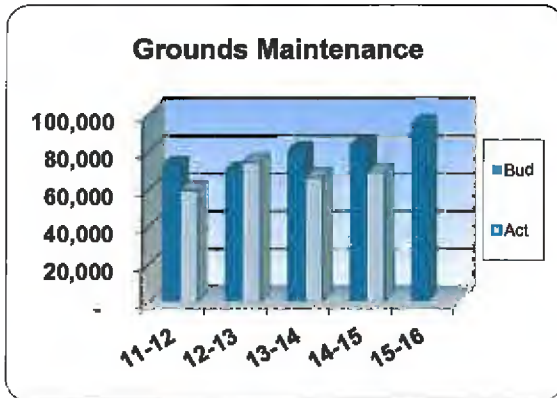
Landscape Service/Tree Service	11,400	-	20,000
Supplies	3,900	-	3,900
Temp Labor		-	
Other		-	
Equipment Rentals	300	-	300

Total

**15,600**

-

**24,200**



**ADMINISTRATION DEPARTMENT**  
Administration & Financial Management Program  
**Job Detail**

**TITLE:** Santa Margarita Trail System Maintenance

**JOB #:** 426

**DESCRIPTION:** Santa Margarita Trail System Maintenance

**WORKLOAD:**

**EFFECTIVENESS:**

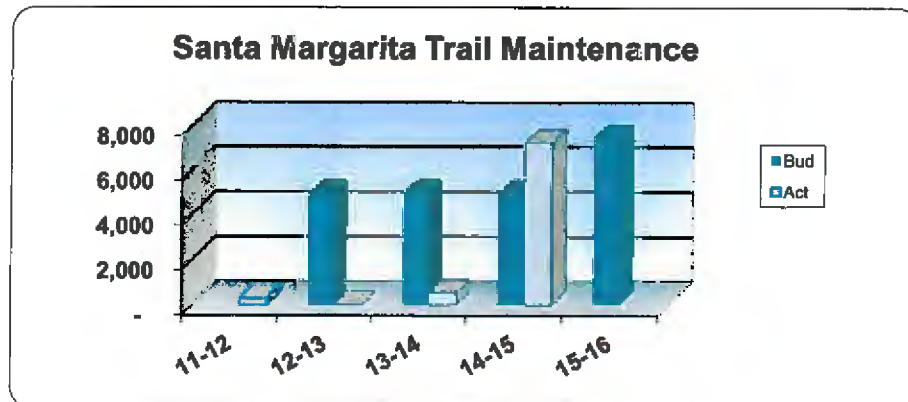
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor		199	
Fringe Benefits	-	193	-
Equipment Allocation	-	21	-
Materials & Supplies		-	
Contract Services	5,000	6,803	7,500
<b>TOTAL EXPENSES</b>	<b>5,000</b>	<b>7,216</b>	<b>7,500</b>

**Materials/Supplies/Contract Services**

Trail Maintenance	5,000	-	7,500
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<b>Total</b>	<b>5,000</b>	<b>-</b>	<b>7,500</b>
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**ADMINISTRATION DEPARTMENT**  
Engineering Program

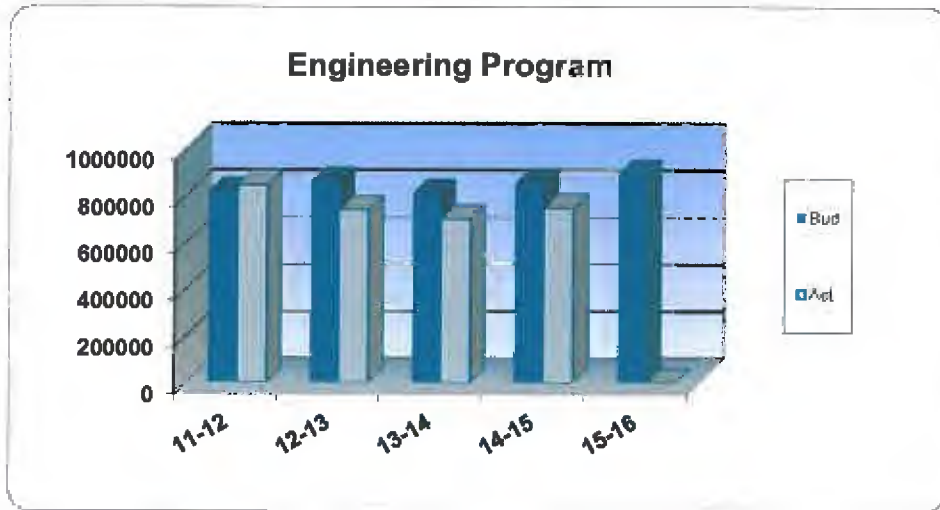
**Program Purpose & Scope:** Program provides professional engineering support for all District activities; maintains records of District easements, as-built facility drawings facility location drawings, facility location maps, and meter routes; provides customer assistance for water and sewer service for new developments; provides utility mark-outs as required by Underground Service Alert.

**Level of Service Standards:**

- 
- 
- 
- 
- 

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	394,053	350,267	430,550
Fringe Benefits	380,655	338,193	375,009
Equipment Allocation	41,376	36,780	45,208
Materials & Supplies	5,300	8,327	4,800
Contract Services	33,350	12,785	37,550
<b>TOTAL EXPENSES</b>	<b>854,734</b>	<b>746,352</b>	<b>893,117</b>



**ADMINISTRATION DEPARTMENT**  
**Engineering Program**  
**Job Detail**

**TITLE:** Customer Service

**JOB #:** 610-21

**DESCRIPTION:** Wages & benefits for those providing service to customers. Determine meter & sewer permit fees and setbacks and answer customer questions. Provide assistance to the public in finding information regarding the location of existing records and improvements. Read maps to determine acreage, front footage easements, surveys and similar information.

**WORKLOAD:**

**EFFECTIVENESS:** Provide accurate, effective, timely information for the public.

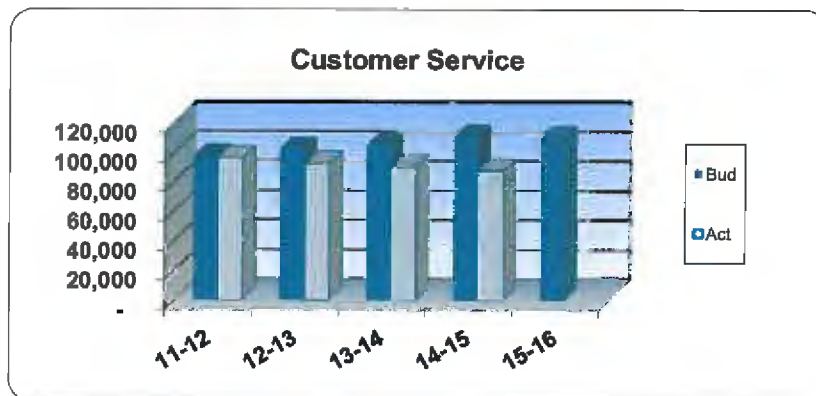
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	53,759	42,395	55,978
Fringe Benefits	51,931	40,938	48,757
Equipment Allocation	5,645	4,452	5,878
Materials & Supplies		-	
Contract Services		-	-
<b>TOTAL EXPENSES</b>	<b>111,335</b>	<b>87,785</b>	<b>110,613</b>

\* shift to capital work

**Materials/Supplies/Contract Services**

Total



**ADMINISTRATION DEPARTMENT**  
Engineering Program  
Job Detail

**TITLE:** System Records

**JOB #:** 610-31

**DESCRIPTION:** Wages & benefits for those providing engineering records. Maintain routine engineering records, enter information from field ties to maps, update maps on street improvements, vacations and easements, maintain sewer permit logs, process development plans, read water & sewer maps to locate laterals, lines and depths. Generate work orders.

**WORKLOAD:**

**EFFECTIVENESS:** Update, prepare, monitor and produce accurate district records.

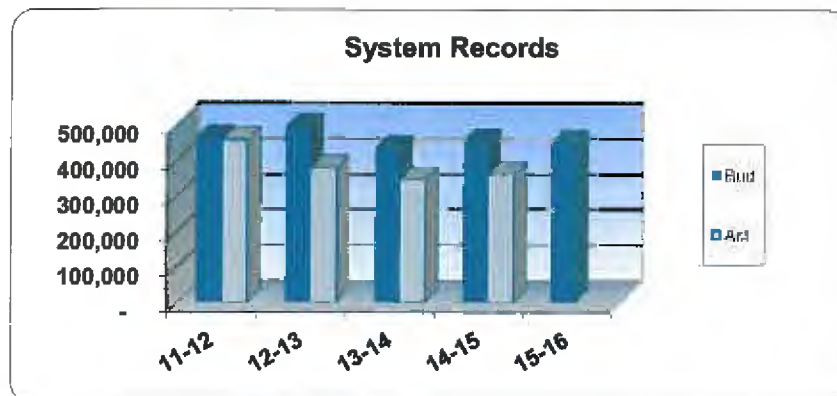
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	220,026	173,339	228,792
Fringe Benefits	212,545	167,354	199,278
Equipment Allocation	23,103	18,201	24,023
Materials & Supplies		-	
Contract Services		-	-
<b>TOTAL EXPENSES</b>	<b>455,674</b>	<b>358,894</b>	<b>452,093</b>

\* shift to capital work

**Materials/Supplies/Contract Services**

Total



**ADMINISTRATION DEPARTMENT**  
**Engineering Program**  
**Job Detail**

**TITLE:** Easements/Surveying

**JOB #:** 610-51

**DESCRIPTION:** Wages & benefits for engineering services, including surveying and easement location. Layout pipeline installations, produce easements from legal descriptions, serve as instrument person on water/wastewater line surveys. Receive survey corrections and make changes on existing maps. Plot and produce Autocad profile sheets from survey books. Prepare Autocad drawings of existing improvements, rights of way and other utilities using survey notes.

**WORKLOAD:**

**EFFECTIVENESS:** Prepare accurate survey and legal documents.

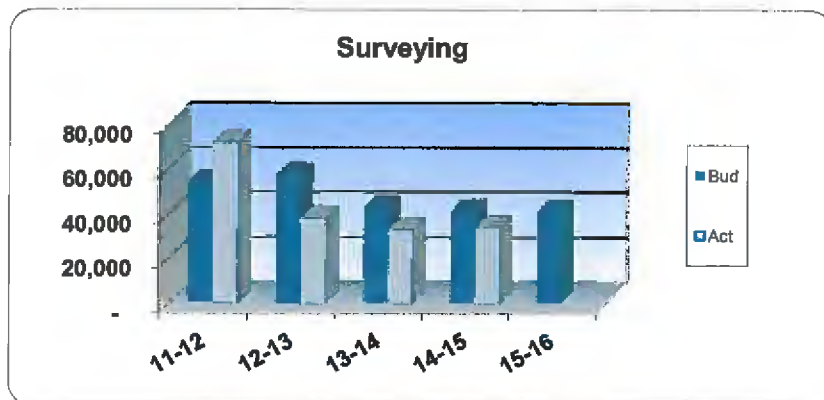
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	20,027	16,333	20,972
Fringe Benefits	19,346	15,777	18,267
Equipment Allocation	2,103	1,716	2,202
Materials & Supplies		-	
Contract Services		-	-
<b>TOTAL EXPENSES</b>	<b>41,476</b>	<b>33,827</b>	<b>41,441</b>

**Materials/Supplies/Contract Services**

Total

-	-	-
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**ADMINISTRATION DEPARTMENT**  
Engineering Program  
**Job Detail**

**TITLE:** Engineering Supplies  
**JOB #:** 610-61  
**DESCRIPTION:** Materials used strictly for engineering purposes.

**WORKLOAD:**

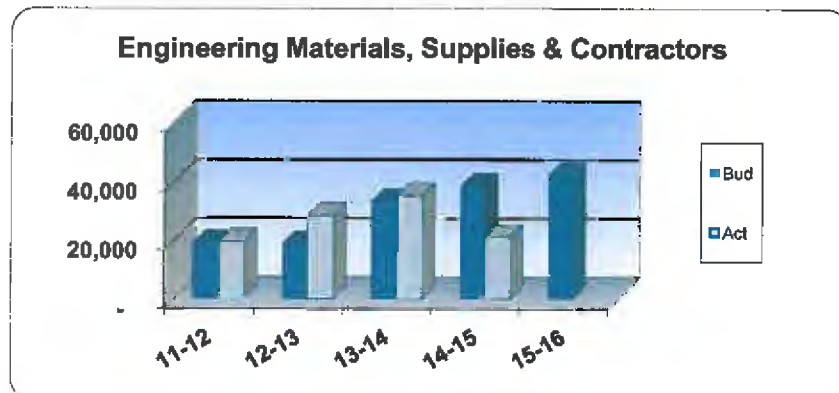
**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor		-	
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	5,300	8,327	4,800
Contract Services	33,350	12,785	37,550
<b>TOTAL EXPENSES</b>	<b>38,650</b>	<b>21,112</b>	<b>42,350</b>

**Materials/Supplies/Contract Services**

MetroScan Annual Update	2,500	-	2,500
Survey Equipment	500	-	500
Engineering Supplies	4,000	-	3,500
Autocad Renewal	2,750	-	2,750
GIS Licenses	20,000	-	25,000
AWWA Standards Update	500	-	500
GPS Software Upgrade	800	-	-
GPS Annual Equip Warranty	2,000	-	2,000
Engineering References	800	-	800
CMMS Software/Licensing	4,800	-	4,800
<b>Total</b>	<b>38,650</b>	<b>-</b>	<b>42,350</b>



**ADMINISTRATION DEPARTMENT**  
**Engineering Program**  
**Job Detail**

**TITLE:** Plan Check Engineering  
**JOB #:** 610-81  
**DESCRIPTION:** Plan check water and sewer plans for developer projects

**WORKLOAD:**

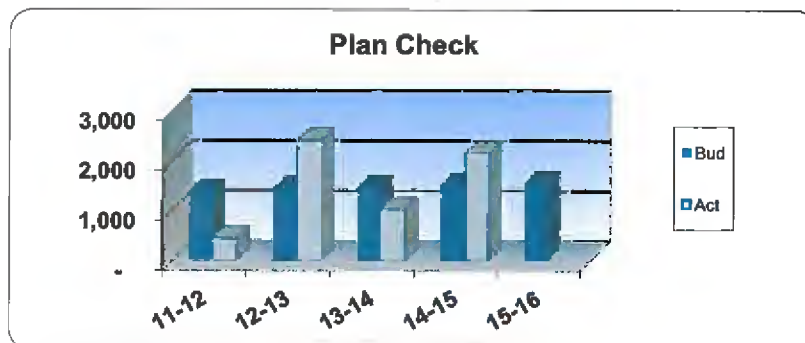
**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	745	1,043	799
Fringe Benefits	720	1,007	696
Equipment Allocation	78	110	84
Materials & Supplies		-	
Contract Services		-	-
<b>TOTAL EXPENSES</b>	<b>1,543</b>	<b>2,160</b>	<b>1,579</b>

**Materials/Supplies/Contract Services**

Total



**ADMINISTRATION DEPARTMENT**  
**Engineering Program**  
**Job Detail**

**TITLE:** RMWD Engineering Support

**JOB #:** 610-82

**DESCRIPTION:** RMWD Engineering Support

**WORKLOAD:**

**EFFECTIVENESS:**

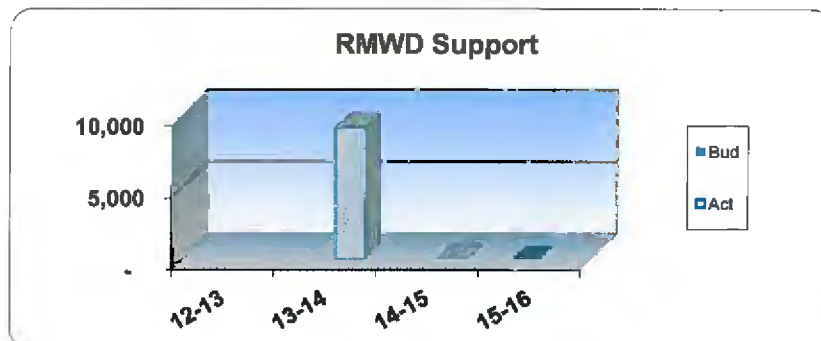
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor		-	
Fringe Benefits	-	-	-
Equipment Allocation		-	
Materials & Supplies		-	
Contract Services		-	-
<b>TOTAL EXPENSES</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Materials/Supplies/Contract Services**

Capital Improvement Support

Total



**ADMINISTRATION DEPARTMENT**  
**Engineering Program**  
**Job Detail**

**TITLE:** Assistant General Manager/Engineering & Planning Manager

**JOB #:** 613-41

**DESCRIPTION:** Wages & benefits for the Engineering & Planning Manager

**WORKLOAD:** Manages, plans, engineers and schedules utility engineering processes, survey, design, project management, construction management, cost estimates, maps, reports, wastewater and water quality system structures and facilities.

