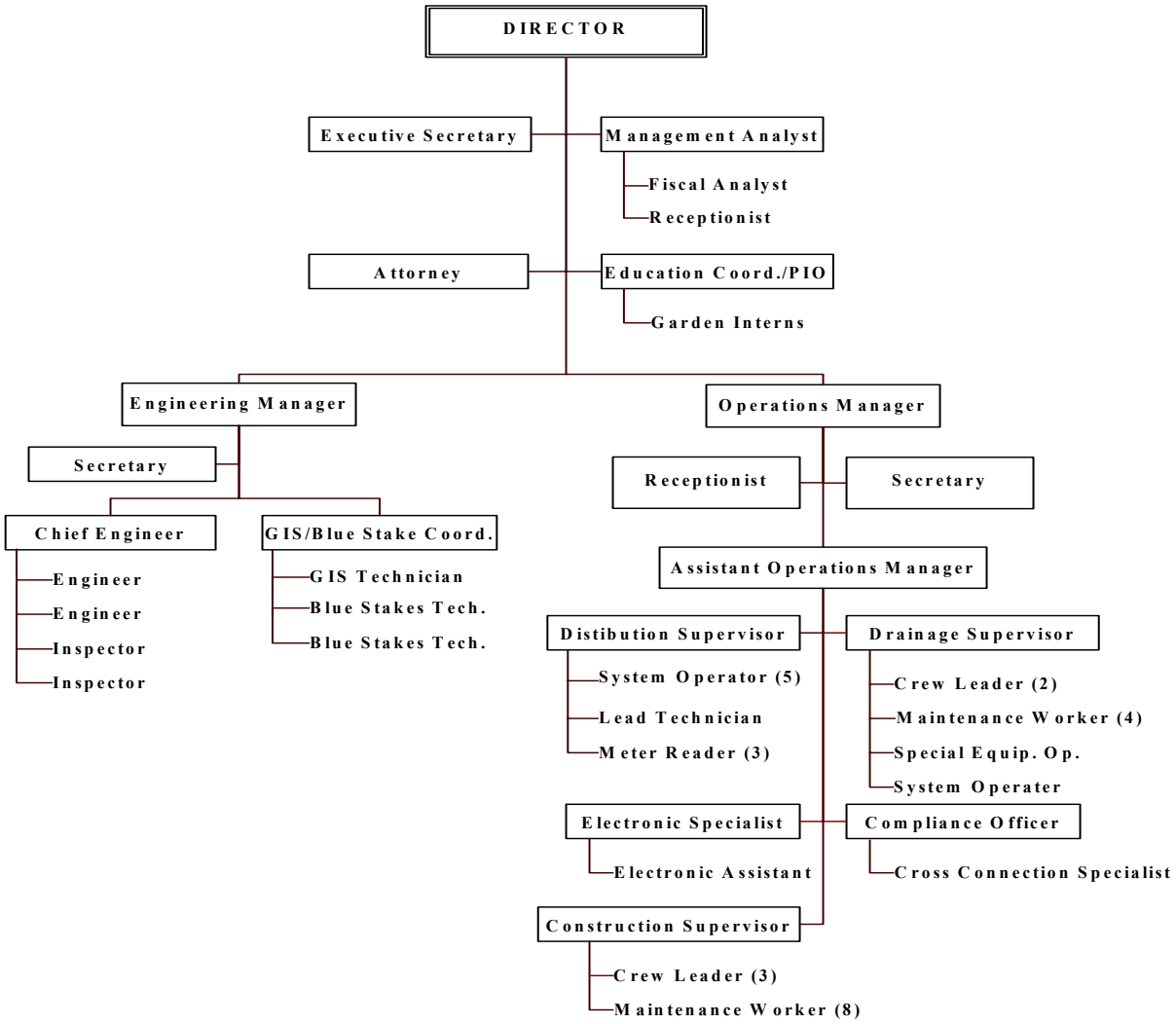
Department Organization

Public Utilities

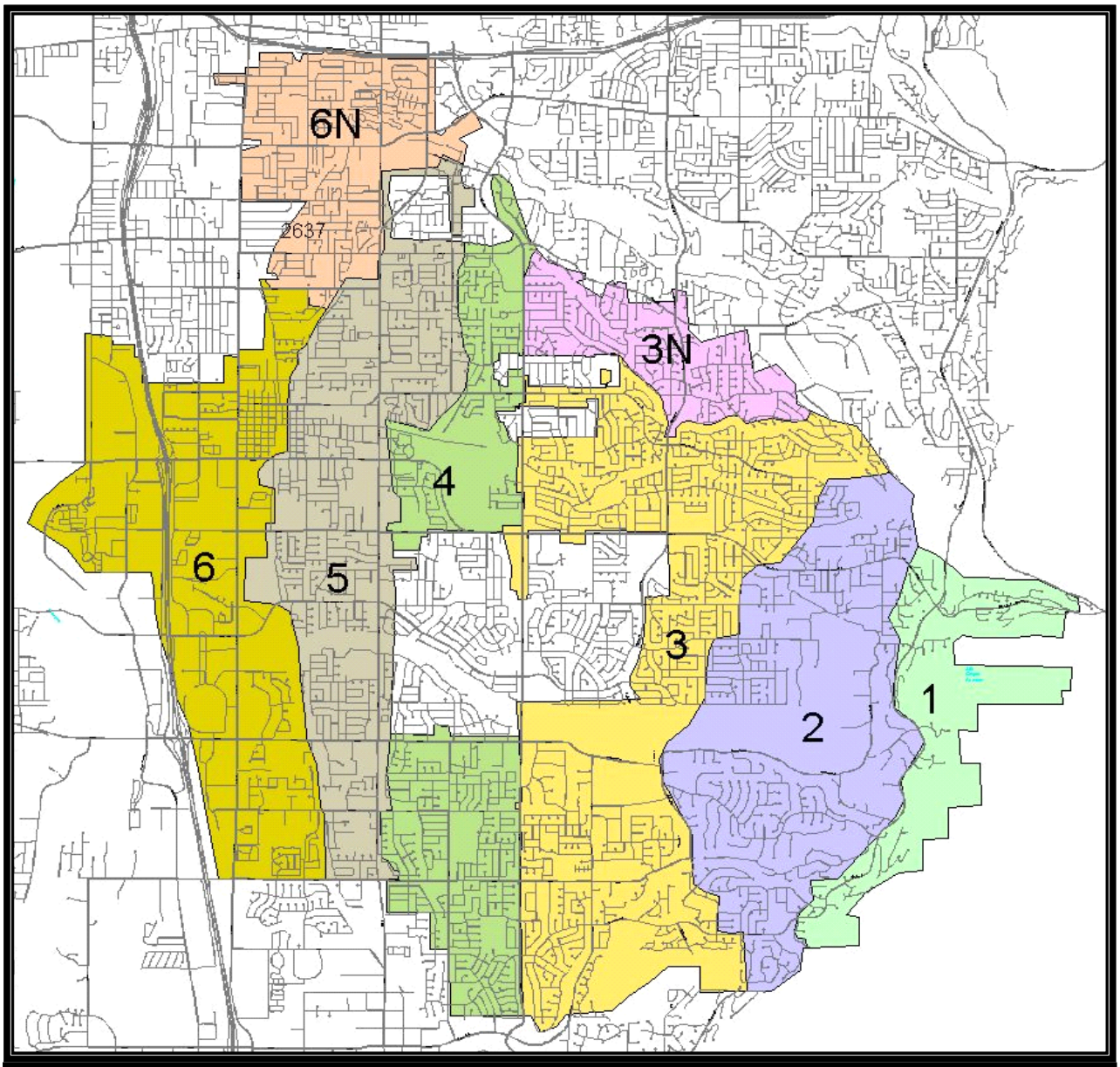


Department Description

The Public Utilities Department is responsible for providing the following services to the residents and businesses of the city: drinking water, storm water drainage, irrigation water, flood control, and street lighting.

Department Mission

"Proudly working together to provide quality utility services to our Customers".



Pressure Zones

Legend

- Zone 1
- Zone 2
- Zone 3
- Zone 3 North
- Zone 4
- Zone 5
- Zone 6
- Zone 6 North

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Produced by Sandy City GIS
Scott Ellis, Public Utilities
April 26, 2005

Secure an adequate water supply to meet the long term needs of customers.

- Increase the supply of available water by an additional 5,060 acre feet by the year 2030 as recommended in the master plan.
  - o Purchase additional water rights as they become available - 4,180 acre feet by 2030.
  - o Develop 880 acre feet of water available in Bell Canyon by 2005.
  - o Replace the Flat Iron Well with a new well.
- Increase peak day production capacity to 85.7 mgd by 2010 and 89.6 mgd by 2030.
  - o Participate in the development of the Point of the Mountain Treatment Plant and Aqueduct.
- Increase storage capacity to meet the current master plan requirement of 36.5 million gallons and a projected need of 40.9 million gallons by 2010.
  - o Replace the 1.5 million gallon Granite Tank with a new 5 million gallon tank by 2006.
  - o Expand the Hand Tank with an additional 10 million gallon tank by 2010.
- Encourage water conservation adequate to reduce needs by 12.5% equivalent to 5,000 acre feet.
  - o Enhance the educational potential of the Sego Lily Garden by implementing a phased redesign.
  - o Educate youth in the schools with our water cycle program.

Provide high quality water at the right pressure to meet the needs of customers.

- Comply with the requirements of the Safe Water Drinking Act.
- Provide adequate flow for fire suppression at levels recommended by the Fire Department
  - o Increase the flow near 6 schools currently below the recommended levels.
- Deliver water at a pressure between 45 psi and 75 psi.
- Design and implement fluoridation as decided by public referendum.

Operate the city water system in an efficient manner.

- Minimize water main breaks through system improvements.
- Prepare for emergency & provide security against outside threats.
  - o Upgrade and increase auxiliary power sources for water facilities.
  - o Implement security improvements.
- Protect the safety and well being of employees.

Revenue Policy

- Meet all current and long term costs of the water enterprise fund.
- Allocate costs equitably among customers and provide generational fairness.
- Support other water policies such as conservation.

Five-year Accomplishments

Water Supply

- Contracted the design and building of auxiliary power supply to Metro Booster and Pepperwood Well.
- Acquired an annual average of 2,700 acre feet of water from the Ontario Drain Tunnel.
- Completed the Lone Hollow, Paradise Valley, Dimple Dell, and Brandon Canyon wells.
- Completed the Granite Divide and the Bell Canyon Aqueduct.
- Completed the Pepperwood Booster Station which increased capacity by 11mgd.
- Implemented a pressurized irrigation water system at Crescent and Lone Peak Parks.

Water Conservation

- Implemented conservation rates for the summer months.
- Implemented a water conservation & water-efficient landscape ordinance. These ordinances were the first in the state and resulted in an award from the Governor.
- Developed a water conservation education packet.
- Completed the Sego Lily Gardens which is an education/demonstration water conservation project.

Water Quality

- Implemented the first phase of a watershed protection plan and ordinance.

Administrative and System Efficiencies

- Developed an emergency water contingency plan.
- Updated the master plan & rate study.
- Mapped all hydrants.
- Completed the Metro Agreement with Salt Lake City & Sandy.
- Earned several awards for sound barriers and aesthetic qualities of booster stations in residential areas.

Performance Measures & Analysis

Measure (Calendar Year)	2002	2003	2004	2005*	2006**
WATER SUPPLY INDICATORS					
Water Source Availability (in acre ft)	**34,135**	**34,135**	**34,135**	**37,135**	**38,015**
Metropolitan Water (Deer Creek)	7,940	7,940	7,940	7,940	7,940
Metro Water (Little Cottonwood)	7,880	7,880	7,880	7,880	7,880
Metro Water (Ontario Drain Tunnel)	0	0	0	3,000	3,000
Jordan Valley Water	315	315	315	315	315
Bell Canyon	0	0	0	0	880
Municipal Wells***	18,000	18,000	18,000	18,000	18,000
Water Source Supply (in acre feet)	**28,088**	**27,087**	**27,110**	**29,000**	**30,000**
Metropolitan Water (Deer Creek)	6,797	8,302	7,666	7940	7940
Metro Water (Little Cottonwood)	7,336	6,651	8,270	7880	7880
Metro Water (Ontario Drain Tunnel)	0	0	0	3000	3000
Jordan Valley Water	1,465	2,348	579	315	315
Bell Canyon	0	0	0	0	880
Municipal Wells***	12,490	9,786	10,596	9,865	9,985
Peak Production					
Amount (million gallons)	66	64	58	60	62
Date	7/15/2002	7/24/2003	5/9/2004	N/A	N/A
Capacity	76	84	84	84	84
Water Storage Capacity (million gals.)	32.4	32.4	32.4	32.4	32.4
Water Conservation					
Annual Consumption (in acre feet)	24,761	24,904	24,550	26,000	27,000
Percent of Supply that is Consumed	88%	92%	91%	90%	90%
Population Served	116,960	119,140	121,320	121,320	121,320
Per Capita Consumption (in gallons)	68,988	68,116	65,942	69,836	72,522
WATER QUALITY INDICATORS					
Customers reporting drinking water appearance, taste or odor problems (complaints per thousand)	0.92	0.35	0.25	N/A	N/A
Customers reporting pressure problems (complaints per thousand)	5.51	1.64	0.17	N/A	N/A
Customers reporting turbidity problems (complaints per thousand)	0.43	0.25	0.24	N/A	N/A
Waterborne disease outbreaks or sicknesses where the water system was suspected	0	0	0	N/A	N/A
OPERATING EFFICIENCY INDICATORS					
Water Main Breaks	63	68	63	N/A	N/A
Employee Safety				N/A	N/A
Lost Time Injuries	1	0	1	N/A	N/A
Recordable Injuries	5	2	3	N/A	N/A
Employee Caused Traffic Incidents	1	4	7	N/A	N/A
Services satisfaction (from the 12/2004 citizen's survey) (1-5 scale, 5=very satisfied)					
Utility billing system	3.61	3.77	3.77	3.76	N/A
Culinary (drinking) water services	3.86	3.84	3.98	3.94	N/A

* Estimated based on actual data through February 28.