**EFFECTIVENESS:** The JPA with Rainbow was dissolved 4/5/14. No additional cost savings.

**PROGRAM BUDGET**

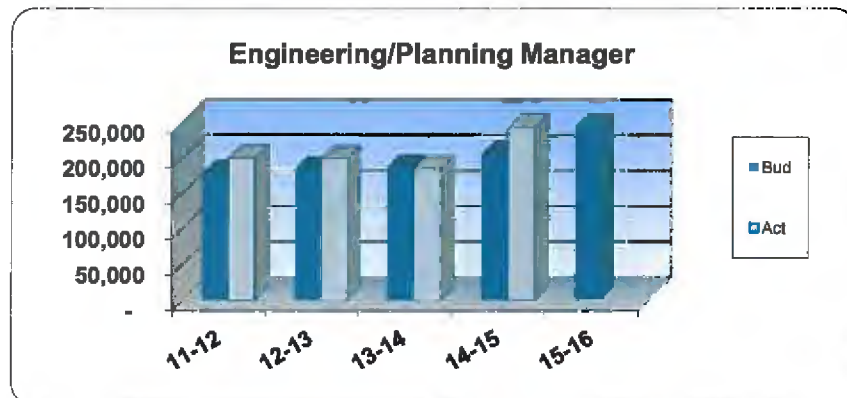
	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	99,496	117,157	124,009
Fringe Benefits	96,113	113,116	108,012
Equipment Allocation	10,447	12,302	13,021
Materials & Supplies		-	
Contract Services		-	-
<b>TOTAL EXPENSES</b>	<b>206,056</b>	<b>242,574</b>	<b>245,042</b>

\* elimination of charge back to RMWD

**Materials/Supplies/Contract Services**

System Training

Total



**ADMINISTRATION DEPARTMENT**  
Community Relations Program

**Program Purpose & Scope:** Program provides a pro-active community outreach approach to public involvement and education about water and sewer services, educational programs on water conservation, and educational programs on water resources for schools.

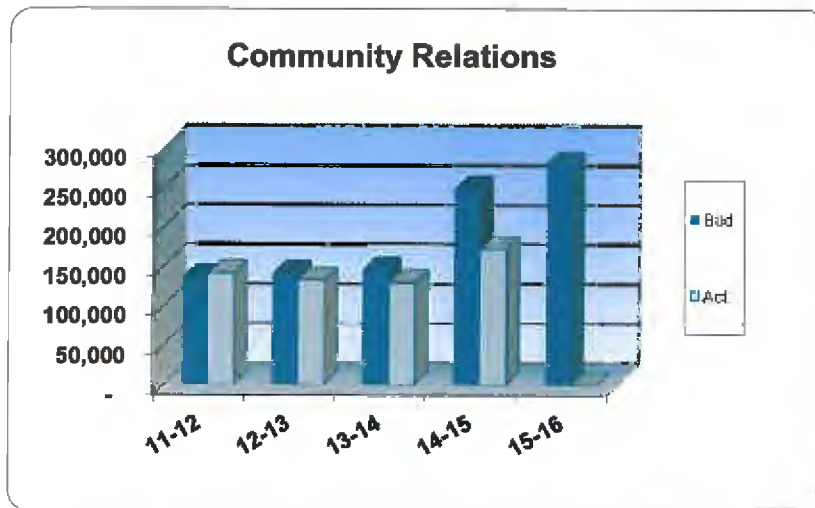
**Level of Service Standards:**

- Quarterly information newsletter
- Annual Water Resource Interest Focus Group seminar
- Speaker's bureau for local civic and community groups
- Community involvement on major activities
- Partnership activities with other local agencies relating to District mission

**PROGRAM BUDGET**

	<b>2014-15</b>	<b>2014-15</b>	<b>2015-16</b>
	<u><b>Budget</b></u>	<u><b>Est.Actual</b></u>	<u><b>Budget</b></u>
<b>Expenses</b>			
Labor	93,358	67,962	105,526
Fringe Benefits	90,184	65,607	91,913
Equipment Allocation	9,803	7,136	11,080
Materials & Supplies	5,700	15,973	13,500
Contract Services	50,350	15,396	59,050
<b>TOTAL EXPENSES</b>	<u><b>249,394</b></u>	<u><b>172,075</b></u>	<u><b>281,069</b></u>

\* Shift in LAFCO related activities to 15-16



**ADMINISTRATION DEPARTMENT**  
**Community Relations Program**  
**Job Detail**

**TITLE:** Public Relations

**JOB #:** 613-56

**DESCRIPTION:** Wages & benefits for the Public Relations position.  
 Costs associated with distribution of information to the public.

**WORKLOAD:**

**EFFECTIVENESS:**

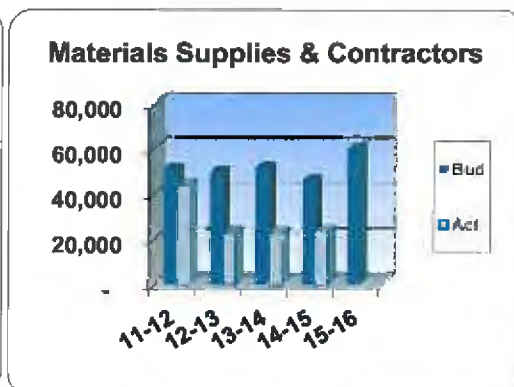
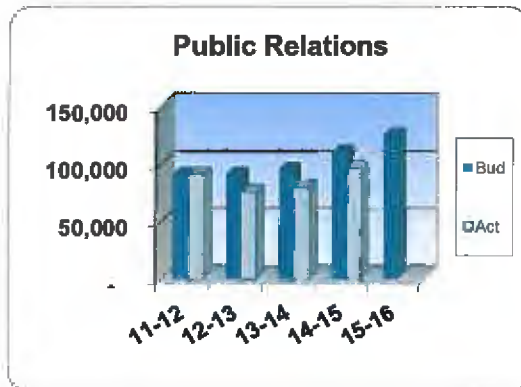
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est.Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	30,855	35,036	33,068
Fringe Benefits	29,806	33,822	28,802
Equipment Allocation	3,240	3,679	3,472
Materials & Supplies	5,700	9,289	11,700
Contract Services	40,100	14,074	48,500
<b>TOTAL EXPENSES</b>	<b>109,701</b>	<b>95,899</b>	<b>125,542</b>

\* increase due to LAFCO related work

**Materials/Supplies/Contract Services**

Customer Service Survey	-	-	-
Newsletters	25,000	-	15,000
Brochures/Booklets/Calendars	1,000	-	2,000
Projects	4,000	-	9,000
Water Quality Report	2,500	-	1,500
Electronic Sign Rental	2,500	-	2,500
Customer Service Web Maintenance	9,000	-	19,000
Rattlesnake paint	700	-	700
Call Em All	500	-	500
Monthly Newspaper Mini Newsletter	600	-	10,000
<b>Total</b>	<b>45,800</b>	<b>-</b>	<b>60,200</b>



**ADMINISTRATION DEPARTMENT**  
Community Relations Program  
Job Detail

**TITLE:** Water Conservation

**JOB #:** 691

**DESCRIPTION:** Wages & benefits, plus supply items, to encourage and teach water conservation to the public and schools.

**WORKLOAD:**

**EFFECTIVENESS:**

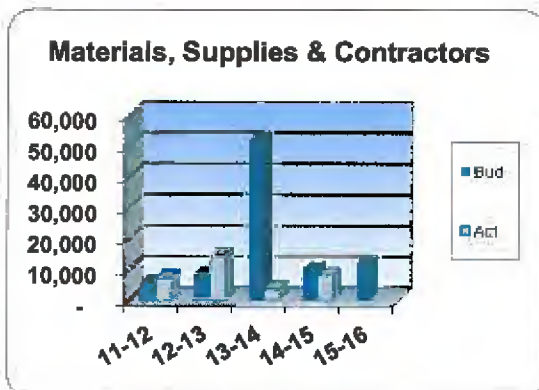
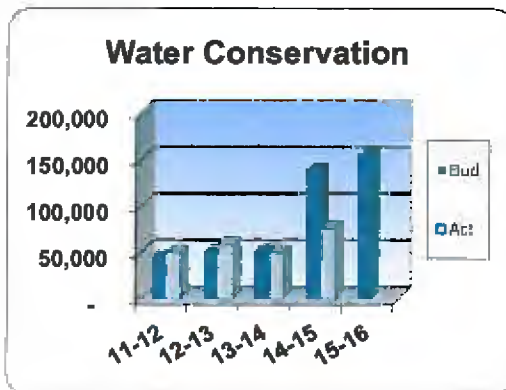
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est.Actual</u>	<u>2015-16</u> <u>Budget</u>
11.33% Change in Total Budget			
<b>Expenses</b>			
Labor	62,503	32,926	72,458
Fringe Benefits	60,378	31,785	63,111
Equipment Allocation	6,563	3,457	7,608
Materials & Supplies		6,685	1,800
Contract Services	10,250	1,322	10,550
<b>TOTAL EXPENSES</b>	<b>139,694</b>	<b>76,176</b>	<b>155,527</b>

\* reflects increased labor for drought coordinator

**Materials/Supplies/Contract Services**

Water Conservation Garden		-	
Green Machine	950	-	1,250
Splash Van	2,300	-	2,500
MWD Grant		-	
Other	600	-	600
Grease Can	1,200	-	1,200
Calendars	2,200	-	3,800
Smart Landscape	3,000	-	3,000
<b>Total</b>	<b>10,250</b>	<b>-</b>	<b>12,350</b>



**ADMINISTRATION DEPARTMENT**  
Personnel Support Program

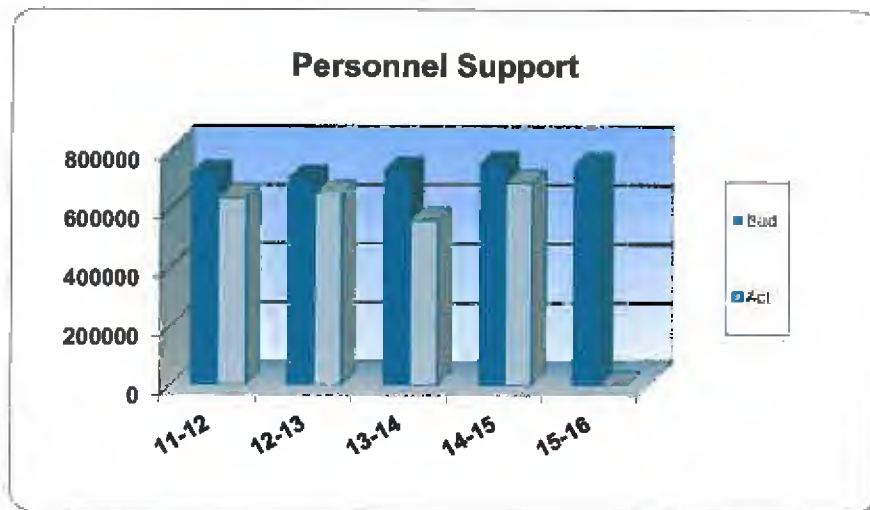
**Program Purpose & Scope:** Program provides administration of employee programs, including hiring, record keeping, coordination of training and technical certification, employee benefit programs, employee recognition programs, and disciplinary procedures.

**Level of Service Standards:**

- Coordinate education and technical training for staff.
- Assist supervisors in carrying out procedural policies established by the Board of Directors and management.
- Administer employee benefit programs and assist employees with providers.
- Provide an Employee Assistance Program.

**PROGRAM BUDGET**

	<b>2014-15 <u>Budget</u></b>	<b>2014-15 <u>Est. Actual</u></b>	<b>2015-16 <u>Budget</u></b>
<b>Expenses</b>			
Labor	288,436	263,586	298,439
Fringe Benefits	278,629	254,518	259,940
Equipment Allocation	30,286	29,073	31,336
Materials & Supplies	44,000	48,858	40,770
Contract Services	107,251	89,542	117,427
<b>TOTAL EXPENSES</b>	<b>748,602</b>	<b>685,577</b>	<b>747,912</b>





**ADMINISTRATION DEPARTMENT**  
**Personnel Support Program**  
**Job Detail**

**TITLE:**                    Physicals  
**JOB #:**                     612-42  
**DESCRIPTION:**        Services as rendered by a Medical Doctor as required  
for District Pre-employment physicals

**WORKLOAD:**

**EFFECTIVENESS:**

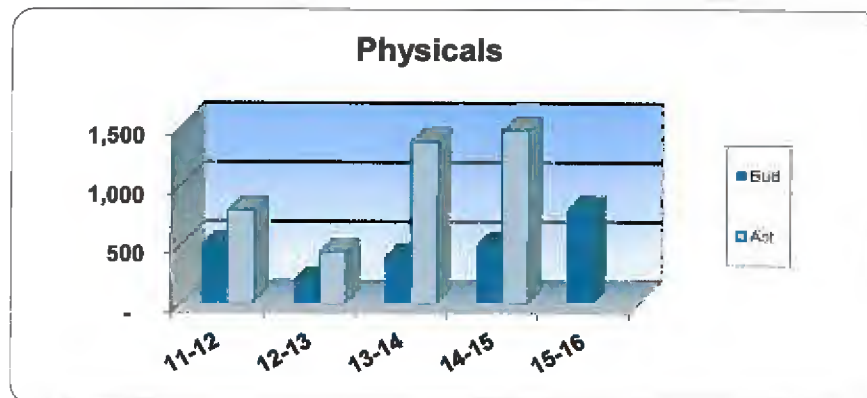
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor		-	
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies		-	
Contract Services	500	1,460	800
<b>TOTAL EXPENSES</b>	<b>500</b>	<b>1,460</b>	<b>800</b>

**Materials/Supplies/Other**

Physical Costs	500	-	800
Other		-	

Total 500 - 800



**ADMINISTRATION DEPARTMENT**  
**Personnel Support Program**  
**Job Detail**

**TITLE:** Technical Certifications  
**JOB #:** 612-44  
**DESCRIPTION:** Fees reimbursed to employees for technical certifications recognized by the District

**WORKLOAD:**

**EFFECTIVENESS:**

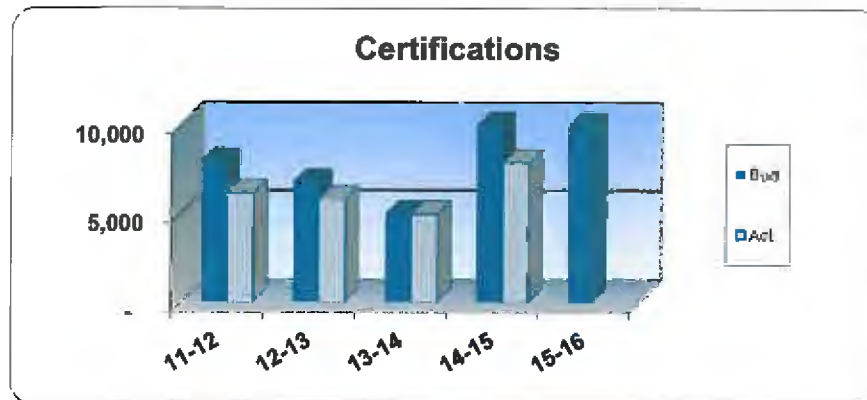
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	10,000	7,861	10,000
<b>TOTAL EXPENSES</b>	<b>10,000</b>	<b>7,861</b>	<b>10,000</b>

**Materials/Supplies/Other**

Certifications & CWEA Renewals	10,000	-	10,000
Other	-	-	-

Total 10,000      -      10,000



**ADMINISTRATION DEPARTMENT**  
**Personnel Support Program**  
**Job Detail**

**TITLE:** Employee Recognition Program  
**JOB #:** 612-47  
**DESCRIPTION:** Costs associated with the District's program to reward employees.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	7,700	788	8,470
Contract Services	7,300	12,941	5,530
<b>TOTAL EXPENSES</b>	<b>15,000</b>	<b>13,728</b>	<b>14,000</b>

**Materials/Supplies/Other**

Awards	4,300	-	5,100
Supplies	1,120	-	2,370
Appreciation Day, etc	4,630	-	1,000
Retirement Party	3,000	-	3,000
Other/Supv Fund/Annual Photo	1,950	-	2,530

Total 15,000 - 14,000



**ADMINISTRATION DEPARTMENT**  
**Personnel Support Program**  
**Job Detail**

**TITLE:** Employee Assistance Program  
**JOB #:** 612-48  
**DESCRIPTION:** Fees paid for the Employee Assistance Program.

**WORKLOAD:**

**EFFECTIVENESS:**

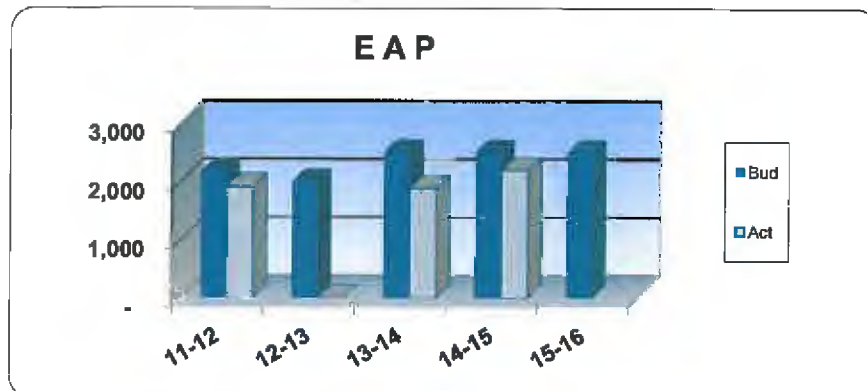
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	-	-	-
Contract Services	2,500	2,186	2,500
<b>TOTAL EXPENSES</b>	<b>2,500</b>	<b>2,186</b>	<b>2,500</b>

**Materials/Supplies/Other**

Dues	2,500	-	2,500
Other	-	-	-

Total 2,500      -      2,500



**ADMINISTRATION DEPARTMENT**  
**Personnel Support Program**  
**Job Detail**

**TITLE:** Human Resources Administration  
**JOB #:** 613-81  
**DESCRIPTION:** Wages & benefits plus necessary supplies as required by Human Resources. Also includes advertising for open employment positions.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	96,334	99,282	91,958
Fringe Benefits	93,059	95,848	80,095
Equipment Allocation	10,115	10,425	9,656
Materials & Supplies	600	1,956	600
Contract Services	5,500	23,686	10,500
<b>TOTAL EXPENSES</b>	<b>205,608</b>	<b>231,197</b>	<b>192,809</b>

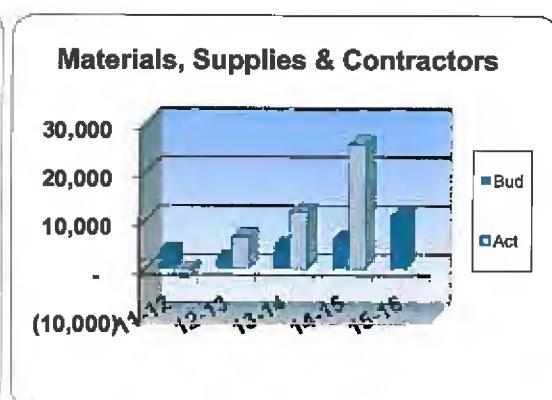
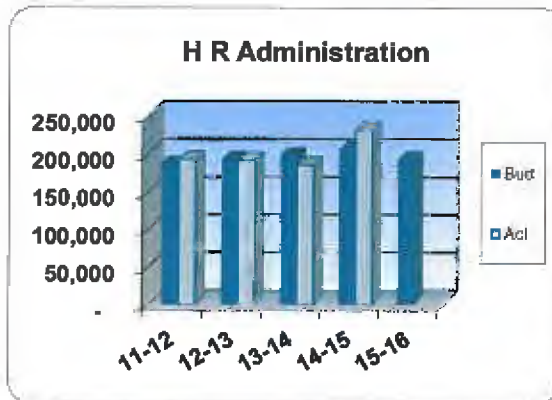
\* variances are due to sick and vacation used or not used

**Materials/Supplies/Other**

Background Checks	500	-	500
Advertising	5,000	-	10,000
Supplies	600	-	600
Salary Survey/Regulations Review		-	
Consortium		-	
Other		-	

Total

**6,100      -      11,100**



**ADMINISTRATION DEPARTMENT**  
**Personnel Support Program**  
**Job Detail**

**TITLE:** Safety  
**JOB #:** 680  
**DESCRIPTION:** Any costs for safety training materials as well as wages & benefits to implement safety devices at District locations.

**WORKLOAD:** Budget 5.5% of labor payroll to safety training and equipment

**EFFECTIVENESS:**

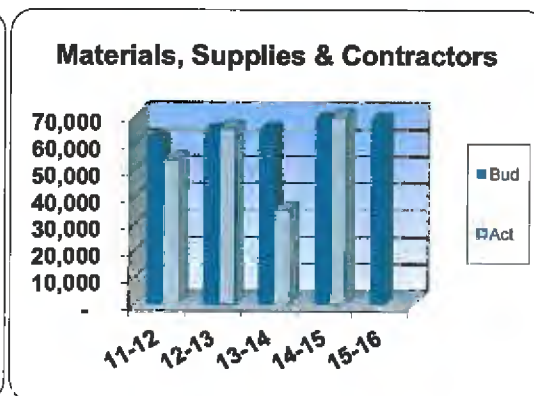
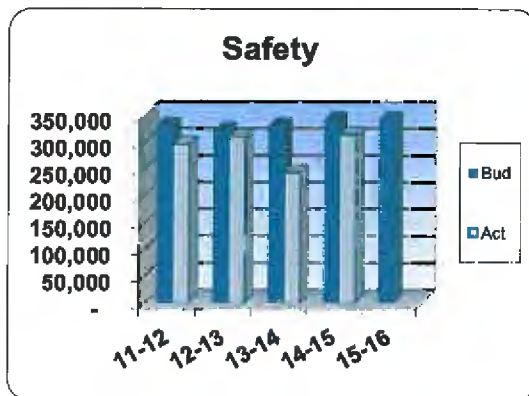
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	132,032	118,047	139,707
Fringe Benefits	127,543	113,988	121,685
Equipment Allocation	13,863	12,631	14,669
Materials & Supplies	35,700	46,114	31,700
Contract Services	33,000	23,398	37,000
<b>TOTAL EXPENSES</b>	<b>342,138</b>	<b>314,178</b>	<b>344,761</b>

\* reduction in labor training hours

**Materials/Supplies/Other**

Rags, rugs, etc	700	-	700
OSHA Required Training	10,000	-	10,000
Conferences	500	-	500
Respirator/DOT physicals	8,000	-	8,000
Safety Materials/Equipment	25,000	-	25,000
Traffic Control Signs	4,000	-	4,000
Safety Technical Subscription	3,000	-	3,000
Safety Lunches/Donuts Recognition	6,000	-	6,000
Drug Testing/Innoculations	4,300	-	4,300
Crane Schooling	7,200	-	7,200
Temp Labor	-	-	-
<b>Total</b>	<b>68,700</b>	<b>-</b>	<b>68,700</b>



**ADMINISTRATION DEPARTMENT**  
**Personnel Support Program**  
**Job Detail**

**TITLE:** Training

**JOB #:** 690

**DESCRIPTION:** Any non-safety training seminars or workshops designed to improve employees ability to complete their job. Also includes wages & benefits while employees attend training sessions.

**WORKLOAD:** Budget 4.0% of payroll to Technical Training

**EFFECTIVENESS:**

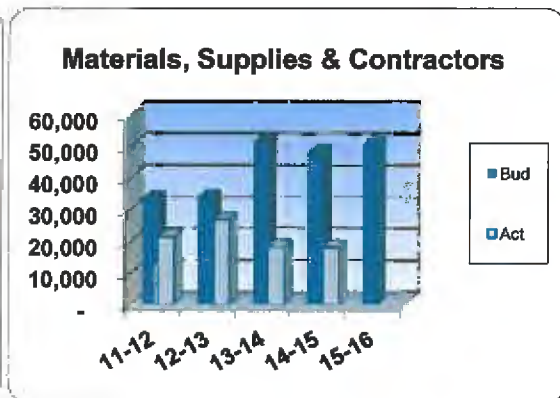
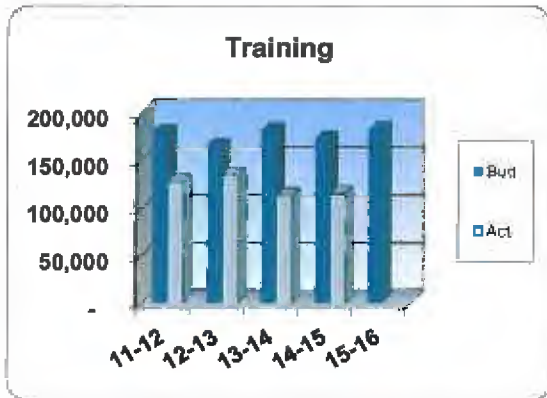
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	60,070	46,257	66,774
Fringe Benefits	58,028	44,682	58,160
Equipment Allocation	6,307	6,017	7,011
Materials & Supplies	-	-	-
Contract Services	48,451	18,010	51,097
<b>TOTAL EXPENSES</b>	<b>172,856</b>	<b>114,967</b>	<b>183,042</b>

\* reduction in labor training hours

**Materials/Supplies/Other**

Dept 1	10,114	-	11,860
Dept 2	8,500	-	8,400
Dept 3	2,510	-	2,510
Dept 4	2,195	-	1,695
Dept 5	3,000	-	3,000
Dept 6	7,050	-	9,050
Dept 7	1,582	-	1,082
Dept 8	8,500	-	8,500
Other-Mandated	5,000	-	5,000
Tuition Reimbursement	-	-	-
<b>Total</b>	<b>48,451</b>	<b>-</b>	<b>51,097</b>



### Warehouse and Equipment Summary

<b>Revenues</b>	2014-15 Budget	2014-15 Est. Actual	2015-16 Budget
Labor Burden and Equipment Rental Rates	585,724	738,112	567,061
Inventory Material Burden	285,629	309,542	309,542
<b>TOTAL</b>	<b>\$ 871,353</b>	<b>\$ 1,047,654</b>	<b>\$ 876,604</b>
 <b>Expenses</b>			
Equipment O&M	527,743	515,214	530,009
Equipment- Cap/Ops revenue	75,000	75,000	75,000
Warehouse Operations	268,611	316,270	271,595
<b>TOTAL</b>	<b>\$ 871,354</b>	<b>\$ 906,484</b>	<b>\$ 876,604</b>



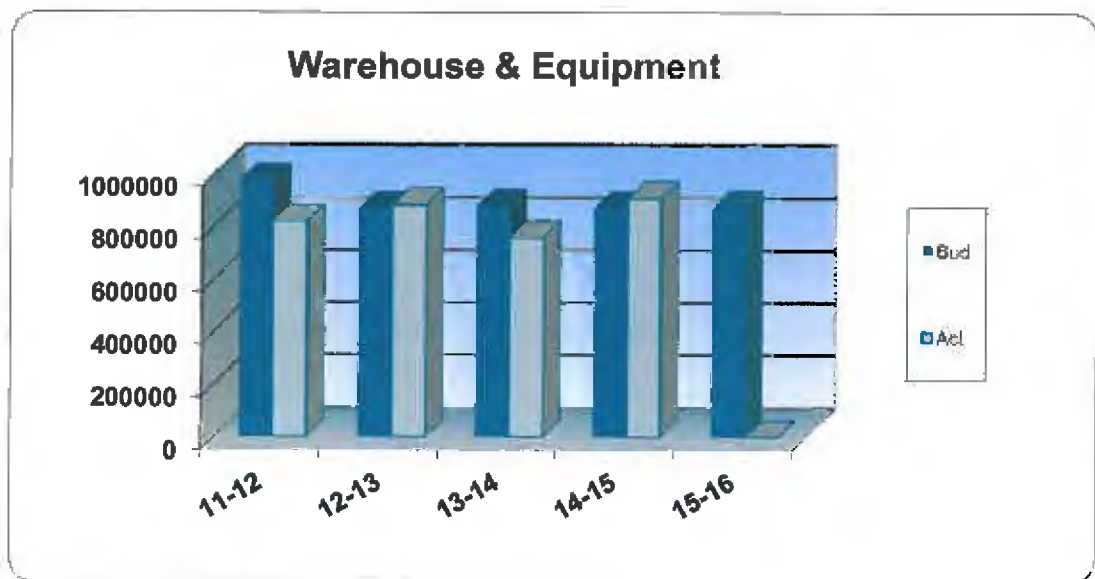
**ADMINISTRATION DEPARTMENT**  
Warehouse & Equipment Support Program

**Program Purpose & Scope:** Program provides centralized purchasing and inventory control for all materials and supplies to support all district activities; provides centralized maintenance and repair of all district transportation and construction equipment.

**Level of Service Standards:**

**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	227,177	344,568	241,329
Fringe Benefits	219,453	122,323	210,198
Equipment Allocation	12,376	17,101	13,130
Materials & Supplies	397,500	422,491	403,477
Contract Services	14,847	-	8,470
<b>TOTAL EXPENSES</b>	<b>871,353</b>	<b>906,484</b>	<b>876,604</b>



**ADMINISTRATION DEPARTMENT**  
Warehouse & Equipment Support Program  
**Job Detail**

**Program Purpose & Scope:**

**JOB #:** 500

**DESCRIPTION:** Material not found in inventory but kept on hand continually; used in pipeline construction. Examples are bags of Redi-Mix, banding, Perma Bar, Welding Rod, Acetylene & Oxygen.

**WORKLOAD:**

**EFFECTIVENESS:**

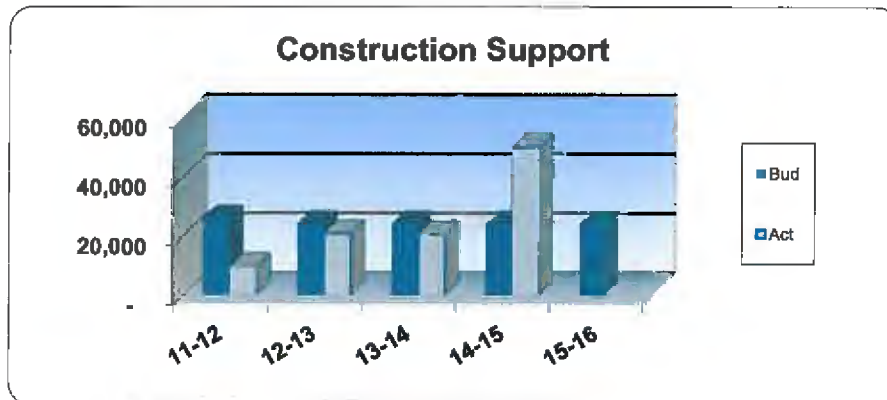
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor		-	
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	24,000	49,927	24,000
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>24,000</b>	<b>49,927</b>	<b>24,000</b>

**Materials/Supplies/ContractServices**

Materials/Other	24,000	-	24,000
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<b>Total</b>	<b>24,000</b>	<b>-</b>	<b>24,000</b>
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**ADMINISTRATION DEPARTMENT**  
Warehouse & Equipment Support Program  
**Job Detail**

**Program Purpose & Scope:**

**JOB #:** 523

**DESCRIPTION:** Wages & benefits for procurement, delivery, check in & out and inventory posting.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	117,871	126,665	125,048
Fringe Benefits	113,863	122,323	108,917
Equipment Allocation	12,376	17,101	13,130
Materials & Supplies	500	253	500
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>244,611</b>	<b>266,343</b>	<b>247,595</b>

**Materials/Supplies/ContractServices**

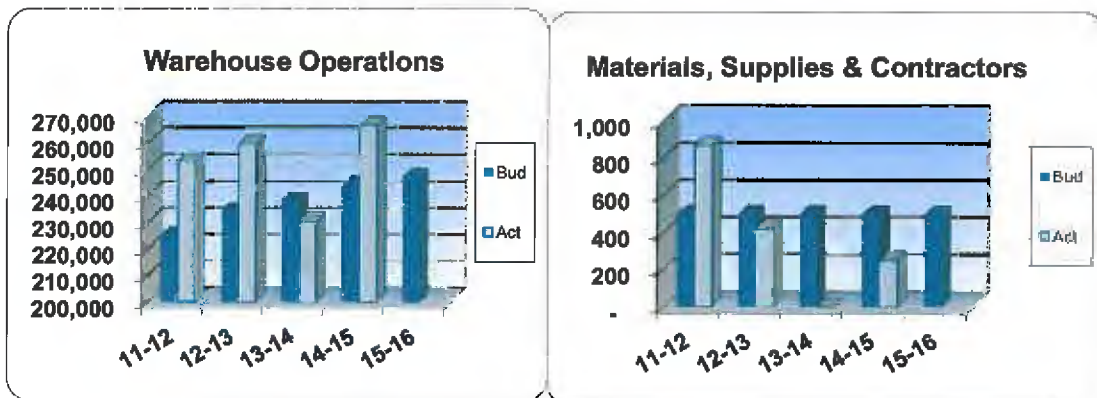
Materials/Other	500	-	500
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Total

500

-

500



**ADMINISTRATION DEPARTMENT**  
Warehouse & Equipment Support Program  
**Job Detail**

**Program Purpose & Scope:**

**JOB #:** 60-55100

**DESCRIPTION:** A burden rate is added to all operations and construction jobs to recover some costs to be used to replace equipment.

**WORKLOAD:**

**EFFECTIVENESS:**

**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	75,000	75,000	75,000
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>

**Materials/Supplies/Contract Services**

Materials/Other	75,000	-	75,000
<b>Total</b>	<b>75,000</b>	<b>-</b>	<b>75,000</b>



**ADMINISTRATION DEPARTMENT**  
Warehouse & Equipment Support Program  
Job Detail

**Program Purpose & Scope:**

**JOB #:** 60-55221

**DESCRIPTION:** Materials & supplies for field equipment maintenance. All direct labor, fringes, and materials are charged directly to each vehicle and totals are summarized in this job.