** Targets for performance indicators and projections for workload indicators.

*** This amount may be reduced by the State Engineer during a dry year by up to 5,600 acre feet.

1 **Water Supply -** This budget commits significant funding towards the objective of improving the city's water supply. Included is funding for the purchase of Ontario Drain Tunnel water, $200,000 for purchase of water stock, and $4.2 million for a new treatment plant at the Point of the Mountain. These projects will increase our supply as well as our ability to treat and transport water to our system.

2 **Staffing Changes -** $5,000 was transferred from Sego Lily Garden Maintenance to Temporary/Seasonal Pay to cover the cost of two interns. Also, the Distribution Technician's title was changed to Water Construction Maintenance Worker and one of them was converted to a Meter Reader.

3 **City Water Use & Administrative Charges -**The general fund has not paid the full cost of water. The Public Utilities Department also has not paid the full cost of administrative services provided by the general fund. To reduce this cross subsidization, the general fund will pay an additional $80,000 for water and the water fund will pay an additional $80,000 in administrative charges.

4 **Fee Increases -** The master plan recommends an annual fee increase of 6.5% for ten years in order to meet expected growth and the policy objectives outlined above. Consistent with this recommendation, the base fees and overage charges for all customers increase accordingly. These increases will generate about $1.05 million in additional funding for capital outlays.

5 **Telephone -**The new SCADA System operates on radio frequencies instead of telephone lines.

6 **Connections Fees -** We anticipate 400 new connections this year compared to 205 last year.

7 **Equipment Replacement -** Includes two GIS computers and purchasing a plasma-type pipe cutter.

8 **Fleet Purchases -** Two vehicles will be replaced and there will be no contribution to fleet contingency.

9 **Interest Income -** Interest rates have increased from 1.52% to 2.41% and continue to increase.

10 **Cell Tower Leases -** An annual increase is built into the contracts.

11 **Funding for Capital Projects -** The excess funding in the Water Operations budget becomes the funding source that covers the deficit in the Water Expansion & Replacement budget. The $7,615,855 of excess revenue in FY 2006 is available for the capital budget of which $6,549,123 will be used for projects. If current trends for increases in fees and costs continue, the money generated for capital outlays will be about $7.3 million in FY 2007, $8.0 million in FY 2008 and $8.9 million in FY 2009. These amounts are slightly less than the amounts needed in the three year capital plan. The difference will be made up by cost savings, grant funding, or delaying some projects.

12 **Debt -** The Water Fund refinanced its debt in 2004 which resulted in savings from a lower interest rate and provided additional money for the capital projects identified in the master plan such as the Granite tank and the zone 5 pipeline from the Point of the Mountain Aqueduct. The total issue was for $9,965,000 with annual payments of approximately $1.1 million through FY 2010 reducing to $560,000 and continuing through FY 2025. The FY 2006 budget includes a principal payment of $735,000 and interest and agent fee payments of $379,838.

13 **Connection Fees -** These are impact fees which are charged to new development and are regulated by state law which specifies that the proceeds be used for capital facilities made necessary by the new development. As required by law, a study was completed in May 2005 which recommended the changes included herein.

Department 65	2002 Actual	2003 Actual	2004 Actual	2005 Estimated	2006 Approved	
Financing Sources:						
3181 Billed Sales	$ 12,850,841	$ 13,118,786	$ 14,306,571	$ 15,079,132	$ 16,220,407	4
3182 Charges for Services	201,505	342,843	365,588	135,000	135,000	
3361 Interest Income	223,434	197,234	146,843	170,000	271,361	9
3362 Lease Revenue	226,473	173,089	188,994	138,720	193,749	10
3392 Sale of Fixed Assets	-	78,631	114,350	-	-	
3399 Other Income	25,459	46,121	61,455	-	-	
Total Financing Sources	**$ 13,527,712**	**$ 13,956,704**	**$ 15,183,801**	**$ 15,522,852**	**$ 16,820,516**	
Financing Uses:						
4111 Pay	$ 1,113,174	$ 1,165,078	$ 1,209,168	$ 1,034,168	$ 1,126,883	
4112 Benefits	416,615	445,690	455,082	399,665	420,108	
4113 Allowances	9,336	8,994	13,938	14,728	15,712	
4121 Books, Sub., & Memberships	8,695	13,334	11,426	15,700	15,700	
4123 Travel, Training & Meetings	30,395	30,195	28,932	45,989	45,989	
4124 Departmental Supplies	87,925	77,785	83,521	117,463	117,463	
4125 Overhead & Maintenance	24,369	23,151	25,685	73,500	72,250	
4126 Telephone	56,603	56,593	57,121	68,098	52,251	5
4128 Infrastructure Supplies	195,933	264,266	236,024	406,905	359,605	
4130 External Services	400,366	788,520	440,650	553,711	555,011	
4140 Internal Charges	914,634	1,131,613	1,034,529	1,141,162	1,250,327	
4151 Cost of Water Sales	3,595,051	3,699,073	3,840,606	4,390,966	4,785,346	
4159 Bad Debt Expense	6,025	6,790	247,651	8,034	8,178	
4382 Interest & Agent Fees	488,282	440,251	381,140	413,400	379,838	12
Total Financing Uses	**$ 7,347,403**	**$ 8,151,333**	**$ 8,065,473**	**$ 8,683,489**	**$ 9,204,661**	
Excess (Deficiency) of Financing Sources over Financing Uses	**$ 6,180,309**	**$ 5,805,371**	**$ 7,118,328**	**$ 6,839,363**	**$ 7,615,855**	11