**WORKLOAD:**

**EFFECTIVENESS:**

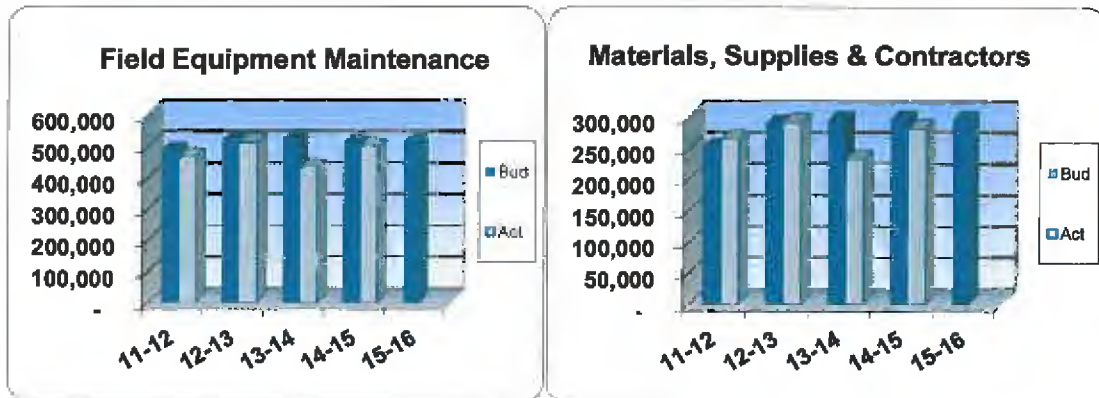
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	109,306	217,903	116,281
Fringe Benefits	105,590	-	101,281
Equipment Allocation	-	-	-
Materials & Supplies	284,000	281,079	289,977
Contract Services	11,647	-	6,470
<b>TOTAL EXPENSES</b>	<b>510,543</b>	<b>498,982</b>	<b>514,009</b>

\* Labor totals include labor and fringe

**Materials/Supplies/ContractServices**

Overhaul		-	
Routine Maintenance/Parts	140,000	-	140,000
Net Work Fleet Service	6,470	-	6,470
NetWork Fleet Devices	1,977	-	1,977
Inventory (Fuel)	140,000	-	140,000
Tier III Annual Maintenance	3,200	-	4,000
Hoist	4,000	-	4,000
<b>Total</b>	<b>295,647</b>	<b>-</b>	<b>296,447</b>



**ADMINISTRATION DEPARTMENT**  
Warehouse & Equipment Support Program  
**Job Detail**

**Program Purpose & Scope:**

**JOB #:** 60-55234

**DESCRIPTION:** Costs for purchase of small tools such as power tools & hand tools for shop mechanic

**WORKLOAD:**

**EFFECTIVENESS:**

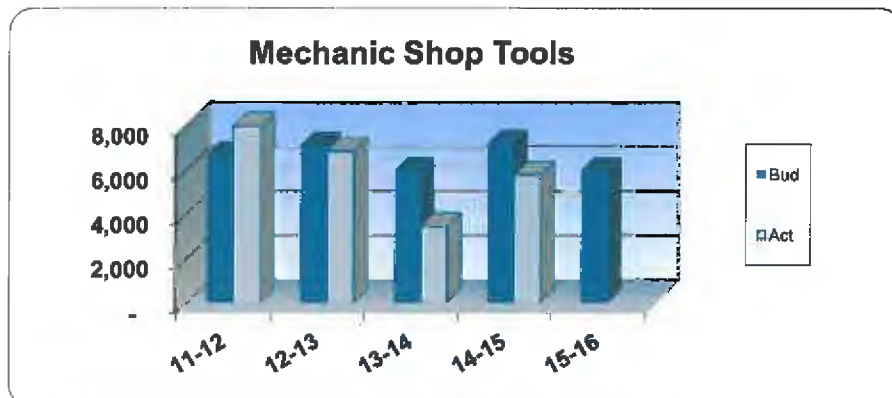
**PROGRAM BUDGET**

	<u>2014-15 Budget</u>	<u>2014-15 Est. Actual</u>	<u>2015-16 Budget</u>
<b>Expenses</b>			
Labor	-	-	-
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	4,000	5,765	4,000
Contract Services	3,200	-	2,000
<b>TOTAL EXPENSES</b>	<b>7,200</b>	<b>5,765</b>	<b>6,000</b>

**Materials/Supplies/Contract Services**

Shop Tools	4,000	-	4,000
Equipment	-	-	-
All Data/Scanner software updates(1yr)	2,000	-	2,000
Snap on Scanner Update(2yr)	1,200	-	-

<b>Total</b>	<b>7,200</b>	<b>-</b>	<b>6,000</b>
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**ADMINISTRATION DEPARTMENT**  
Warehouse & Equipment Support Program  
Job Detail

**Program Purpose & Scope:**

**JOB #:** 60-55300

**DESCRIPTION:** Costs for purchase of small tools such as power tools, hand tools, weed cutters, wrenchs, etc., that support all crews.

**WORKLOAD:**

**EFFECTIVENESS:**

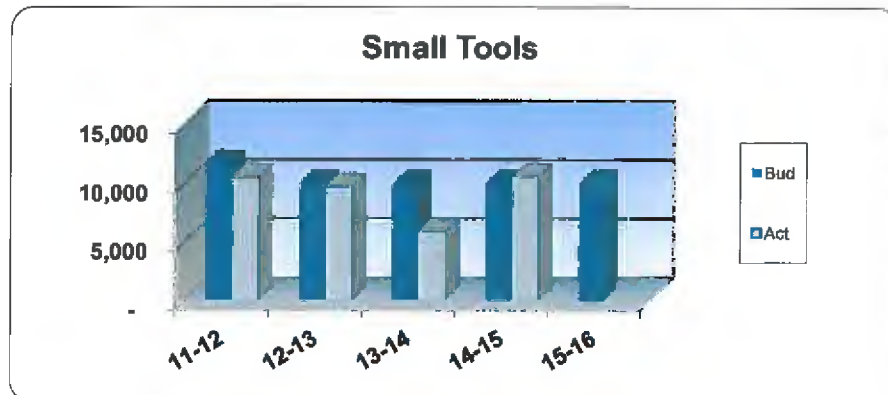
**PROGRAM BUDGET**

	<u>2014-15</u> <u>Budget</u>	<u>2014-15</u> <u>Est. Actual</u>	<u>2015-16</u> <u>Budget</u>
<b>Expenses</b>			
Labor		-	
Fringe Benefits	-	-	-
Equipment Allocation	-	-	-
Materials & Supplies	10,000	10,467	10,000
Contract Services	-	-	-
<b>TOTAL EXPENSES</b>	<b>10,000</b>	<b>10,467</b>	<b>10,000</b>

**Materials/Supplies/Contract Services**

Small Tools	10,000	-	10,000
Equipment		-	

Total 10,000      -      10,000



	2014-15 Budget	2014-15 Est. Actual	2015-16 Budget
Salary Benefits	917,892	926,905	915,203
Direct Benefits	1,213,252	1,147,859	1,153,019
Indirect Benefits	2,039,834	2,040,471	1,872,456
<b>Total</b>	<b>4,170,978</b>	<b>4,115,235</b>	<b>3,940,678</b>

A three year MOU is currently being negotiated and will be effective July 1, 2015.

### Salary Benefits

Longevity	35,467	26,021	5,810
Holidays	233,080	219,483	244,702
Vacation	416,265	386,755	419,989
Sick	233,080	294,646	244,702
<b>Total Salary Benefits</b>	<b>917,892</b>	<b>926,905</b>	<b>915,203</b>

### Direct Benefits

For the Budget year, an additional 5% increase for non Kaiser medical plans & dental, 3% for vision and 0% for life & LTD is expected in January. In FY 08-09 the District began to fund its GASB 45's actuarial determination of Unfunded Liability.

Medical/Dental/Vision	987,003	932,589	924,202
GASB 45 Contribution	124,701	124,701	124,701
Life Insurance/LTD	40,449	36,600	35,862
Uniforms/Safety shoes	35,349	31,286	42,504
Recreation Fund	4,000	3,925	4,000
Auto Allowance	21,750	18,758	21,750
<b>Total Direct Benefits</b>	<b>1,213,252</b>	<b>1,147,859</b>	<b>1,153,019</b>

### Indirect Benefits

The pension payment includes all of the employer share and 0% of the employee 8% share as designated in the MOU. The employer's share of PERS is approximately 18.853% for Classis members and 6.73% for PEPRA members for the upcoming fiscal year. Consolidation with Rainbow will eventually affect PERS rates. Also included Pension costs is the \$585k/yr payoff of the CalPERS side fund liability. Golden Handshake costs of approx. \$100,000 have been added to Pension cost for FY 15-16.

Pension/401A	1,546,604	1,542,845	1,359,996
Social Security	382,771	382,812	397,003
Workers Compensation	110,490	114,814	115,457
<b>Total Indirect</b>	<b>2,039,865</b>	<b>2,040,471</b>	<b>1,872,456</b>



**BURDEN RATE REQUIRED  
TO FUND FRINGE BENEFITS  
For FY 2015-16**

Total Payroll	5,401,415
Standby Time	-
Less Vacation/Holiday/Sick	965,203
<b>TOTAL DIRECT LABOR</b>	<b>4,436,212</b>

$$\text{Burden Rate} = \frac{98\% \text{ Fringe Benefit Costs}}{\text{Total Direct Labor costs}} = \frac{3,861,864}{4,436,212} = 87.1\%$$

The total fringe benefit budget assumes all of the employees are eligible for and use all benefits. Newly hired employees are eligible for benefits the month following hire with the exception of vacation & sick pay. While the MOU provides a cap for unused vacation, this is a rare occurrence because of cash out provisions. Therefore a 98% factor is applied when determining the burden rate to be assigned to each hour of direct labor to spread benefit costs over the jobs in which the work is performed. The 98% figure began in FY 07-08 and has proven accurate and will be continued for FY 15-16 but will be monitored as the new MOU provides for annual vacation cash out with caveats.

The fringe percentage decreased from 96.6% in FY 14-15 to 87.1% in FY 15-16. This increase is due to the payoff of the \$3.1 million CalPERS side fund on 6/30/14. Additionally, the Board approved the Golden Handshake provision for one employee who retired in FY 13-14 and the two who retired in 14-15.

Allocate Admin Costs 15-16

Total Admin Costs

**4,423,050** Admin Budgeted Expenses 14-15

	14-15 Budgeted Direct Labor \$	Rev-Water Sales	Exp-Wtr purch Not incl Admin	Avg	Allocation used for FY 14-15
Water	1,232,822	5,099,860	3,770,405		
Wastewater	839,202	5,350,892	3,442,022		
Recycled	191,060	993,464	757,523		
<b>Total</b>	<b>2,263,084</b>	<b>11,444,216</b>	<b>7,969,950</b>		

Relationships

Water	54%	45%	47%	48.8%	52%
Wastewater	37%	47%	43%	42.3%	42%
Recycled	8%	9%	10%	8.9%	6%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

For FY 09-10 through 12-13 Administrative expenses were allocated as follows: 55% to Water, 41% to Wastewater and 4% to Recycled although a higher percentage should've been allocated to Wastewater and Recycled. Since Recycled turned a profit in FY 11-12 and is expected to do the same in FY 12-13, more costs were be allocated to Recycled. The cost allocation for FY 13-14 was 53% to Water, 42% to Wastewater and 5% to Recycled. For FY 14-15 and 15-16, Water will bear 52% of allocated Admin and Recycled 6% with no change to Wastewater.

## Non-Operating Revenue

The District receives revenues from non-operating sources and these revenues are allocated towards the Capital and Debt Service budgets. Different types of revenues are described below and a budget allocation of these funds follows the descriptions.

- Standby/Availability Charges-A tax assessment of approximately \$9.50 per gross acre on all land within District boundaries, whether water is actually used or not. Approximately \$130,000 is assessed within the Fallbrook Service Area and \$73,000 within the De Luz Service area. These funds are allocated for water capital projects within both service areas.
- Connection fees-fees charged when water meters are purchased and varies by meter size. For FY 15-16, eight meters are budgeted to be sold. These funds are allocated for water capital projects. Six meters were budgeted for FY 14-15. As of 4/30/15 Seventeen Equivalent Meter Units (EMU's) have been sold. If eight Equivalent Meter Units (EMU's) are sold the revenues will be approximately \$56,265.
- Sewer permit fees-flat fees charged to connect to the sewer system based on Equivalent Dwelling Units (EDU's). For FY 15-16 a total of four EDU permits are being budgeted. When available, these revenues are allocated to wastewater capital projects. As of 4/30/15 5.2 EDU's have been sold. If four EDU's are sold the revenue will be approximately \$25,192.
- Portfolio Interest-estimated to be \$190,000. Interest was calculated based on actual rates of return on each investment. These funds are generally allocated for water and wastewater capital projects as well as debt service based upon projected fund balances at year end. For FY 15-16 all interest revenues are pledged to the Water Capital budget.
- Cell tower rents-the District leases space for cell towers. Currently there are 6 sites which are estimated to generate \$162,000. These funds are allocated for water capital projects.
- Tenant rents-The District leases space within the Administrative building to one tenant. Rents of approximately \$18,000 are budgeted. These funds are allocated to water capital projects.
- 1% Property Taxes (FPUD)-For FY 15-16 the estimated receipt of property taxes is \$895,000. This budgeted figure comes from the FY 15-16 Opening Balances for all secured taxes. \$395,893 is allocated to pay the Red Mountain SRF debt service and the remainder is allocated toward Water capital improvements.
- 1% Property Taxes (Improvement District "S")-Improvement District "S" is the former sanitary district. The estimated receipt of property taxes is \$806,000. This budgeted figure comes from the FY 15-16 Opening Balances for all secured taxes. For FY 15-16 only, these revenues will be allocated to Wastewater capital improvements. In FY 15-16 and forward, 100% of these revenues will be pledged to debt service.

- **Water Capital Improvement Charge**-Beginning FY 07-08, a Capital Improvement Charge of \$2.00 per Equivalent Meter Unit (EMU) was implemented due to EPA regulations which required additional disinfection to water coming from the Red Mountain reservoir which became functional in February 2010. In general, the District budgets from between \$1.5 to \$2.5M per year to maintain and upgrade pipelines and water facilities. Annual review of the Capital Improvement Charge is undertaken. For FY 08-09, the Capital Improvement charge was increased to \$3 per EMU. For FY 09-10 the Capital Improvement charge increased to \$3.20 where it stayed for FY 10-11. It was increased to \$3.29 for FY 11-12. The Water Capital Improvement Charge was increased to \$4.00 per EMU for FY 12-13. Due to the aging pipeline infrastructure, the Capital Improvement Charge was increased to \$8 per EMU in FY 13-14 with an escalator factor of the Engineering News Report (ENR) Construction Cost Index for Feb. over Feb. plus 3% added annually. For FY 15-16 the charge is proposed to increase to \$9.06 from \$8.59 per EMU. The additional funds are allocated specifically to pipeline replacement. Total collected in FY 15-16 is approximately \$1,145,000.
- **Wastewater Capital Improvement Charge**-A Wastewater Capital Improvement Charge was implemented in FY 12-13 in order to meet debt service coverage ratios for the Wastewater Treatment Plant borrowing. The District has been approved for low interest State Revolving Fund (SRF) monies to complete the treatment plant rehab. For FY 13-14 the Wastewater Capital Improvement Charge was set at \$10.00 per Equivalent Dwelling Unit (EDU) The additional funds are allocated first to the SRF debt service and the remainder to be allocated to Collections System improvements. FY 14-15 the charge was increased to \$10.44 per EDU. The proposed charge for FY 15-16 is \$10.70 per EDU. The total collected in FY 15-16 is approximately \$1,075,000.
- **Transfers**-the District transfers varying amounts from operations to capital and debt service. For FY 15-16, the Warehouse and Equipment Shop Operations will contribute \$75,000 towards capital for equipment replacement. The Reclaimed Dept. will contribute \$94,248 in FY 15-16 for the Wastewater Treatment plant debt service. The Wastewater Dept. will contribute another \$288,600 for the debt.
- **Solar project funding**-Repayment of principal and interest would come from two major sources, the CSI rebate of \$0.32/kWh and the offsetting payments which would not be made to SDG&E for electricity used at the Wastewater Treatment plant. For FY 15-16 the SDG&E offset which is transferred to the Solar project debt service is \$393,928. The CSI rebate is estimated at \$752,800.
- **An additional \$.10/kgal** was added beginning in FY 13-14 to the DeLuz High and Toyon Pump zones. The \$66,000 in revenues raised by this charge is being invested directly into the two pump stations as improvements.
- **Santa Margarita Conjunctive Use Project**-The District is in the process of working with Camp Pendleton and the Bureau of Reclamation to develop additional water supplies for District customers from the Santa Margarita River. At this time the scope of the project and water yield have been finalized and are awaiting final approval of the Settlement Agreement. The District has initiated design of the

project. It is anticipated to complete the final design in Fiscal Year 15/16. The total estimated cost to complete all work through the final design for the project is \$3,000,000. The District has secured \$2,460,000 in Proposition 50 Grant Funds from the State which are being used to offset the design costs. The remaining amount not covered by the grant is budgeted in the water capital budget to be funded by the District.