Staffing Information	Bi-weekly Salary		Full-time Equivalent			
	Minimum	Maximum	FY 2004	FY 2005	FY 2006	
Appointed:						
Director	$ 2,996.00	$ 4,494.00	1.00	1.00	1.00	
Deputy Director	$ 2,788.80	$ 4,183.20	0.75	0.00	0.00	
Operations Manager	$ 2,191.20	$ 3,286.80	1.00	1.00	1.00	
Contract:						
Meter Reader	$ 880.80	$ 1,321.20	0.50	0.00	0.00	
Full-time:						
GIS/Blue Stakes Coordinator	$ 1,467.20	$ 2,200.80	1.00	1.00	1.00	
Fiscal Analyst	$ 1,366.40	$ 2,049.60	0.40	0.40	0.40	
Management Analyst	$ 1,366.40	$ 2,049.60	1.00	0.00	0.00	
Management Analyst II	$ 1,574.40	$ 2,361.60	0.00	1.00	1.00	
Assistant Operations Manager	$ 1,574.40	$ 2,361.60	1.00	1.00	1.00	
Water Distribution Supervisor	$ 1,366.40	$ 2,049.60	1.00	1.00	1.00	
Conservation Coordinator	$ 1,200.00	$ 1,800.00	1.00	0.00	0.00	
Education Specialist - PIO	$ 1,310.40	$ 1,965.60	0.00	0.75	0.75	
Executive Secretary	$ 1,090.40	$ 1,635.60	1.00	1.00	1.00	
Cross Connection Specialist	$ 1,090.40	$ 1,635.60	1.00	1.00	1.00	
Compliance Officer	$ 1,090.40	$ 1,635.60	1.00	1.00	1.00	
Water Operator	$ 1,090.40	$ 1,635.60	5.00	5.00	5.00	
Public Utilities Crew Leader	$ 1,016.80	$ 1,525.20	1.00	1.00	0.00	
Meter Reader Crew Leader	$ 1,016.80	$ 1,525.20	0.00	0.00	1.00	
Blue Stakes Technician	$ 944.80	$ 1,417.20	1.00	1.00	1.00	
Water Distribution Technician	$ 944.80	$ 1,417.20	6.00	4.00	0.00	2
Water Construction Maint. Worker	$ 944.80	$ 1,417.20	0.00	0.00	3.00	2
Meter Reader	$ 880.80	$ 1,321.20	2.00	2.00	3.00	2
Secretary	$ 880.80	$ 1,321.20	2.00	1.00	1.00	
Receptionist	$ 767.20	$ 1,150.80	1.00	1.00	1.00	
Part-time:						
Receptionist	$ 9.59	$ 14.39	0.50	0.50	0.50	
Temporary/Seasonal:			1.00	1.00	1.22	2
Graduate Intern	$ 9.76	$ 13.32				
Undergraduate Intern	$ 9.09	$ 12.39				
		Total FTEs	31.15	26.65	26.87	

Fee Information	2002 Approved	2003 Approved	2004 Approved	2005 Approved	2006 Approved	
Water Rates						
Sandy City/Granite or Bell Canyon Water Stock						
Base Rate (monthly charge)						
3/4" meter	$13.51	$14.39	$15.33	$16.33	$17.39	4
1" meter	$18.91	$20.14	$21.46	$22.85	$24.34	4
1 1/2" meter	$24.31	$25.89	$27.59	$29.38	$31.29	4
2" meter	$39.17	$41.72	$44.46	$47.35	$50.43	4
3" meter	$148.58	$158.24	$168.63	$179.59	$191.26	4
4" meter	$189.10	$201.39	$214.62	$228.57	$243.43	4
6" meter	$283.65	$302.09	$321.93	$342.86	$365.14	4
8" meter	$391.70	$417.16	$444.57	$473.47	$504.24	4
Overage (above 8,000 gal.)						
Off Season (Oct - April) / 1,000 gal.	$0.82	$0.87	$0.93	$0.99	$1.05	4
Peak Season (May - Sept) / 1,000 gal.	$1.48	$1.58	$1.68	$1.79	$1.91	4

Fee Information	2002 Approved	2003 Approved	2004 Approved	2005 Approved	2006 Approved	
Sandy Residents Assistance Program and Military Leave Rate						
Base Rate - For those meeting eligibility requirements, base rates are 50% per geographic location						
Overage (usage above 8,000 gallons) - Overage rates are 100% per geographic location						
Union Jordan - Residential/Commercial						
Base Rate (monthly charge)						
3/4" meter	$18.22	$19.40	$20.66	$22.00	$23.43	4
1" meter	$25.51	$27.17	$28.92	$30.80	$32.80	4
1 1/2" meter	$32.80	$34.93	$37.19	$39.61	$42.18	4
2" meter	$52.84	$56.27	$59.91	$63.80	$67.95	4
3" meter	$200.42	$231.44	$227.26	$242.03	$257.76	4
4" meter	$255.08	$271.66	$289.24	$308.04	$328.06	4
6" meter	$382.62	$407.49	$433.86	$462.06	$492.09	4
8" meter	$528.38	$562.72	$599.14	$638.08	$679.56	4
Overage (above 8,000 gal.)						
Off Season (Oct - April) / 1,000 gal.	$0.82	$0.87	$0.93	$0.99	$1.05	4
Peak Season (May - Sept) / 1,000 gal.	$1.48	$1.58	$1.68	$1.79	$1.91	4
Salt Lake County - Residential/Commercial						
Base Rate (monthly charge)						
3/4" meter	$18.75	$19.97	$21.27	$22.65	$24.12	4
1" meter	$26.25	$27.96	$29.78	$31.72	$33.78	4
1 1/2" meter	$33.76	$35.95	$38.29	$40.78	$43.43	4
2" meter	$54.38	$57.91	$61.68	$65.69	$69.96	4
3" meter	$206.29	$219.66	$233.97	$249.18	$265.37	4
4" meter	$262.55	$279.56	$297.78	$317.14	$337.75	4
6" meter	$393.82	$419.34	$446.67	$475.70	$506.62	4
8" meter	$543.85	$579.09	$616.83	$656.92	$699.62	4
Overage (above 8,000 gal.)						
Off Season (Oct - April) / 1,000 gal.	$0.89	$0.95	$1.01	$1.08	$1.15	4
Peak Season (May - Sept) / 1,000 gal.	$1.63	$1.74	$1.85	$1.97	$2.10	4
Schools/Parks						
Base Rate - per geographic location (above)						
Overage (usage above 8,000 gallons)						
Off Season (Oct - April) / 1,000 gal.	$0.82	$0.87	$0.93	$0.99	$1.05	4
Peak Season (May - Sept) / 1,000 gal.	$1.65	$1.76	$1.87	$1.99	$2.12	4
Other Water Charges						
Fluoride Fee (per month)	N/A	N/A	N/A	$1.35	$1.35	
Hydrant Use Fees / request						
Admin Charges / month or partial	$50	$50	$50	$50	$50	
Equipment Fee / month or partial	$30	$30	$30	$30	$30	
Refundable Equipment Deposit	700	$700	$700	$750	$750	
Hydrant Meter Repair Fees						
Hour minimum	$30	$30	$30	$30	$30	
Each Additional hour	$30	$30	$30	$30	$30	
Parts	Cost + 10%	Cost + 10%	Cost + 10%	Cost + 10%	Cost + 10%	
Water Use / 1000 gallons	$1.48	$1.76	$1.87	$1.99	$2.12	4