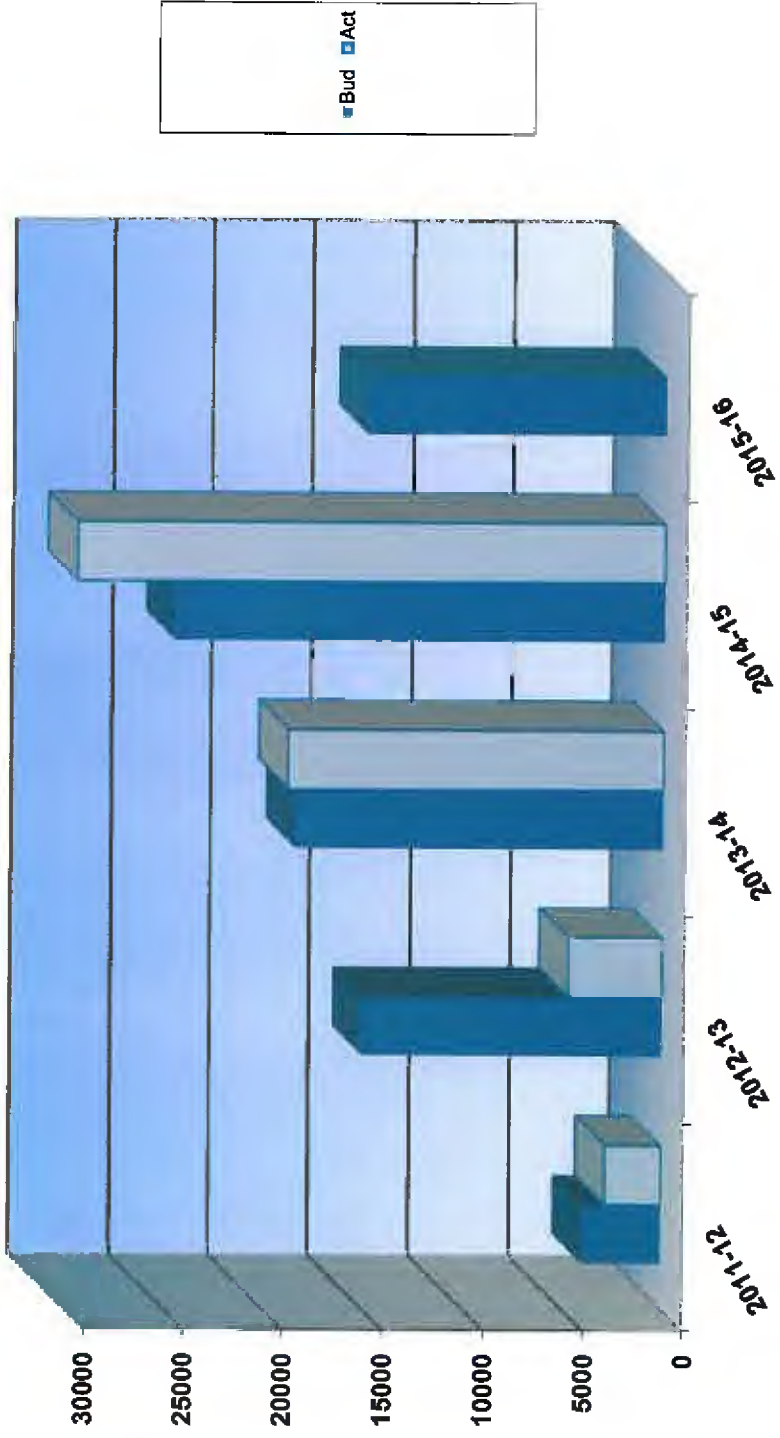
The District is currently evaluating options for funding of the construction of the facilities. The estimated construction costs and funding options are being finalized and are currently not shown in the capital budget..

If the Board elects to finance construction of the project, it would be necessary to issue debt for the project with the intention of repaying the debt using the savings due to reduced water costs from the project versus purchasing imported water from SDCWA so no net increase in revenue needs is anticipated to construct the project.

- Recycled Water Line East Extension - The overall projected cost for this project to expand the recycled water system to serve additional nurseries is estimated to be \$1,600,000. The District secured \$800,000 in Proposition 84 grant funds to offset the cost of the project. The remaining \$800,000 to construct this project is included in the Recycled Capital Budget.

FY 15-16 Total Non Ops revenue	Total Non Operating Revenue	Allocation					Debt Service QECB-Solar	Recyc Capital	WWTTP SRF	Admin Capital	Allocation Totals	Diff
		Water Capital	Wastewater Capital	WWTTP SRF	Admin Capital	Allocation Totals						
Standby/Availability Charges	203,000	203,000								203,000		
Connection Fees-8 meters	56,265	56,265								56,265		
1% Property Taxes-FPUD	895,560	499,667						395,893		895,560		
Portfolio Interest	190,000	190,000								190,000		
Water Capital Improvement Chg.	1,145,000	1,145,000								1,145,000		
Wastewater Capital Improvement Chg.	1,075,000		1,075,000							1,075,000		
Pumping Charge	66,000	66,000								66,000		
Cell Tower Rents	180,000	180,000								180,000		
Interfund Transfers (75k+25k+92+286k)	482,848	25,000						362,848	75,000	482,848		
Sewer Permit Fees-5	25,192	25,192								25,192		
1% Property Taxes-IDS	806,820	806,820								806,820		
CSI Rebate	752,819	440,181						752,819		752,819		
Prop 54 funds	800,000		800,000							800,000		
Prop 50 funds (Corr Use)	900,000	900,000								900,000		
WW Trnx to Solar SDGE offset	393,928							393,928		393,928		
<b>Total Allocated Funds</b>	<b>7,972,432</b>	<b>3,264,932</b>	<b>2,347,193</b>	<b>800,000</b>	<b>1,146,747</b>	<b>395,893</b>	<b>75,000</b>	<b>382,848</b>	<b>7,972,432</b>			

# CAPITAL SUMMARY



**CAPITAL SUMMARY**  
**Budget Year and Out Years**

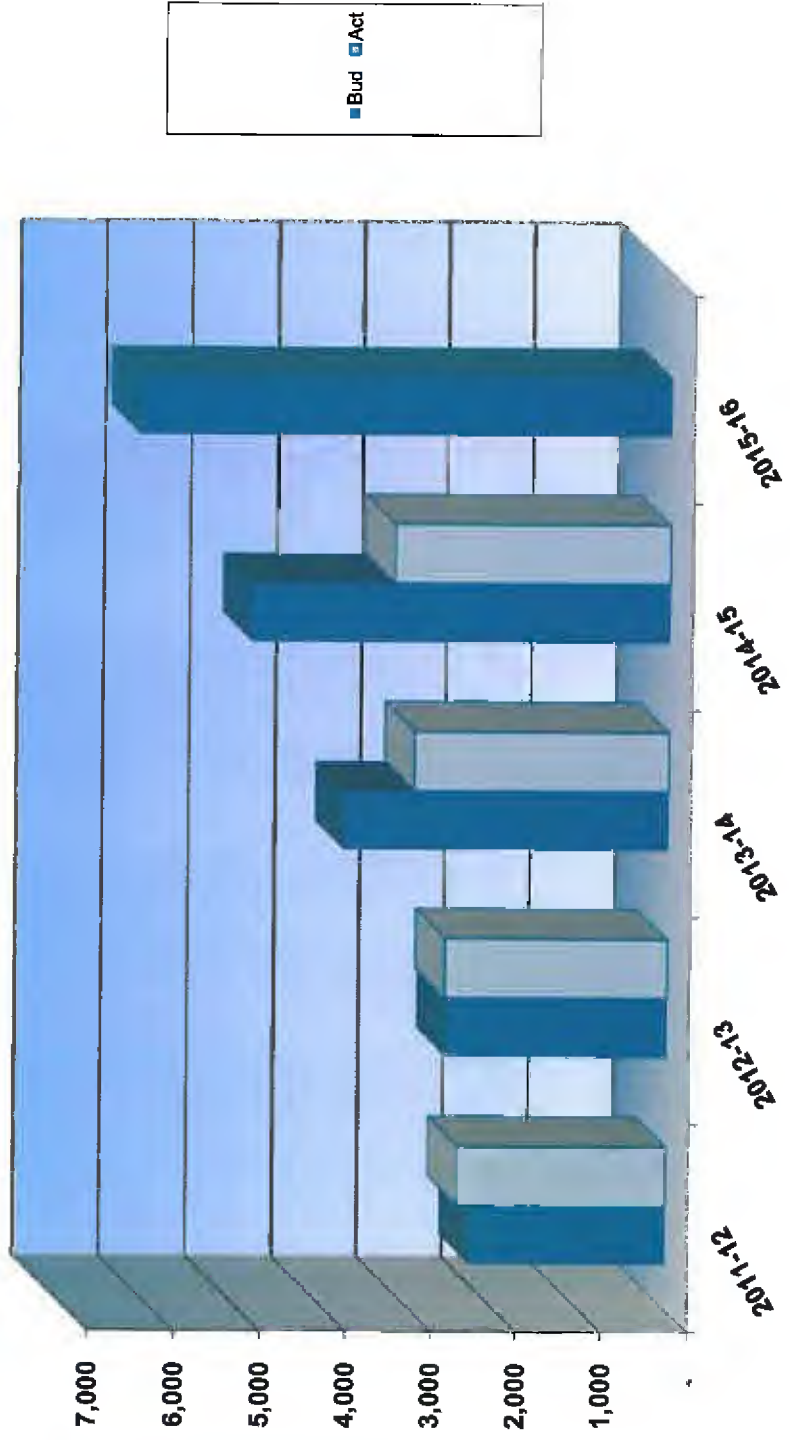
<b>Projects</b>	<b>Budget 2014-15</b>	<b>Projected 2014-15</b>	<b>Budget 2015-16</b>	<b>Outyear 2016-17</b>	<b>Outyear 2017-18</b>	<b>Outyear 2018-19</b>
Water	4,886,240	3,217,725	6,204,929	4,215,062	3,005,267	3,286,708
Wastewater	11,618,150	20,256,114	4,247,395	854,736	831,512	635,057
Recycled	7,720,000	5,463,526	4,029,000	20,000	20,000	20,000
Administration	240,000	439,168	401,500	90,000	70,000	70,000
<b>TOTALS</b>	<b>24,464,390</b>	<b>29,376,533</b>	<b>14,882,824</b>	<b>5,179,798</b>	<b>3,926,779</b>	<b>4,011,765</b>
<b>REVENUE PROGRAM</b>						
Pumping Charge	66,000	66,000	66,000	67,650	69,341	71,075
Standby/Availability Charges	203,000	203,000	203,000	203,000	203,000	203,000
Connection Fees	42,966	105,732	56,265	69,564	82,863	96,162
Sewer Permit Fees	18,894	20,013	25,192	31,490	39,588	44,086
Property Taxes	765,107	480,805	1,306,487	490,800	508,534	526,622
CSI/SDG&E offset	431,089	431,089	440,181	68,480	67,417	66,232
Interest	180,000	180,021	190,000	190,000	190,000	191,900
Developer Funds & Rents	243,000	330,972	250,000	253,600	350,605	354,351
Capital Improvement Charge	2,137,000	2,131,998	2,220,000	1,713,843	1,795,886	1,881,372
Transfer from Operations	100,000	150,000	100,000	100,000	100,000	100,000
Reserves used for Admin/Recyc Prop 50/84 funding	7,080,000 -	524,925 937,974	1,251,500 900,000	35,000 -	15,000 -	15,000 -
Revenue Subtotal	11,267,056	5,562,529	7,008,625	3,223,427	3,422,234	3,549,800
<b>Required Reserves</b>	<b>13,197,334</b>	<b>23,814,004</b>	<b>7,874,198</b>	<b>1,956,371</b>	<b>504,545</b>	<b>461,965</b>
<b>TOTALS</b>	<b>24,464,390</b>	<b>29,376,533</b>	<b>14,882,824</b>	<b>5,179,798</b>	<b>3,926,779</b>	<b>4,011,765</b>
Fund Balance Beginning of Year	10,320,012	12,442,504	13,115,986	11,009,321	9,052,949	8,548,404
Less: District CIP	(274,700)	652,467	(652,467)	-	-	-
Plus: Net SRF Loan Proceeds	17,185,000	24,635,019	5,620,000	-	-	-
Change During Year	(2,397,034)	673,481	(2,106,665)	(1,956,371)	(504,545)	(461,965)
Fund Balance End of Year	7,922,978	13,115,986	11,009,321	9,052,949	8,548,404	8,086,439
FB Minimum per Admin Code	8,418,844	15,522,121	8,906,577	7,758,544	7,792,046	7,370,990
Over (Under Target)	(495,866)	(2,406,136)	2,102,744	1,294,405	756,358	715,449



**CAPITAL SUMMARY**  
**Budget Year and Out Years**

Projects	Budget	Projected	Budget	Outyear	Outyear	Outyear	Outyear	Outyear	Outyear	Outyear	Outyear	Outyear	Outyear
	2014-15	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-16
Water	4,886,240	3,217,725	6,204,929	4,215,062	3,005,287	3,286,708	2,881,572	2,648,528	2,403,131	2,347,673	2,176,324	2,953,465	2,500,718
Wastewater	11,618,150	20,256,114	4,247,395	854,736	831,512	835,057	988,709	619,137	653,011	1,407,001	1,411,111	681,945	699,103
Recycled	7,720,000	5,463,526	4,029,000	20,000	20,000	20,000	170,000	174,000	174,000	-	-	-	-
Administration	240,000	439,188	401,500	90,000	70,000	70,000	65,000	65,000	66,950	68,959	71,027	73,158	75,353
<b>TOTALS</b>	<b>24,484,390</b>	<b>29,376,533</b>	<b>14,882,824</b>	<b>5,179,798</b>	<b>3,926,779</b>	<b>4,011,766</b>	<b>4,105,281</b>	<b>3,504,665</b>	<b>3,287,092</b>	<b>3,823,632</b>	<b>3,658,462</b>	<b>3,708,567</b>	<b>3,275,173</b>
<b>REVENUE PROGRAM</b>													
Pumping Charge	66,000	66,000	66,000	67,650	69,341	71,075	72,852	74,673	76,540	78,453	80,415	82,425	84,486
Standby/Availability Charges	203,000	203,000	203,000	203,000	203,000	203,000	203,000	203,000	203,000	203,000	203,000	203,000	203,000
Connection Fees	42,966	105,732	56,265	69,564	82,863	96,162	96,162	100,162	100,162	96,162	96,182	96,162	96,162
Sewer Permit Fees	18,894	20,013	25,192	31,490	38,588	44,086	44,086	44,086	44,086	44,086	44,086	44,086	44,086
Property Taxes	765,107	480,805	1,306,487	490,800	508,534	526,822	545,073	563,892	583,088	602,667	622,639	643,009	663,787
CSI/SDG&E offset	431,089	431,089	440,181	68,480	67,417	66,232	64,918	63,467	61,874	60,131	58,229	56,160	53,916
Interest	180,000	180,021	180,000	180,000	190,000	191,900	197,657	203,587	209,694	215,985	222,485	228,139	236,013
Developer Funds & Rents	243,000	330,972	250,000	253,800	350,605	354,351	358,171	288,735	272,709	276,763	280,899	285,117	299,419
Capital Improvement Charge	2,137,000	2,131,998	2,220,000	1,713,843	1,795,896	1,881,372	1,970,462	2,063,322	2,160,127	2,261,050	2,366,313	2,478,088	2,590,596
Transfer from Operations	100,000	150,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Reserves used for Admin/Recyc	7,080,000	524,925	1,251,500	35,000	15,000	15,000	160,000	160,000	161,950	(6,042)	(3,973)	(1,842)	353
Prop 50/64 funding	-	937,974	900,000	-	-	-	-	-	-	-	-	-	-
Revenue Subtotal	11,287,056	5,682,529	7,008,625	3,223,427	3,422,234	3,549,800	3,812,380	3,844,924	3,973,231	3,932,266	4,070,234	4,223,344	4,371,818
Required Reserves	13,197,334	23,814,004	7,874,198	1,956,371	504,545	461,965	292,901	(340,259)	(676,139)	(108,634)	(411,771)	(514,776)	(1,096,645)
<b>TOTALS</b>	<b>24,484,390</b>	<b>29,376,533</b>	<b>14,882,824</b>	<b>5,179,798</b>	<b>3,926,779</b>	<b>4,011,766</b>	<b>4,105,281</b>	<b>3,504,665</b>	<b>3,287,092</b>	<b>3,823,632</b>	<b>3,658,462</b>	<b>3,708,567</b>	<b>3,275,173</b>
Fund Balance Beginning of Year	10,320,012	12,442,504	13,115,986	11,009,321	9,052,949	8,548,404	8,086,439	7,793,538	8,133,797	8,909,936	8,918,570	9,330,341	9,845,118
Less: District CIP	(274,700)	652,467	(652,467)	-	-	-	-	-	-	-	-	-	-
Plus: Net SRF Loan Proceeds	17,185,000	24,835,019	5,620,000	-	-	-	-	-	-	-	-	-	-
Change During Year	(2,397,034)	873,481	(2,106,665)	(1,956,371)	(504,545)	(461,965)	(292,901)	340,259	676,139	108,634	411,771	514,776	1,096,645
Fund Balance End of Year	7,922,978	13,115,996	11,009,321	9,052,949	8,548,404	8,086,439	7,793,538	8,133,797	8,909,936	8,918,570	9,330,341	9,845,118	10,941,763
FB Minimum per Admin Code	8,418,844	15,522,121	8,908,577	7,758,544	7,792,046	7,370,990	6,321,807	6,810,816	7,342,109	7,222,844	6,835,230	8,417,314	5,718,211
Over (Under Target)	(495,866)	(2,406,136)	2,102,744	1,294,405	758,358	715,449	1,471,731	1,322,982	1,467,827	1,695,726	2,495,112	3,427,804	5,223,551

# WATER CAPITAL



**WATER DEPARTMENT**  
Capital Budget Summary

<b>PROJECTS</b>	<b>Budget 2014-15</b>	<b>Projected 2014-15</b>	<b>Budget 2015-16</b>	<b>Outyear 2016-17</b>	<b>Outyear 2017-18</b>	<b>Outyear 2018-19</b>	<b>Outyear 2019-20</b>
Field Equipment	728,150	173,412	601,000	406,000	266,000	156,000	526,000
Reservoirs	743,077	237,405	696,853	1,240,543	544,697	943,443	290,812
Seismic Retrofit	30,000	-	30,000	30,000	30,000	30,000	30,000
Pipelines	1,544,907	967,573	1,478,602	1,434,677	1,099,360	1,187,687	1,170,182
Yard/SCADA/Facility	100,000	-	221,000	15,000	40,000	15,000	15,000
DLSA Improvements	210,000	167,701	100,000	0	0	0	0
Pressure Stations	20,000	102,263	38,000	30,000	38,000	90,000	20,000
Santa Margarita Conj. Use	545,000	617,279	1,500,000	30,000	20,000	20,000	20,000
Santa Margarita Water Rights	122,140	103,702	122,140	192,140	117,140	117,140	112,140
Pump Stations	565,000	601,522	720,000	200,000	200,000	75,000	50,000
Water Supply Facilities	90,000	71,456	80,000	50,000	50,000	50,000	50,000
Meter Service Replacement	40,000	16,800	445,000	400,000	400,000	400,000	400,000
Meter Installations	42,966	44,557	59,334	75,702	92,070	108,438	108,438
Facility Upgrades & Security	105,000	114,055	113,000	111,000	108,000	94,000	89,000
<b>TOTALS</b>	<b>4,886,240</b>	<b>3,217,725</b>	<b>6,204,929</b>	<b>4,215,062</b>	<b>3,005,267</b>	<b>3,286,708</b>	<b>2,881,572</b>