Fee Information	2002 Approved	2003 Approved	2004 Approved	2005 Approved	2006 Approved
Fees on Delinquent Accounts					
Annual Interest on Outstanding Balance	N/A	N/A	18%	18%	18%
Late Fee	$10	$10	$10	$10	$10
Collection Fee	$25	$25	$25	$25	$25
After Hours Service Restoration Fee -- (after 4:30 P.M.)	$10	$10	$10	$10	$10
Construction Water	$25	$25	$25	$25	$25
Blue Stake Call Back	N/A	N/A	N/A	$50	$50
Meter Rereads	$20	$20	$20	$20	$20
Meter Shut Off - Customer Request	$45	$45	$45	$45	$45
Meter Turn-on/off for Inspection	N/A	N/A	N/A	$45	$45
Meter Test	$60	$60	$60	$60	$60
Water Irrigation Fees					
Irrigation Fees - Union Jordan / share	$281	$194	$351	$391	$391
Irrigation Fees - All Other Systems	Actual assessments + 10%	Actual assessments + 10%	Actual assessments + 10%	Actual assessments + 10%	Actual assessments + 10%

Department 65	2002 Actual	2003 Actual	2004 Actual	2005 Estimated	2006 Approved	
Financing Sources:						
313106 Federal Grant	$ -	$ 2,813,543	$ 1,172,856	$ -	$ -	
313118 Homeland Security Grant	-	-	-	79,862	51,208	
3351 Bond Proceeds	-	-	9,965,000	-	-	
33711 Connection Charges	446,983	392,341	354,529	250,000	474,000	6
33712 Meter Sets	22,769	30,002	36,636	15,000	76,400	6
3393 Gain on Sale of Assets	-	-	-	2,500	2,500	
3399 Other Income	-	-	90,101	-	-	
3424 Transfer from Reserves	-	-	1,196,290	-	-	
Total Financing Sources	**$ 469,752**	**$ 3,235,886**	**$ 12,815,412**	**$ 347,362**	**$ 604,108**	
Financing Uses:						
4311 Pay	422,544	434,554	449,688	574,906	623,380	
4312 Benefits	145,213	153,965	157,909	219,764	237,308	
4313 Allowances	4,308	5,184	4,607	4,572	5,052	
4324 Departmental Supplies	1,794	2,280	6,519	4,100	4,100	
4347 Fleet Purchases	106,919	164,073	90,425	1,068,797	58,500	8
4370 Capital Outlays	3,488,914	7,231,885	8,232,322	14,490,671	6,549,123	11
4374 Equipment Purchases	70,511	61,418	40,379	48,013	7,500	7
4381 Principal	750,000	785,000	6,800,000	-	735,000	12
43850 Bond Issuance Costs	-	-	173,343	-	-	
Total Financing Uses	**$ 4,990,203**	**$ 8,838,359**	**$ 15,955,192**	**$ 16,410,823**	**$ 8,219,963**	
Excess (Deficiency) of Financing	**$ (4,520,451)**	**$ (5,602,473)**	**$ (3,139,780)**	**(16,063,461)**	**$ (7,615,855)**	11

Staffing Information	Bi-weekly Salary		Full-time Equivalent		
	Minimum	Maximum	FY 2004	FY 2005	FY 2006
Full-time:					
Engineering Manager	$ 2,191.20	$ 3,286.80	1.00	1.00	1.00
Staff Engineer	$ 1,574.40	$ 2,361.60	1.50	1.50	1.50
GIS Technician	$ 1,090.40	$ 1,635.60	1.00	1.00	1.00
Water Construction Supervisor	$ 1,366.40	$ 2,049.60	1.00	1.00	1.00
Secretary Public Utilities	$ 880.80	$ 1,321.20	0.00	1.00	1.00
Public Utilities Inspector	$ 1,200.00	$ 1,800.00	1.00	1.00	1.00
Public Utilities Crew Leader	$ 1,016.80	$ 1,525.20	3.00	3.00	0.00
Water Construction Crew Leader	$ 1,016.80	$ 1,525.20	0.00	0.00	3.00
Water Construction Maint. Worker	$ 944.80	$ 1,417.20	3.00	5.00	5.00
		Total FTEs	11.50	14.50	14.50

Fee Information	2002 Approved	2003 Approved	2004 Approved	2005 Approved	2006 Approved	
Water Connection Fees						
3/4" meter	$1,186	$1,186	$1,186	$1,186	$1,529	13
1" meter	$1,660	$1,660	$1,660	$1,660	$2,141	13
1 1/2" meter	$2,135	$2,135	$2,135	$2,135	$2,752	13
2" meter	$3,439	$3,439	$3,439	$3,439	$4,434	13
3" meter	$13,046	$13,046	$13,046	$13,046	$16,819	13
4" meter	$16,604	$16,604	$16,604	$16,604	$21,406	13
6" meter	$24,906	$24,906	$24,906	$24,906	$32,109	13
8" meter	$34,394	$34,394	$34,394	$34,394	$44,341	13
High Bench Pressure Zone - Eagle Ridge Subdivision						
1" meter (Only)		Per Water Letter agreement				
Waterline Reimbursement		Per Water Dept.				
City Projects		40% of regular connection fee				
Glacio Park		Per agreement				

Fee Information	2002 Approved	2003 Approved	2004 Approved	2005 Approved	2006 Approved
Water Review Fees					
Subdivision	$155	$155	$160	$160	$160
Single Lot	$35	$35	$38	$38	$38
Commercial/Industrial	$80	$80	$85	$85	$85
Meter Set Fees					
3/4"	$75	$125	$160	$191	$191
1"	$105	$155	$190	$221	$221

Capital Budget	2005 Budgeted	2006 Approved	2007 Planned	2008 Planned	2009 Planned	
EXPANSION PROJECTS						
19035 - Impact Fee Study - State law requires cities that levy impact fees to periodically document that the fees are justified. Water connection charges are one of the impact fees currently levied by the city. The amount budgeted is the water fund's portion of the total $50,000 budgeted for the study.	$ 15,317	$ -	$ -	$ -	$ -	
51001 - Water Meters (New Constructions) - This is for the installation of new meters in new developments.	$ 5,000	$ 60,400	$ -	$ -	$ -	6
51003 - Pipe Overage - This funding is for reimbursement to developers for facilities installed as required by the master plan.	$ 45,808	$ -	$ -	$ -	$ -	
51008 Glacial Park Agreement - This is to reimburse the developers for the A-1 water system as required by an agreement between the City and the developers.	$ 36,000	$ -	$ -	$ -	$ -	
51022 Xeriscape Project - Zone 5 Tank - This is for the Sego Lilly Gardens xeriscape demonstration project.	$ 86,211	$ -	$ -	$ -	$ -	
51042 Purchase of Water Stock - This provides for the purchase of water shares that become available in order to expand the city's water rights to meet future demand.	$ 430,277	$ 200,000	$ 164,000	$ 168,000	$ 172,000	1
51044 - Southeast Quadrant Wells - This is to drill and equip three wells in the southeast quadrant of the City.	$ 175,440	$ -	$ -	$ -	$ -	
51049 Fluoride Capital Improvements - This project funds the equipment needed to fluoridate the water supply. The decision to fluoridate was made by the public in the 2001 general election. Equipment will be needed at treatment facilities as well as each well site.	$ 990,271	$ -	$ -	$ -	$ -	
51050 SCADA - This provides for the purchase and installation of a new Supervisory Control and Data Acquisition System.	$ 41,478	$ -	$ -	$ -	$ -	
51054 - Bell Canyon Raw Water Aqueduct - This project is to install a new diversion structure and pipe line to convey Sandy's Bell Canyon water to Little Cottonwood Creek.	$ 10,010	$ -	$ -	$ -	$ -	