Reduce Budget by \_\_%

**REVENUE PROGRAM**

Pumping Charge	66,000	66,000	66,000	67,650	69,341	71,075	72,852
Standby/Availability Charges	203,000	203,000	203,000	203,000	203,000	203,000	203,000
Connection Fees	42,966	105,732	56,265	69,564	82,863	96,162	96,162
Property Taxes	481,107	480,805	499,667	490,800	508,534	526,622	545,073
Interest	180,000	180,021	190,000	190,000	190,000	191,900	197,657
Developer Funds	15,000	147,649	20,000	20,000	20,000	20,000	20,000
Capital Improvement Charge	1,089,000	1,084,726	1,145,000	1,202,250	1,262,363	1,325,481	1,391,755
Facilities Rent Revenue/Tenants	178,000	183,323	180,000	183,600	187,272	191,017	194,838
Transfer from Water Ops/60	25,000	75,000	25,000	25,000	25,000	25,000	25,000
Prop 50 funds	-	137,974	900,000	-	-	-	-
Revenue Subtotal	2,280,073	2,664,229	3,284,932	2,451,864	2,548,373	2,650,257	2,746,336
<b>Required Reserves</b>	<b>2,606,167</b>	<b>553,496</b>	<b>2,919,997</b>	<b>1,763,197</b>	<b>456,894</b>	<b>636,451</b>	<b>135,236</b>
<b>TOTALS</b>	<b>4,886,240</b>	<b>3,217,725</b>	<b>6,204,929</b>	<b>4,215,062</b>	<b>3,005,267</b>	<b>3,286,708</b>	<b>2,881,572</b>

Fund Balance Beginning of Year	9,192,294	10,684,305	10,783,276	7,210,812	5,447,615	4,990,720	4,354,269
Less: District CIP	(274,700)	652,467	(652,467)				
Plus: Net SRF Loan Proceeds			-				
Change During Year	(2,880,867)	98,971	(3,572,464)	(1,763,197)	(456,894)	(636,451)	(135,236)
Fund Balance End of Year	6,311,427	10,783,276	7,210,812	5,447,615	4,990,720	4,354,269	4,219,033
FB Minimum per Admin Code	6,659,380	10,419,991	7,220,329	6,291,975	6,168,280	5,763,144	5,049,659
Fund Balance Over (Under Target)	(347,953)	363,286	(9,517)	(844,361)	(1,177,560)	(1,408,875)	(830,626)



**WATER DEPARTMENT**  
**Capital Budget**  
Project Detail

**Project Title:** Equipment Fleet

**Description:** This program provides for the purchase of field equipment and fleet vehicles to maintain the fleet at the current level to accomplish the objectives of this and projected budget years. The District has developed a fleet replacement plan to maintain a serviceable, reliable fleet in the most economical manner. For field equipment replacement is required to meet CA air quality requirements (DOORS) as Tier 0, I and II equipment must be replaced to comply with Tier IV emission requirements. Currently we meet January 1, 2018 compliance date, however we need to continue to take action to meet the January 1, 2019 compliance.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
<b><u>Transportation</u></b>						
Midsize 4WD						
Midsize						
Full-size 1/2 Ton	75,000	70,000	70,000	70,000	70,000	70,000
<b><u>Crew Support</u></b>						
T3 3/4-1T Cab &Utility Body	75,000	70,000		60,000		70,000
<b><u>Field Equipment</u></b>						
Misc. Field Equipment	10,000	10,000	5,000	5,000	5,000	5,000
3 Loaders- DOORS requirement		125,000	170,000			180,000
Class A Fifth Wheel		110,000				
Vactor truck	420,000				430,000	
Sewer Lateral Camera						
I&C Truck Cap Cover						
<b><u>Safety Equipment</u></b>						
Safety Equipment	8,000	8,000	8,000	8,000	8,000	8,000
<b><u>Misc. Vehicles</u></b>						
Major Overhaul	13,000	13,000	13,000	13,000	13,000	13,000
<b>Total</b>	<b>601,000</b>	<b>406,000</b>	<b>266,000</b>	<b>156,000</b>	<b>526,000</b>	<b>346,000</b>

**WATER DEPARTMENT**  
**Capital Budget**  
Project Detail

**Project Title:** Reservoirs

**Description:** The reservoir coatings survey was completed in 2010 and the decennial cycle of coatings projects that had been delayed due to past budget constraints was undertaken in 2010-11 to prevent structural damage due to the condition of the coatings. Work will continue indefinitely to extend the life of the District's resources. In addition on-going replacements of the cathodic protection system is required.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
<b><u>Reservoirs Rehabilitation</u></b>						
Design	11,255	11,593	11,941	12,299	12,668	13,048
Inspection/Construction Management	36,563	51,563	45,000	65,000	30,000	30,000
1MG				240,000		
2MG, DeLuz	400,000				240,000	
Sachse 10.5 MG						
Gheen						
Replace Bolted Tank (Joan Ln)						
Toyon	192,000					
Tank Rental	50,000					
Rattlesnake						
8 MG		1,170,000				
Bucknell						240,000
2.8 MG			480,000			
Sandia				618,000		
Reservoir Mixing 8MG						
Reservoir Mixing Gheen						
Cathodic Protection Repair	7,036	7,387	7,757	8,144	8,144	8,144
<b>Totals</b>	<b>696,853</b>	<b>1,240,543</b>	<b>544,697</b>	<b>943,443</b>	<b>290,812</b>	<b>291,192</b>



**WATER DEPARTMENT**  
**Capital Budget**  
Project Detail

**Project Title:** Pipelines

**Description:** Pipeline projects include main line water pipelines, valves and appurtenances. These include an allowance for any District share of developer pipelines, aging pipeline replacement, annexation projects and District looping extensions. The primary District effort is to replaced deteriorated pipelines and valves to maintain service reliability in accordance with the asset management plan.

**10 Year Projected Pipeline Replacements Cost**

<u>Location of Project</u>	<u>Man Hrs</u>	<u>LF</u>	<u>Cost/LF</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Asset Management Program Update					50,000				50,000
<b><u>Pipe Lines Projects</u></b>									
<b>Projects to be Completed by District Staff</b>									
Mardavido 10" Phase 2		1,216	198						
Stagecoach /Devln 8 "		1,750	187						
Winterhaven 12"		1,500	216						
Santa Margarita Drive 12" CLIP Phase I & II		2,000	216		216,000	216,000			
Stagecoach @ Alvarado St 12"		1,300	216				280,800		
Brooke St @ Stagecoach 8"		1,320	187				247,104		
Alvarado @ Brandonburg 10"		1,500	198					297,000	
Hawthorne St @ Orange 6"		975	166					161,460	
Main Street Alley 4" to 6"		600	166						
Alvarado St @ Brandon 8"		570	187			106,704			
Hillside Drive 12" Phase I & II		4,500	216						486,000
Gumtree 12 " bottleneck @ PRV Station		100	216	\$ 21,800					
Almond Street Alley 6"		1,200	166			198,720			
Hillcrest Ln Easement 8" CLIP Ft		780	150						
Misc Pipelines									
Palomino and McDonald intersection									
Misc Pipeline Replacement									
Valve Replacements				350,000	150,000				
Replace Fire Detector Checks				33,502	35,177	36,936	38,783	40,722	42,758
<b>Easement Maintenance</b>									
DeLuz Transmission Washout @ Chandler Ranch									
Rainbow 24" Transmission pipe supports and freeway crossing inspection						200,000			
Gumtree 20" CLIP Transmission pipe supports in canyon									150,000
Future Easement Rehabilitation					60,000		30,000	30,000	30,000
<b>Projects to be Completed by Contractors</b>									
<b>Pipeline Replacement</b>									
Olive Hill Rd 12" Phase I & II		4,000	225						
Beaver Creek 12' to 16"		6,500	250	812,500	812,500				
Misc Pipelines							500,000	550,000	605,000
Mainline leak survey				20,000	20,000				
Valve Replacement Program				200,000	50,000	300,000	50,000	50,000	50,000
Developer, District Share				21,000	21,000	21,000	21,000	21,000	21,000
Developer Pipelines				20,000	20,000	20,000	20,000	20,000	20,000
<b>Total</b>				<b>1,478,802</b>	<b>1,434,677</b>	<b>1,099,360</b>	<b>1,187,687</b>	<b>1,170,182</b>	<b>1,454,758</b>



**WATER DEPARTMENT**  
**Capital Budget**  
 Project Detail

**Project Title:** District Yard-Facilities

**Description:** A program to maintain the main corporation yard and office to the District's ongoing mission. The asphalt condition of the main storage yard has deteriorated significantly and if not repaired and sealed, more costly full asphalt replacement will be necessary.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Seal/Stripe Lot	21,000	15,000	15,000	15,000	15,000	15,000
Asphalt Yard	200,000					
Car Port Truck Lift			25,000			
<b>Totals</b>	<b>221,000</b>	<b>15,000</b>	<b>40,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>

**WATER DEPARTMENT**  
**Capital Budget**  
 Project Detail

**Project Title:** Deluz Pipeline

**Description:** In accordance with the Board's DeLuz Service Area policy waterlines are extened based on customer requirements and District obligations to extend service to certain parcels, currently no Deluz waterline extensions are planned over the five year period . A Master Plan update mast completed in 14-15 completed to guide future improvements. This work is completed using the Deluz Improvement District Funds.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Deluz/Murrieta 12" River Crossing	100,000					
Deluz Master Plan						
<b>Totals</b>	<b>100,000</b>	-	-	-	-	-

Required DeLuz District Pipeline Extention Listing

**WATER DEPARTMENT**  
**Capital Budget**  
Project Detail

**Project Title:** Pressure Stations

**Description:** The District has pressure control stations that require overhaul, raising to grade, and miscellaneous activities to maintain function. The District continues to reconstruct pressure control stations to new technology as part of a long-term program to upgrade District facilities.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Sachse PRV		10,000				
<b><u>McDonald 6";16"</u></b>						
Repair 6" Piping				20,000		
Bring Above Grade				50,000		
Gum Tree PRV						
Kaufman 16"						
Sandia PRV	18,000					
DeLuz at Dally 6"			18,000			
Other FCF Rehab	20,000	20,000	20,000	20,000	20,000	20,000
PCV at 8mg						
<b>Totals</b>	<b>38,000</b>	<b>30,000</b>	<b>38,000</b>	<b>90,000</b>	<b>20,000</b>	<b>20,000</b>

**WATER DEPARTMENT**  
**Capital Budget**  
Project Detail

**Project Title:** Santa Margarita Conjunctive Use

**Description:** All costs associated with the continuing participation in development of the Conjunctive Use Project, including efforts to secure federal funding, development of agreements, environmental documents, studies and ultimately design and construction related to the ongoing Conjunctive Use project development costs. The current approach is based on utilizing Proposition 50 for off-setting design costs. Construction funding is currently not included in the budget until the funding approach and cost is finalized

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Lobbying						
<b><u>Developing EIR/EIS and Agreement</u></b>						
Legal Negotiations Support (Lennilaw)	10,000	10,000				
Internal Staff						
Fisheries Support (Contract Services)						
Additional Contracted Support Services	40,000					
<b><u>Facility Design</u></b>						
Internal Staff						
Contract Services	1,400,000					
<b><u>Facility Construction</u></b>						
Internal Staff Support		20,000	20,000	20,000	20,000	20,000
<b><u>Santa Margarita Property</u></b>						
House Demolition and Fencing	50,000					
<b>Totals</b>	<b>1,500,000</b>	<b>30,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>

**WATER DEPARTMENT**  
**Capital Budget**  
Project Detail

**Project Title:** Santa Margarita River Water Rights

**Description:** All costs associated with securing water rights for both the Conjunctive Use Project and Lake Skinner. Includes costs to maximize beneficial uses of the Lake Skinner water rights. Includes legal costs and watermaster fees to support securing, protecting and maintaining the District's water rights.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Watermaster	97,140	97,140	97,140	97,140	97,140	97,140
SMRCUP Water Rights	10,000	10,000	10,000	10,000	10,000	10,000
Lake Skinner Water Rights			5,000	5,000		
Skinner Inflows Modeling/Flow Measurement	15,000	5,000	5,000	5,000	5,000	5,000
Skinner MND Update		80,000				
<b>Totals</b>	<b>122,140</b>	<b>192,140</b>	<b>117,140</b>	<b>117,140</b>	<b>112,140</b>	<b>112,140</b>

**WATER DEPARTMENT**  
**Capital Budget**  
 Project Detail

**Project Title:** Pump Stations

**Description:** Upgrades required at existing pump stations to maintain/improve reliability and improve the ability of the District to remotely monitor and control the operation of the water system. Daily Pump Station is reaching the end of its useful life and requires full replacement.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Misc Pump Replacements					50000	50000
<b><u>Harris Pump Station</u></b>						
Replace Pumps and Starters			150,000			
<b><u>Donnil Pump Station</u></b>						
Replace Pumps						
Replace Backboard and Electrical						
Additional Pump						
Sitework and Piping						
Generator		200,000				
<b><u>Dally Pump Station</u></b>						
Electrical Design						
Construction	700,000					
Internal Staff	20,000					
<b><u>Toyon Pump Station</u></b>						
Replace pump & motor				40,000		
Replace Electrical				20,000		
Telemetry and SCADA				15,000		
<b><u>Deluz Pump Station</u></b>						
Design			50,000			
<b>Totals</b>	<b>720,000</b>	<b>200,000</b>	<b>200,000</b>	<b>75,000</b>	<b>50,000</b>	<b>50,000</b>

**WATER DEPARTMENT**  
**Capital Budget**  
 Project Detail

**Project Title:** Water Supply Facilities

**Description:** Changes in Federal drinking water regulations required additional treatment at Red Mountain Reservoir. Funding is required to replace equipment and optimize operation of the disinfection facility.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
<b><u>Red Mountain Treatment</u></b>						
UV Facility Optimization	60,000	50,000	50,000	50,000	50,000	50,000
UV Disinfection AWARF Study	20,000					
Replace UPS Batteries						
UV Reactor Replacement						
<b>Totals</b>	<b>80,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>

**WATER DEPARTMENT**  
**Capital Budget**  
 Project Detail

**Project Title:** Meter Service Replacement Program

**Description:** The program is aimed to replace the vast majority of District meters that have exceeded design life over the next 5-6 years with meters capable of operating with a Fixed network Advanced Meter Infrastructure (AMI) system and begin implementation of the fixed network to eliminate the need to drive by meters to collect data. The majority of the District will be placed on a fixed network by FY 19-20.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Service Line/Valve Replacement	400,000	400,000	400,000	400,000	400,000	50,000
Non Revenue Water Audit	45,000					
<b>Totals</b>	<b>445,000</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>50,000</b>



**WATER DEPARTMENT**  
**Capital Budget**  
 Project Detail

**Project Title:** Meter Service Installations

**Description:** This budget year 2014-15 is estimated at 6 meter installations. The budget for FY 12-13 includes fees for meter & service line plus FPUD connection fees. Development is increasing and we anticipate levels to begin to ramp up but stay below previous levels of 20 meters per year

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Meter Installations	59,334	75,702	92,070	108,438	108,438	108,438
<b>Totals</b>	<b>59,334</b>	<b>75,702</b>	<b>92,070</b>	<b>108,438</b>	<b>108,438</b>	<b>108,438</b>

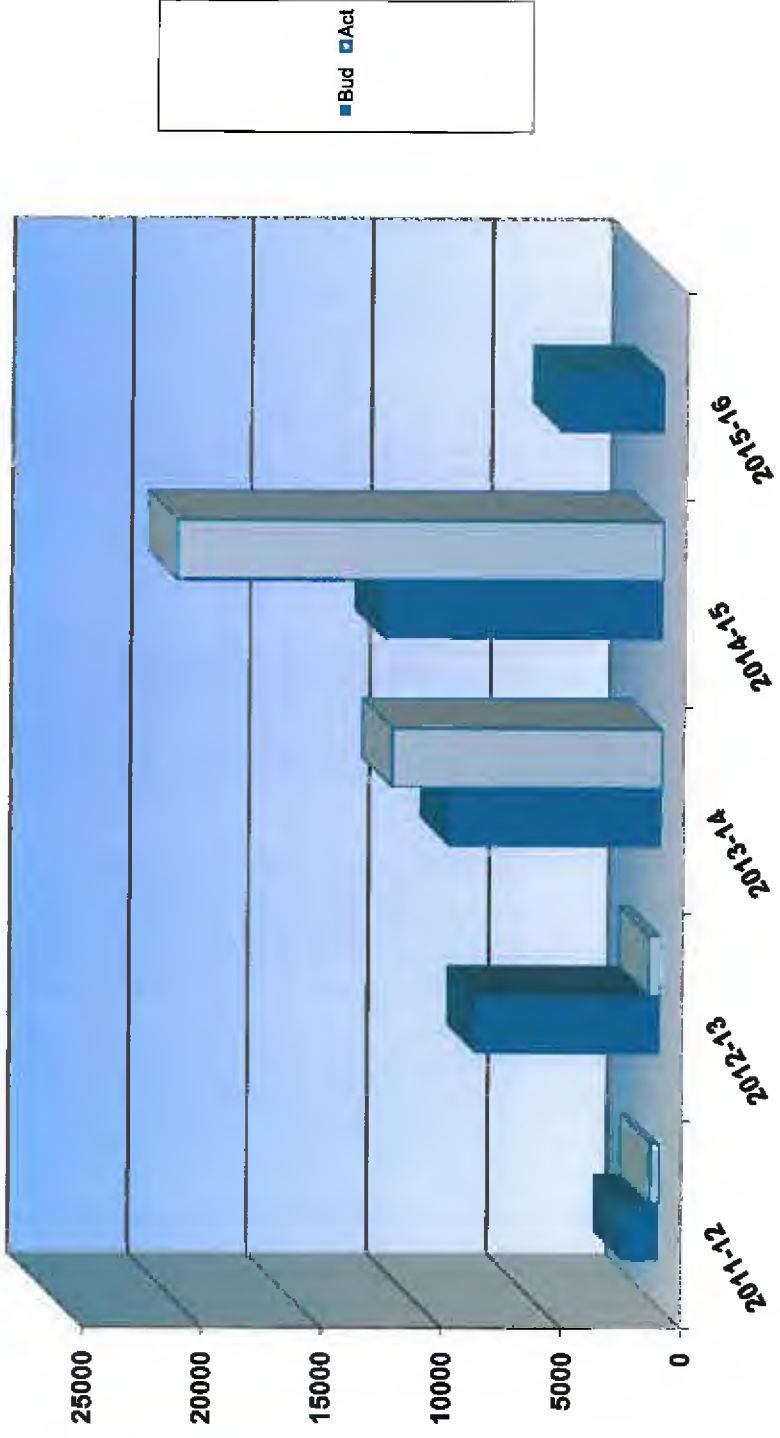
**WATER DEPARTMENT**  
**Capital Budget**  
Project Detail

**Project Title:** Faculty Upgrade/Security/Telemetry

**Description:** Provides improvements/upgrades predicated primarily by heightened security considerations and improvements to remotely monitor and operate facilities

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Site Security & Monitoring	12,000	5,000	5,000	5,000		
SCADA Radio, PLC network install Replacements	54,000	54,000	54,000	54,000	54,000	54,000
Flow Control Facility Telemetry	25,000	25,000	20,000	20,000	20,000	20,000
Water quality monitoring at remote sites			14,000	15,000	15,000	15,000
Fence Protection at remote sites	22,000	22,000	15,000			10,000
Emergency Preparedness Equip.		5,000				
Emergency Power / Battery Equipment	10,000	10,000	10,000	10,000	10,000	10,000
<b>Totals</b>	<b>113,000</b>	<b>111,000</b>	<b>108,000</b>	<b>94,000</b>	<b>89,000</b>	<b>99,000</b>

# WASTEWATER CAPITAL



**WASTEWATER DEPARTMENT**  
Capital Budget Summary

<b>Projects</b>	<b>Budget 2014-15</b>	<b>Projected 2014-15</b>	<b>Budget 2015-16</b>	<b>Outyear 2016-17</b>	<b>Outyear 2017-18</b>	<b>Outyear 2018-19</b>	<b>Outyear 2019-20</b>	<b>Outyear 2020-21</b>
Collection System	1,048,150	923,864	431,395	504,736	488,178	341,724	645,375	369,137
Treatment Works	10,270,000	19,332,250	3,316,000	100,000	100,000	100,000	150,000	150,000
Solar Project (see Debt Svc)	-	-	-	-	-	-	-	-
Outfall	250,000	-	450,000	200,000	100,000	50,000	50,000	50,000
Minor System improvements	-	-	-	-	-	-	-	-
Developer	50,000	-	50,000	50,000	143,333	143,333	143,333	50,000
<b>TOTALS</b>	<b>11,618,150</b>	<b>20,256,114</b>	<b>4,247,395</b>	<b>854,736</b>	<b>831,512</b>	<b>635,057</b>	<b>988,709</b>	<b>619,137</b>
Reduce Budget by 20%								
<b>Revenue Program</b>								
Sewer Permit Fees	18,894	20,013	25,192	31,490	39,588	44,086	44,086	44,086
1% Property Taxes	284,000	-	806,820	-	-	-	-	-
PBI/SDG&E offset(net debt savings)	431,089	431,089	440,181	68,480	67,417	66,232	64,918	63,467
Interest	-	-	-	-	-	-	-	-
Capital Improvement Charge	1,048,000	1,047,272	1,075,000	511,593	533,523	555,892	578,708	601,980
Developer	50,000	-	50,000	50,000	143,333	143,333	143,333	50,000
Revenue Subtotal	1,831,983	1,498,374	2,397,193	661,563	783,861	809,543	831,044	759,533
<b>Required Reserves</b>	<b>9,786,167</b>	<b>18,757,740</b>	<b>1,850,201</b>	<b>193,174</b>	<b>47,651</b>	<b>(174,486)</b>	<b>157,664</b>	<b>(140,397)</b>
<b>TOTALS</b>	<b>11,618,150</b>	<b>20,256,114</b>	<b>4,247,395</b>	<b>854,736</b>	<b>831,512</b>	<b>635,057</b>	<b>988,709</b>	<b>619,137</b>
Fund Balance Beginning of Year	1,127,718	1,758,199	2,332,709	3,798,508	3,605,335	3,557,684	3,732,170	3,574,505
Less: District CIP			-					
Plus: Net SRF Loan Proceeds	10,270,000	19,332,250	3,316,000					
Change During Year	483,833	574,510	1,465,799	(193,174)	(47,651)	174,486	(157,664)	140,397
Fund Balance End of Year	1,611,551	2,332,709	3,798,508	3,605,335	3,557,684	3,732,170	3,574,505	3,714,902
FB Minimum per Admin Code	1,759,464	5,102,131	1,686,248	1,466,569	1,623,766	1,607,846	1,272,148	2,060,012
Over (Under Target)	(147,913)	(2,769,421)	2,112,260	2,138,766	1,933,918	2,124,324	2,302,358	1,654,890

## WASTEWATER DEPARTMENT

### Capital Budget Summary

	Budget 2014-15	Projected 2014-15	Budget 2015-16	Outyear 2016-17	Outyear 2017-18	Outyear 2018-19	Outyear 2019-20	Outyear 2020-21	Outyear 2021-22	Outyear 2022-23	Outyear 2023-24	Outyear 2024-25	Outyear 2025-16	Outyear 2026-27
<b>Projects</b>														
Collection System	1,048,150	923,864	431,395	504,738	488,178	341,724	645,375	369,137	353,011	357,001	361,111	371,945	383,103	394,596
Treatment Works	10,270,000	19,332,250	3,316,000	100,000	100,000	100,000	160,000	160,000	200,000	950,000	950,000	200,000	206,000	212,160
Solar Project (see Debt Svc)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Outfall	250,000	-	450,000	200,000	100,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Minor System Improvements	50,000	-	50,000	50,000	143,333	143,333	143,333	50,000	50,000	50,000	50,000	60,000	60,000	60,000
Developer	11,618,150	20,256,114	4,247,395	854,736	831,512	635,057	988,709	619,137	663,011	1,407,001	1,411,111	681,945	699,703	716,776
<b>TOTALS</b>														
Reduce Budget by 20%														
Revenue Program														
Sewer Permit Fees	18,894	20,013	25,192	31,490	39,588	44,086	44,086	44,086	44,086	44,086	44,086	44,086	44,086	44,086
1% Property Taxes	284,000	-	806,820	-	-	-	-	-	-	-	-	-	-	-
PBI/SD&E offset(net debt savings)	431,089	431,089	440,181	68,480	67,417	66,232	64,916	63,467	61,874	60,131	58,229	56,160	53,916	51,488
Interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Improvement Charge	1,048,000	1,047,272	1,075,000	511,583	533,523	555,892	578,706	601,980	625,718	649,830	674,627	698,818	725,512	751,720
Developer	50,000	-	50,000	50,000	143,333	143,333	143,333	50,000	50,000	50,000	50,000	60,000	60,000	60,000
Revenue Subtotal	1,831,983	1,498,374	2,397,193	661,563	783,861	809,543	831,044	759,533	781,678	804,147	826,941	850,063	883,514	907,295
Required Reservas	9,786,167	18,757,740	1,850,201	193,174	47,651	(174,486)	157,664	(140,397)	(128,667)	602,854	594,170	(178,119)	(184,411)	(190,519)
<b>TOTALS</b>	11,618,150	20,256,114	4,247,395	854,736	831,512	635,057	988,709	619,137	663,011	1,407,001	1,411,111	681,945	699,703	716,776
Fund Balance Beginning of Year	1,127,718	1,758,199	2,332,709	3,798,508	3,605,335	3,557,684	3,732,170	3,574,505	3,714,902	3,843,569	3,240,714	2,656,545	2,834,863	3,018,075
Less: District CIP	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plus: Net SRF Loan Proceeds	10,270,000	19,332,250	3,316,000	-	-	-	-	-	-	-	-	-	-	-
Change During Year	483,833	574,510	1,465,799	(193,174)	(47,651)	174,488	(157,664)	140,397	128,667	(602,854)	(584,170)	178,119	184,411	190,519
Fund Balance End of Year	1,611,551	2,332,709	3,798,508	3,605,335	3,557,684	3,732,170	3,574,505	3,714,902	3,843,569	3,240,714	2,656,545	2,834,863	3,018,075	3,208,593
FB Minimum per Admin Code	1,759,464	5,102,131	1,686,248	1,466,569	1,623,766	1,607,848	1,272,148	2,060,012	2,818,112	2,093,056	1,381,047	1,415,879	716,776	1,433,552
Over (Under Target)	(147,913)	(2,769,421)	2,112,260	2,136,766	1,933,918	2,124,324	2,302,358	1,654,890	1,025,458	1,147,859	1,275,497	1,418,784	2,302,299	1,776,041

**WASTEWATER DEPARTMENT**  
**Capital Budget**  
Project Detail

**Project Title:** Collection System

**Description:** The Board of Directors established a prioritized work program for the Collection system to address trouble areas in the Collections System. The collection system work contemplated to comply with that work program is: Force Main Replacements, Brandon Trunk Main Upgrade and E. Alvarado Trunk Main Upgrade. An evaluation of the most cost effective methodology for upgrades to these sections was conducted and an asset management program will be implemented to determine long term collection system replacement needs.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Asset Management Program Updates		20,000				20,000
Developer Funded Improvements	50,000	50,000	50,000	50,000	50,000	50,000
Shady Lane LS Improvements			93,333	93,333	93,333	
Balance Shady Lane LS Improvements from District Funds					500,000	
<b><u>District Funded Improvements</u></b>						
<b><u>Contracted Tasks</u></b>						
S. Mission Design Phase III						
S. Mission Road Trunk Main Phase I						
S. Mission Road Trunk Main Phase II						
N. Brandon Trunk Main		350,000				
E. Alvarado Trunk Main			350,000			
Plant 2 Force Main Replacement	300,000					
VCP Pipe Replacement						
Green Canyon Force Main Replacement				200,000		
Plant 2 PS Pump Replacement						200,000
<b><u>Tasks Done by District Personnel</u></b>						
Replace Creek Crossing Ammunition						
Collections Repair	63,654	65,564	67,531	69,556	71,643	73,792
Manhole Replacement/Relining	47,741	49,173	50,648	52,167	53,732	55,344
Telemetry Upgrades	20,000	20,000	20,000	20,000	20,000	20,000
<b>Totals</b>	<b>481,395</b>	<b>554,736</b>	<b>631,512</b>	<b>485,057</b>	<b>788,709</b>	<b>419,137</b>

**WASTEWATER DEPARTMENT**  
**Capital Budget**  
Project Detail

**Project Title:** Treatment Works

**Description:** The treatment plant had undergone a major renovation which will be complete in FY 15-16. Additional minor equipment replacements will be needed for equipment that was not replaced as part of the upgrade. The sludge dryer will require replacement in FY 23/24.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
<b><u>Treatment Plant Improvements</u></b>						
Chlorine System Improvements						
Headworks Structural Repairs						
Operation Building Repairs						
Equipment Rehabilitation/Replacement	100,000	100,000	100,000	100,000	150,000	150,000
Sludge Dryer Replacement						
<b><u>Treatment Plant Rehabilitation Project</u></b>						
Design Rehabilitation Project						
SCADA Programming	60,000					
Construction Administration	36,000					
Construction Management	120,000					
Construction	3,000,000					
<b>Totals</b>	<b>3,316,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>150,000</b>	<b>150,000</b>

**WASTEWATER DEPARTMENT**  
**Capital Budget**  
 Project Detail

**Project Title:** Outfall Line

**Description:** An inspection of the FPUD Land Outfall is being completed to verify the outfall condition and determine any future repair needs. Replacement of Air/Vacs and Drain valves is also required to prevent spills

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Outfall Remote Inspection	250,000					
Air-Vac / Drain Valve Replacement	200,000	200,000	100,000	50,000	50,000	50,000
<b>Totals</b>	<b>450,000</b>	<b>200,000</b>	<b>100,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>



**RECYCLED WATER DEPARTMENT**  
Capital Budget Summary

<b>Projects</b>	<b>Budget 2014-15</b>	<b>Projected 2014-15</b>	<b>Budget 2015-16</b>	<b>Outyear 2016-17</b>	<b>Outyear 2017-18</b>	<b>Outyear 2018-19</b>	<b>Outyear 2019-20</b>	<b>Outyear 2020-21</b>
New Services	5,000	-	-	-	-	-	-	4,000
Improvements/Extensions Out of District Connections	800,000	160,757	1,725,000	-	-	-	150,000	150,000
Tertiary Treatment Rehab:	6,915,000	5,302,769	2,304,000	20,000	20,000	20,000	20,000	20,000
<b>TOTALS</b>	<b>7,720,000</b>	<b>5,463,526</b>	<b>4,029,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>170,000</b>	<b>174,000</b>
<b>Revenue Program</b>								
Connection Fees	-	-	-	-	-	-	-	4,000
Transfer from Reserves	805,000	160,757	925,000	20,000	20,000	20,000	170,000	170,000
Grant Funding-Prop 84			800,000					
SRF Loan Proceeds	6,915,000	5,302,769	2,304,000	-	-	-	-	-
	7,720,000	5,463,526	4,029,000	20,000	20,000	20,000	170,000	174,000

**RECYCLED WATER DEPARTMENT**  
**Capital Budget**  
Project Detail

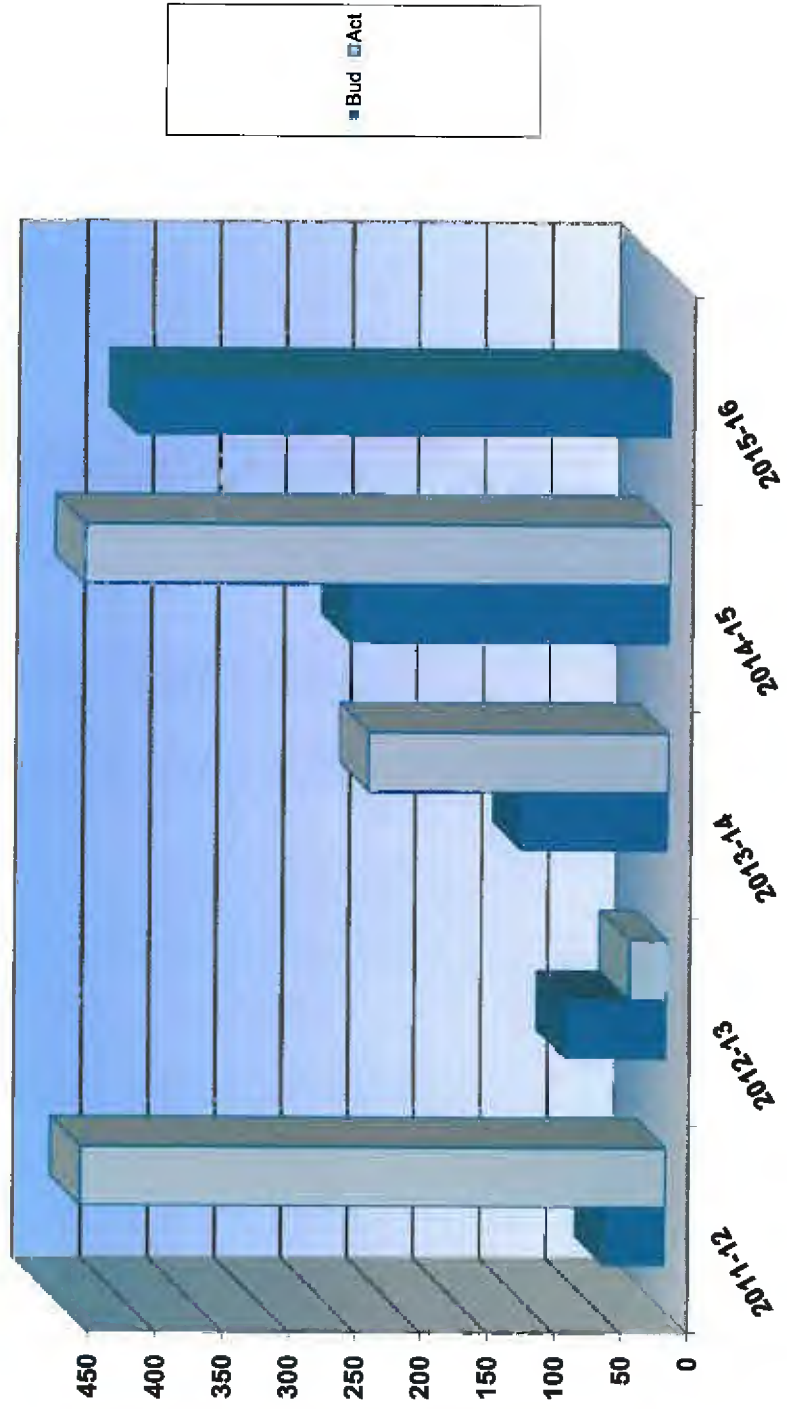
**Project Title:** System Maintenance/Expansion