Capital Budget	2005 Budgeted	2006 Approved	2007 Planned	2008 Planned	2009 Planned
51055 Granite Tank Replacement - This provides funding to replace the existing 1.5 million gallon Granite tank with a 10.0 million gallon tank.	$ 2,464,248	$ -	$ -	$ -	$ -
51056 Grayson Court Improvements - This project is to install 8" lines in 11400 South and 11600 South to improve pressure problems below 1300 East.	$ 115,000	$ -	$ -	$ -	$ -
51057 - Operations Building - This project would consolidate all facilities into a new building. The current funding would pay for some master planning of the project. The total cost of this project would be about $3 million which is not currently programmed into the plan.	$ 221,252	$ -	$ -	$ -	$ -
51059 Water Rights Evaluation - This will provide funding to study Sandy City water rights.	$ 16,436	$ -	$ -	$ -	$ -
51063 Metro Capital Assessment - Sandy City's portion of the cost of a new water treatment plant at the Point of the Mountain being built by the Metropolitan Water District of Salt Lake and Sandy.	$ 2,806,811	$ 4,210,322	$ 4,210,322	$ 4,210,322	$ 4,210,322
51064 Drill Flat Iron Well - This project will replace the existing Flat Iron Well.	$ -	$ -	$ 685,000	$ 703,000	$ -
51066 Abandon 8" Steel Line in Dimple Dell - This project involves abandoning the existing 8" line behind the properties and connecting services to a line in Dimple Dell Road.	$ 87,000	$ -	$ -	$ -	$ -
51067 Auxiliary Power - Phases 1 & 2 - The city's "Emergency Water Supply Contingency Plan" concludes that water could not be supplied from storage during an extended power outage for more than 48 to 72 hours. This project supplies auxiliary power to run wells and booster stations beyond this time frame. The full cost of the project would be about $1.1 million. The FY 2005 funding supplies generators for the Pepperwood Well, the Metro Booster Station, and two 600 Kw portable generators.	$ 645,124	$ -	$ 600,000	$ -	$ -
51068 Security Improvements - This project pays for fencing, lighting, and alarm systems at wells and tanks.	$ 200,600	$ -	$ -	$ -	$ -
51069 State Street 94th to 106th South - This project replaces an existing water line in State Street with a new and larger line.	$ 1,500,000	$ -	$ -	$ -	$ -
51070 Zone 5 Pipeline from POMA - This project adds a line to bring water from the Point of the Mountain Aqueduct (POMA) to Zone 5 Tank.	$ 843,000	$ -	$ -	$ -	$ -
51071 Brookwood Elementary Line Size Upgrade - This project involves installation of a new 10-inch line along Snow Mountain Drive and a new 8-inch line along Snowbird Drive both of which replace existing 6-inch lines that have a history of frequent breaks. The added size will provide required flows for fire suppression.	$ 320,000	$ -	$ -	$ -	$ -
51072 Bell Canyon System Improvements This project involves enclosing the main irrigation ditch of the Bell Canyon System.	$ 26,000	$ 300,000	$ -	$ -	$ -

511Water

Capital Budget	2005 Budgeted	2006 Approved	2007 Planned	2008 Planned	2009 Planned
51073 Abandon Hillshire Well - This funding is for the filling and capping of a well that was never equipped after it was tested.	$ 13,500	$ -	$ -	$ -	$ -
51074 Purchase Hemingway Property - This money funded the purchase of 16.1 acres of watershed property between the Bell Canyon Reservoir and the development to the west.	$ 235,000	$ -	$ -	$ -	$ -
51075 Purchase White City Water Rights - This funding is for the purchase of part of the water right associated with Wild Flower Well from White City as part of an exchange agreement, giving the city full ownership of the well.	$ 1,136,200	$ -	$ -	$ -	$ -
51076 Well & Booster Security - This is money granted to the City through a Federal Homeland Security Program to be spent on perimeter fencing and security lighting at tanks and wells.	$ 22,112	$ -	$ -	$ -	$ -
51077 In-line Water Contaminate Monitoring - This is money granted to the City from a State Homeland Security Grant, earmarked specifically for electronic monitoring of water quality.	$ 57,750	$ 51,208	$ -	$ -	$ -
51078 Metro Water Rights Purchase - Purchase of preferential right to the Ontario Drain Tunnel water.	$ 245,000	$ 863,193	$ 900,000	$ 900,000	$ 900,000
51079 Hillcrest High Line Size Upgrade - This project involves the installation of 10 inch pipe near Fort Union Boulevard to replace a 4-inch line, and a 10-inch line in 900 East to replace a short section of 6-inch line. The added size will provide for better water flow for fire suppression.	$ -	$ -	$ 275,000	$ -	$ -
51080 11400 South Improvements - This project is necessary to solve low pressure problems on 11400 South.	$ -	$ -	$ 288,000	$ -	$ -
51081 Hand Tank Addition - This project expands the Hand Tank by constructing an additional 10 million gallon tank. The total cost of this project is $4.7 million and is projected to be completed in FY 2009.	$ -	$ -	$ -	$ 2,321,000	$ -
51082 Replacement of PRV station at 11000 South 350 East - This is a master plan project that will provide better regulation of zonal water pressure.	$ -	$ -	$ -	$ 32,000	$ -
51083 Raw Water Pipeline from Deer Hollow Well - This project will carry raw water from the Deer Hollow Well to Crowton Spring. The line will discharge into the canal that currently carries water from Crowton Spring to the Southeast Regional Treatment Plant.	$ -	$ -	$ -	$ 250,000	$ -
REPLACEMENT PROJECTS					
51801 Hydrant Replacement - This provides for the regular replacement of hydrants.	$ 43,653	$ 12,000	$ -	$ -	$ -
51802 Replace/Lower Service Line - This provides for the regular replacement or for the lowering of existing water lines.	$ 48,459	$ -	$ -	$ -	$ -