**Description:** Ongoing service to local customers and new connections to the reclaimed water system and planned extensions of recycled distribution to the East and South. The tertiary treatment facilities require rehabilitation to maintain reliable operation. The portion of the design and construction of the overall wastewater treatment plant upgrade that is associated with tertiary treatment to maintain reliable recycled water supplies is included.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
New Customer Services Improvements/Extensions						4,000
East Line Extension	1,725,000					
South Line Extension					150,000	150,000
<b><u>Tertiary Treatment Rehabilitation</u></b>						
Design Rehabilitation Project						
SCADA Programming	46,000					
Construction Administration	24,000					
Construction Management	80,000					
Construction	2,000,000					
CalTrans Vaults Rehab	100,000					
Outfall On-line chlorine analyzer	46,000					
Outfall Valve Replacement	10,000	10,000	10,000	10,000	10,000	10,000
Distribution SCADA Improvements	10,000	10,000	10,000	10,000	10,000	10,000
<b>Totals</b>	<b>4,029,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>170,000</b>	<b>174,000</b>

Design & Construction of Recyc facilities will be financed along with WWTP improvements

# ADMIN CAPITAL



**ADMINISTRATION DEPARTMENT**  
Capital Budget Summary

<b>Projects</b>	<b>Budget 2014-15</b>	<b>Projected 2014-15</b>	<b>Budget 2015-16</b>	<b>Outyear 2016-17</b>	<b>Outyear 2017-18</b>	<b>Outyear 2018-19</b>	<b>Outyear 2019-20</b>	<b>Outyear 2020-21</b>
System & Server Upgrades	15,000	196,063	181,500	20,000	25,000	25,000	20,000	20,000
CADD/GIS/GPS	25,000	27,155	30,000	30,000	30,000	30,000	30,000	30,000
Fac Improve/Upgrades/Security	200,000	215,950	190,000	40,000	15,000	15,000	15,000	15,000
	-	-	-	-	-	-	-	-
<b>TOTALS</b>	<b>240,000</b>	<b>439,168</b>	<b>401,500</b>	<b>90,000</b>	<b>70,000</b>	<b>70,000</b>	<b>65,000</b>	<b>65,000</b>
<b>Revenue Program</b>								
Transfer from Operating	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
Reserves	165,000	364,168	326,500	15,000	(5,000)	(5,000)	(10,000)	(10,000)
<b>TOTALS</b>	<b>240,000</b>	<b>439,168</b>	<b>401,500</b>	<b>90,000</b>	<b>70,000</b>	<b>70,000</b>	<b>65,000</b>	<b>65,000</b>

**ADMINISTRATION DEPARTMENT**  
**Capital Budget**  
 Project Detail

**Project Title:** System Upgrades

**Description:** To maintain, upgrade, and improve as needed, the district's Network infrastructure. Including all required hardware, software, and software licensing. To ensure a reliable, and adequate Network of servers and working databases, for the day to day operations of the district. As well as the preparedness in the event of a catastrophic Server failure.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
Springbrook Software Upgrade	156,500					
Catastrophic Server Failure	15,000	15,000	15,000	15,000	15,000	15,000
Upgrade UPS backup			5,000		5,000	
Upgrade file server	10,000			5,000		5,000
Upgrade Citrix Server		5,000		5,000		
Upgrade Exchange Serv			5,000			
<b>Totals</b>	<b>181,500</b>	<b>20,000</b>	<b>25,000</b>	<b>25,000</b>	<b>20,000</b>	<b>20,000</b>



**ADMINISTRATION DEPARTMENT**  
**Capital Budget**  
 Project Detail

**Project Title:** Facility Improvements/Upgrades/Security

**Description:** Includes financing for various admin building improvements or upgrades and new office furniture. Risk Management & Security funds proposed security upgrades for the front office area including an emergency exit from the front counter as well as changes to the front entrance to restrict entry to Engineering or Finance.

<u>Title</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>
RMWD Consolidation	150,000					
Facility Imps/Upgrades/Furn	10,000	10,000	10,000	10,000	10,000	10,000
Risk Mgmt/Security	5,000	5,000	5,000	5,000	5,000	5,000
FPUD Office Improvements	25,000	25,000				
<b>Totals</b>	<b>\$190,000</b>	<b>\$40,000</b>	<b>\$15,000</b>	<b>\$15,000</b>	<b>\$15,000</b>	<b>\$15,000</b>

**Debt Service Budget Summary**  
Total annual principal and interest payment

<b>WATER DEPT</b> Year Ending <u>June 30</u>	<b>Water Dept</b> <b>Red Mtn SRF</b>	<b>Wastewater</b> <b>Dept*</b> <b>Solar QECB</b>	<b>Wastewater</b> <b>Dept</b> <b>WWTP SRF</b>		<b>District</b> <b>Totals</b>
2016	395,893	706,566	-	\$	1,102,459
2017	395,893	337,266	1,767,872	\$	2,501,032
2018	395,893	350,501	1,767,872	\$	2,514,267
2019	395,893	364,224	1,767,872	\$	2,527,990
2020	395,893	378,452	1,767,872	\$	2,542,217
<b>Totals</b>	1,979,466	2,440,353	6,187,553		10,607,372

\*Zero net debt due to CSI rebate & SDG&E offsets

Beginning FY 13-14, Federal Sequestration has caused the District to lose 7.2% of the Federal Subsidy. In FY 14-15 the amount lost was \$15,152. For FY 15-16 the amount is \$13,464.

For the fiscal years shown above, the amounts listed assume the District will continue to lose 7.2% of the subsidy



**WASTEWATER DEPARTMENT**  
**Debt Service Budget**

**Project Title:** Wastewater Treatment Works Improvements. Application to apply for SRF funds was approved by the Board in March '11 and the Finance Agreement was signed by the State Water Resources Control Board in November 2012.

**Description:** Rehabilitation Program

Due to the age of the facility a substantial amount of structural rehabilitation and equipment replacement is required. An evaluation of the existing treatment plant was performed to determine the most cost effective method to continue to provide reliable treatment. Once the modifications were determined and prioritized a single comprehensive Rehabilitation Project has been developed to provide another 20+ years of reliable operation. The District has estimated the project design and construction to be in the \$30 million range. Design was completed in FY 12-13 and construction began in July 2013 and will be completed by December 2015. Principal and Interest payments of \$1,767,875 will begin one year after construction completion. Total financing approved was \$28,357,000 at 2.2% for 20 years.

The following are key assumptions for repayment of principal and interest.

- Wastewater 1% Property Tax revenue to fund the bulk of the debt service.
- In FY 13-14 a Wastewater Capital Improvement charge in the amount of \$10.00/EDU was implemented, which generated \$1,000,000 per year, 60% or more of which will be allocated to this debt and the other 40% to wastewater collections systems improvements. For FY 15-16 the charge is proposed to increase to \$10.70 from \$10.44 per EDU, a 2.5% increase.
- Transfer a portion of the debt service from Wastewater operations and Recycled operations towards debt.
- During the approximate 30 months of construction, construction interest will accrue on the amounts drawn and be added to the principal balance upon construction's completion. Construction interest will accrue at the loan's 2.2% rate and will be approximately \$394,000.
- Terms of the indebtedness require that a reserve fund in the amount of one year's principal and interest payment, or \$1,767,875 be established. This amount must be established prior to May 2016 (FY 15-16) when principal and interest payments are scheduled to begin. Half of this required reserve was established during FY 13-14 and the other half was established in FY 14-15. Reserve will be held by a Fiscal Agent until the loan is paid in full.

**Revenue Program for establishment of Reserve:**

Revenue Program for payment of Principal and Interest beginning FY 15-16:

In order to establish the required reserve fund in the amount of \$1,774,647 by FY 15-16, an interfund transfer from Wastewater Operations in the amount of \$288,600 is budgeted. Additionally, an interfund transfer from Recycled Operations in the amount of \$94,320 is budgeted.

Transfer from Wastewater Ops	=	\$ 288,600
Transfer from Recycled Ops	=	<u>\$ 94,248</u>
Total Annual Revenue		\$ 382,848

Repayment of this borrowing comes from three sources, inter-fund transfers from Wastewater and Recycled operations, Wastewater 1% property taxes and the Wastewater Capital Improvement Charge. Principal and Interest payments will not begin until FY 16-17. The estimated revenues required are:

Revenue Program for payment of Principal and Interest beginning FY 16-17

Wastewater 1% Property Taxes	=	\$ 806,820
Wastewater Capital Improvement Chg	=	\$ 584,979
Transfer from Wastewater Ops	=	\$ 288,600
Transfer from Recycled Ops	=	<u>\$ 94,248</u>
Total Annual Revenue		\$1,774,647

**WASTEWATER DEPARTMENT  
Debt Service Budget**

**Project Title:** Qualified Energy Conservation Bond (QECCB) Solar Project Financing

**Description:** Financing was approved by the Board in FY 10-11 and construction of the project was completed July 1, 2011. Construction consists of using 9.5 acres of existing open and available land at the Wastewater Treatment Plant to install a 1 megawatt solar electric system which will offset approximately 70% of the Treatment Plant's current electrical demand with 100% clean energy.

The capacity is derived by optimizing available open land area while maximizing the CSI (California Solar Initiative) cash rebate capacity cap (1 megawatt) without exceeding the current peak electricity demand at the Wastewater Treatment Plant.

Bond financing closed in November 2010 with the following terms:

- Total Loan \$7,227,000. Balance as of 7/1/15 \$4,961,700
- Current Average Cost of SDG&E electricity: \$0.125/kWh or \$350,000 per year beginning FY 11-12 and inflated by 3% per year or actual increase. This cost savings will be transferred from the Wastewater Ops dept. to the debt service fund to pay the principal & interest payments. For FY 15-16 \$393,928 will be transferred
- CSI rebate: \$0.32/kWh for five years or approximately \$752,819 in FY 15-16. Funds will be used to pay debt service. FY 15-16 is year five of the five year rebate period.
- Loan term: 16.5 years. Principal and Interest payments are accelerated over the first five years to coincide with receipt of the CSI rebate.
- QECCB loan issued at a taxable interest rate of 5.74%. The Federal government will pay 70% of this interest rate, or 3.89%. District's applicable rate is the difference between the taxable rate less Federal Direct Pay or 1.85%
- The District was informed by the Internal Revenue Service that as the result of sequestration, payments made by the Federal government toward our QECCB bonds will be reduced by 7.2% of the amount of expected Federal Direct Pay. For FY 14-15 the lost subsidy totaled \$15,192. For FY 15-16 the amount will be \$13,464 so this amount will be added to the debt service budget.

**Current Payment Schedule:**

Payments began November 2011 paid semiannually for 16.5 years.

### Revenue Program:

Repayment of this borrowing comes primarily from three sources, the CSI rebate of \$.032/kWh for the first five years, offsets to SDG&E payments by sewer customers and the Federal subsidy for payment of interest. Each year this project has a positive cash flow and these funds are transferred back into the Wastewater Capital budget. Additionally the SDG&E offset will be transferred to cover debt service obligations. This chart includes the loss of the federal subsidy for the remaining duration of the loan.

Debt Service	Principle	Interest	Total Pymt	Fed Subsidy	Lost Subsidy	Net FPUD Pymt	CSI Rebate	SDG&E Offset	Net Debt	Unamort CDI	Restricted Cash Per FY
11/18/2011	207,681	414,830	622,511	281,275		341,236			341,236		
5/18/2012	276,378	201,454	477,832	136,596		341,236			(776,829)	10,980	(424,813)
11/18/2012	286,549	193,522	480,071	131,218		348,854	768,065	350,000	348,854		
5/18/2013	289,197	185,298	474,495	125,641		348,854			(775,871)	10,980	(416,038)
11/18/2013	295,387	176,999	472,385	120,014	(8,641)	343,730			343,730		
5/18/2014	298,118	168,521	466,637	114,265	(8,227)	344,144	760,404	371,315	(787,575)	10,980	(432,864)
11/18/2014	304,589	159,965	464,554	108,464	(7,809)	348,280			348,280		
5/18/2015	307,403	151,223	458,626	102,537	(7,383)	348,707	758,602	382,454	(790,350)	10,980	(431,089)
11/18/2015	314,169	142,401	456,569	96,555	(6,952)	353,063			353,063		
5/18/2016	317,071	133,364	450,435	90,441	(6,312)	355,503	752,819	393,926	(793,244)	-	(440,181)
11/18/2016	324,593	124,284	448,877	84,271	(5,667)	358,539			358,539		
5/18/2017	332,337	115,101	447,438	78,104	(5,022)	361,580			(237,018)	-	(68,480)
11/18/2017	340,324	105,918	446,242	71,937	(4,377)	364,621		405,746	175,150		
5/18/2018	348,449	96,735	445,184	65,770	(3,732)	367,662			(242,567)	-	(67,417)
11/18/2018	356,737	87,552	444,289	59,603	(3,087)	370,703			182,005		
5/18/2019	365,249	78,369	443,618	53,436	(2,442)	373,744		430,456	(248,237)	-	(66,232)
11/18/2019	373,945	69,186	443,131	47,269	(1,797)	376,785			189,113		
5/18/2020	382,811	59,999	442,810	41,102	(1,152)	379,826			(254,030)	-	(64,918)
11/18/2020	391,864	50,812	442,676	34,935	(500)	382,867		443,370	196,481		
5/18/2021	401,093	41,625	442,718	28,768	(1,150)	385,908		456,671	(259,949)	-	(63,467)
11/18/2021	410,497	32,438	442,935	22,601	(1,795)	388,949			204,121		
5/18/2022	420,077	23,251	443,328	16,434	(2,440)	392,000		470,371	(265,995)	-	(61,874)
11/18/2022	429,932	14,064	443,996	10,267	(3,085)	395,041			212,040		
5/18/2023	440,063	4,877	444,940	4,090	(3,730)	398,082		484,482	(272,171)	-	(60,131)
11/18/2023	450,470		450,470		(4,375)	401,123			220,251		
5/18/2024	461,253		461,253		(5,020)	404,164		499,016	(278,479)	-	(58,229)
11/18/2024	472,413		472,413		(5,665)	407,205			228,762		
5/18/2025	483,958		483,958		(6,310)	410,246		513,987	(284,922)	-	(56,160)
11/18/2025	495,889		495,889		(6,955)	413,287			237,585		
5/18/2026	508,206		508,206		(7,600)	416,328		529,406	(291,501)	-	(53,918)
11/18/2026	520,919		520,919		(8,245)	419,369			246,731		
5/18/2027	534,027		534,027		(8,890)	422,410		545,289	(298,220)	-	(51,488)
11/18/2027	547,530		547,530		(9,535)	425,451			256,212		
11/18/2027	254,219	7,296	261,515	4,947	(125,984)	256,212			(2,604,804)	43,920	(2,560,884)

**WATER DEPARTMENT**  
**Debt Service Budget**  
**Project Detail**

**Project Title:** Red Mountain State Revolving Fund (SRF)

**Description:** During FY 10-11 the District was granted a loan from the State Revolving Fund (SRF) for the Red Mountain Reservoir upgrade which was completed in Feb. '10. The upgrades, mandated by the EPA required that the Red Mountain Reservoir either be covered or additional water treatment was required. Covering the reservoir was not a feasible project so the District appealed to the EPA and was granted allowance to add ultra violet filtration. Before the upgrades began, the Rice Canyon fire swept through Fallbrook and destroyed the existing Red Mountain chlorination facility. The area was declared a disaster by both Federal and State governments allowing the District to apply for FEMA and CalEMA reimbursement for damages. The District also had the facility insured and received insurance proceeds. The cost to complete the facility totaled \$7.5M.

The Board's original intent was to pay for the facility over time in the future by using a Water Capital Improvement charge which was implemented in FY 13-14. Since the SRF funding was available at an attractive interest rate of 2.5707% for 20 years, the District opted to take the \$6,140,437 loan so that revenues from the Capital Improvement charge could be used for other water capital projects. The capital improvement charge and 1% property taxes are a major source of funding for water capital improvements. As the state is in dire need of funds to close the state wide budget gap, legislators are attempting to find a way to permanently take our 1% property tax revenues, another issue considered when the District elected to accept the SRF funds.

**Current Payment Schedule:**

The annual principal and interest payments for the SRF loan is \$395,893 per year which began in FY 11-12. As of 7/1/15 the balance of the loan is \$5,034,388.

**Revenue Program:**

Funds to pay the annual principal and interest will come from the Water Dept. 1% property tax revenue. Since the 1% taxes are greater than the annual payment the remainder of tax revenue will be allocated to Water capital improvements. The District will pledge property tax revenue towards the debt in an attempt to restrict the funds and potentially protect the funds from the state tax takeaway.