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Capital Budget	2005 Budgeted	2006 Approved	2007 Planned	2008 Planned	2009 Planned
51810 Replace Meters - This provides for the regular replacement of water meters.	$ 60,551	$ 20,000	$ -	$ -	$ -
51811 Replace Mainlines - This is for the replacement of mainlines identified by our master plan that have become old and susceptible to breakage.	$ 145,090	$ 400,000	$ 1,363,000	$ 1,397,000	$ 1,397,000
5181101 2004/2005 Waterline Project - This project includes replacing a 6" line in 9400 South from 150 East to 700 East, replacing a 6" line in 300 East from 9400 South to 9300 South and replacing the existing 10" line in Handcart Way from 150 East to 300 East.	$ 868,000	$ -	$ -	$ -	$ -
51813 Replace/Raise Valves - This funds a program to regularly replace valves.	$ 98,727	$ 32,000	$ -	$ -	$ -
51821 Replace Well Equipment - This funding provides for the replacement of well equipment.	$ 359,281	$ 400,000	$ -	$ -	$ -
51822 Replace/Repair Water Tanks - This provides for a fund to be used to replace or repair the City's storage tanks.	$ 76,065	$ -	$ -	$ -	$ -
Total Capital Projects	**$ 14,490,671**	**$ 6,549,123**	**$ 8,485,322**	**$ 9,981,322**	**$ 6,679,322**

Ensure adequate & safe drainage of storm water.
- Improve trunk lines and outfalls along major corridors.
  - o Finish engineering and begin installation of 8000 South storm drain outfall.
  - o Design and install Gravel Pit Detention Basin.
  - o Design and begin installation of the 10600 South storm drain outfall.
  - o Install new storm drain line at 11400 South and State St.

Promote environmentally friendly storm drain habits and practices.
- Comply with the requirements of National Pollutant Discharge Elimination System (NPDES).
  - o Require and install "snout" type pollutant catch basins where necessary.
  - o Provide education and awareness campaigns in schools and in the community.

Operate the City Storm Drain System in an efficient manner.
- Minimize instances of flooding through system improvements and preventative maintenance.
  - o Maintain irrigation ditches clean and operational.
- Protect the safety and well being of employees.

Revenue Policy
- Meet all current and long term costs of the storm water enterprise fund.
- Allocate costs equitably among customers.

Five-year Accomplishments

- Established the storm water ordinance and fees.
- Completed various neighborhood storm drain projects.
- Completed the 8600 South storm drain project.
- Completed the 1300 East storm drain project.
- Completed the Cedar Terrace storm drain line.
- Modified the East Sandy Elementary detention pond.
- Modified the Mount Jordan Road detention basin.
- Modified the East Dell detention basin.
- Modified the Aspen detention basin.

Performance Measures & Analysis

Measure (Calendar Year)	2002	2003	2004
Pipe Maintained (linear feet)	389,601	415,476	417,436
Reinforced Concrete Pipe Installed 8600 South Outfall (linear feet)	25,875	1,960	1,209
Irrigation Ditches and Canals Maintained (miles)	77	77	77

Significant Budget Issues

1. **Risk Management Decrease -** Due to safe and proactive operations, we have seen fewer and less costly incidents of flood damage, as a result our risk management premiums have dropped by more than $20,000.
2. **Fleet Maintenance -** Increased more than $12,000 largely due to higher fuel costs
3. **IS Charges -** IS charges increased due to three new network connection and three new GIS connections.
4. **Ditch Maintenance -** This line item increased due to the higher costs of maintaining Bell Canyon, Sandy Irrigation, and Sandy Canal ditches.
5. **Fleet Contingency -** There is no contribution this year because the current balance is sufficient.
6. **Bicycle Safe Grates -** An increased effort is being made this year to convert inlet grates.
7. **Gravel Pit Detention Basin -** In order to accommodate new development a drainage pond needs to be built.
8. **Raise Manholes** - An extra effort will be made to find and raise manholes that have been overlaid with asphalt.
9. **Neighborhood Projects** - The limit was raised on projects that can be done in-house without getting bids.
10. **GIS Equipment** - A map-grade GPS unit will be purchased for mapping of valves, meters, etc.
11. **Flood Basin Fee -** This impact fee is charged to new development and used for capital facilities As required by law, a study was completed in May 2005 which recommended the change included herein.

Department 660	2002 Actual	2003 Actual	2004 Actual	2005 Estimated	2006 Approved	
Financing Sources:						
318111 Retail Sales	$ 2,185,696	$ 1,039,934	$ 1,104,446	$ 1,077,370	$ 1,082,518	
3399 Other Income	-	-	1,304	-	-	
Total Financing Sources	**$ 2,185,696**	**$ 1,039,934**	**$ 1,105,750**	**$ 1,077,370**	**$ 1,082,518**	
Financing Uses:						
411111 Regular Pay	$ 384,670	$ 281,669	$ 284,163	$ 314,033	$ 344,745	
411121 Temporary/Seasonal Pay	7,346	6,516	6,812	16,440	16,769	
411131 Overtime/Gap	21,115	10,521	16,936	16,000	16,000	
411135 On Call Pay	3,402	3,455	3,450	4,840	4,840	
411211 Variable Benefits	85,817	63,858	63,573	71,870	80,045	
411213 Fixed Benefits	66,940	48,905	50,980	62,797	64,587	
411214 Retiree Health Benefit	-	520	590	787	816	
41131 Vehicle Allowance	4,291	1,040	1,077	-	-	
41132 Mileage Reimbursement	-	4	-	-	-	
4121 Books, Subs., & Memberships	103	-	28	500	500	
41231 Travel	2,166	-	-	2,500	2,500	
41232 Meetings	158	718	448	1,000	1,000	
41235 Training	1,625	78	335	2,500	2,500	
412400 Office Supplies	756	1,183	936	3,000	3,000	
412420 Postage	38,025	17,786	18,764	20,000	20,000	
412440 Computer Supplies	-	-	-	922	922	
412450 Uniforms	3,651	2,579	3,880	3,880	3,880	
412455 Safety Supplies	108	111	1,277	1,500	1,500	
412475 Special Departmental Supplies	978	2,822	727	3,000	3,000	
412490 Miscellaneous Supplies	479	300	114	1,500	1,500	
412521 Building O & M	1,823	808	1,218	2,500	2,500	
412524 Heat	-	-	-	350	350	
41261 Telephone	3,304	5,495	3,843	6,772	7,513	
412825 Irrigation Assessments	40,007	-	-	-	-	
412841 Ditch Maintenance	25,543	40,678	38,997	62,000	75,000	4
412842 Storm Pond Maintenance	-	-	-	15,000	15,000	
412843 Storm Water Education	-	-	-	15,000	15,000	
413723 UCAN Charges	3,884	3,163	4,284	4,590	4,590	
41379 Professional Services	-	280	-	-	15,000	
41384 Contract Services	92,697	101,559	94,476	106,090	111,395	
41401 Administrative Charges	97,498	39,117	42,227	44,338	46,555	
41411 IS Charges	2,123	6,196	6,496	3,047	14,444	3
4146 Risk Management Charges	96,353	85,790	161,745	145,015	121,849	1
41463 Fleet Repair Fund	3,564	3,564	3,564	3,386	3,386	
41471 Fleet O & M	63,703	60,766	51,857	44,789	55,159	2
41591 Bad Debt Expense	764	806	80,808	763	763	
41593 Storm Water Permits & Fees	-	-	-	10,500	10,500	
Total Financing Uses	**$ 1,052,893**	**$ 790,287**	**$ 943,605**	**$ 991,209**	**$ 1,067,108**	
Excess (Deficiency) of Financing Sources over Financing Uses	**$ 1,132,803**	**$ 249,647**	**$ 162,145**	**$ 86,161**	**$ 15,410**	

Staffing Information	Bi-weekly Salary		Full-time Equivalent		
	Minimum	Maximum	FY 2004	FY 2005	FY 2006
Appointed:					
Deputy Director	$ 2,788.80	$ 4,183.20	0.25	0.00	0.00
Full-time:					
Fiscal Analyst	$ 1,366.40	$ 2,049.60	0.40	0.40	0.40
Education Specialist - PIO	$ 1,310.40	$ 1,965.60	0.00	0.25	0.25
Drainage Supervisor	$ 1,366.40	$ 2,049.60	0.00	1.00	1.00
Water Operator	$ 1,090.40	$ 1,635.60	1.00	1.00	1.00
Drainage Crew Leader	$ 1,016.80	$ 1,525.20	1.00	1.00	1.00
Drainage Maintenance Worker	$ 944.80	$ 1,417.20	6.00	6.00	6.00
Temporary / Seasonal:					
Public Utilities Laborer	$ 6.66	$ 9.98	0.84	0.84	0.84
		Total FTEs	9.49	10.49	10.49

Fee Information	2002 Approved	2003 Approved	2004 Approved	2005 Approved	2006 Approved
Storm Water Fees					
Maximum $2 of fee to be used for operations, $3 to be used for capital projects or debt service of storm water projects.					
Residential (/unit/month)	$3	$5	$5	$5	$5
All Other (/residential equivalent/month)	$3	$5	$5	$5	$5
Assistance Program (/unit/month)	$1.50	$2.50	$2.50	$2.50	$2.50

Crews Working on Drainage Projects

Department 661	2002 Actual	2003 Actual	2004 Actual	2005 Estimated	2006 Approved	
Financing Sources:						
318111 Retail Sales	$ -	$ 1,559,967	$ 1,656,696	$ 1,616,054	$ 1,623,776	
3351 Bond Proceeds	10,147,213	-	-	-	-	
3361 Interest Income	145,334	217,790	73,981	80,000	80,000	
3373 Flood Basin Fees	393,614	293,283	210,003	300,000	700,000	11
3392 Sale of Fixed Assets	-	138,930	-	3,500	3,500	
341213 Transfer in - EDA S. Towne Ridge	-	-	-	-	40,000	
Total Financing Sources	**$ 10,686,161**	**$ 2,209,970**	**$ 1,940,680**	**$ 1,999,554**	**$ 2,447,276**	
Financing Uses:						
431 Capitalized Labor						
431111 Regular Pay	$ -	$ 134,517	$ 142,289	$ 126,098	$ 136,779	
431131 Overtime/Gap	-	1,937	2,980	4,000	4,000	
431211 Variable Benefits	-	28,845	30,144	27,518	30,417	
431213 Fixed Benefits	-	20,055	22,301	19,939	20,523	
43131 Vehicle Allowance	-	4,831	4,607	4,572	4,572	
43132 Mileage Reimbursement	-	-	8	-	-	
432420 Postage	-	25,701	28,162	30,000	30,000	
432450 Uniforms	-	745	2,194	1,000	1,000	
43401 Administrative Charges	-	61,424	63,341	66,508	69,833	
43472 Fleet Purchases	99,032	36,093	89,346	12,000	24,500	
434729 Fleet Purchases Contingency	-	-	-	730,453	149,319	5
4370 Capital Outlays	755,745	8,620,923	334,423	5,506,433	1,049,316	
4374 Equipment	3,949	-	9,072	1,050	2,500	
43741 GIS Equipment/Software	-	2,866	-	9,388	11,000	10
44131011 Transfer to Debt Service Fund	-	897,807	947,709	927,483	928,927	
Total Financing Uses	**$ 858,726**	**$ 9,835,744**	**$ 1,676,576**	**$ 7,466,442**	**$ 2,462,686**	
Excess (Deficiency) of Financing Sources over Financing Uses	**$ 9,827,435**	**$ (7,625,774)**	**$ 264,104**	**$ (5,466,888)**	**$ (15,410)**	

Staffing Information	Bi-weekly Salary		Full-time Equivalent		
	Minimum	Maximum	FY 2004	FY 2005	FY 2006
Full-time:					
Chief Engineer	$ 2,040.80	$ 3,061.20	1.00	1.00	1.00
Staff Engineer	$ 1,574.40	$ 2,361.60	0.50	0.50	0.50
Drainage Supervisor	$ 1,366.40	$ 2,049.60	1.00	0.00	0.00
Public Utilities Inspector	$ 1,200.00	$ 1,800.00	1.00	1.00	1.00
		Total FTEs	3.50	2.50	2.50

Fee Information	2002 Approved	2003 Approved	2004 Approved	2005 Approved	2006 Approved	
Storm Water Fees						
Maximum $2 of fee to be used for operations, $3 to be used for Capital projects or debt service of storm water projects.						
Residential (/unit/month)	$3	$5	$5	$5	$5	
All Other (/residential equivalent/month)	$3	$5	$5	$5	$5	
Assistance Program (/unit/month)	$1.50	$2.50	$2.50	$2.50	$2.50	
Flood Basin Fees / acre	$3,618	$3,618	$3,618	$3,618	$4,333	11

Capital Budget	2005 Budgeted	2006 Approved	2007 Planned	2008 Planned	2009 Planned
EXPANSION PROJECTS					
13092 - 114th S I-15 Interchange - This funding is for the storm drain improvements associated with construction of the 114th South interchange at Interstate 15.					
	$ 103,091	$ -	$ -	$ -	$ -
19035 - Impact Fee Study - State law requires cities that levy impact fees to periodically document that the fees are justified. The flood basin fee is one of the impact fees currently levied by the city. The amount budgeted is the storm water fund's portion of the total $50,000 budgeted for the study.					
	$ 12,635	$ -	$ -	$ -	$ -
55046 - 94th S Pipe 300-500 West - This project is to install a storm drain pipe in 9400 South from 300 to 500 West.					
	$ 112,347	$ -	$ -	$ -	$ -
55051 - Dam Safety Study - This is a study of existing detention basins to meet state requirements.					
	$ 51,000	$ -	$ -	$ -	$ -
55052 - Bike Grates - This project funds the replacement of older storm drain grates that present a safety hazard to bicyclists with newer safer grates.					
	$ 23,799	$ 35,000	$ -	$ -	$ -
55059 - 8000 South Outfall Line - This project funds the installation of the 8000 South Storm drain trunk line and associated lateral lines.					
	$ 2,523,375	$ -	$ 1,600,000	$ 1,600,000	$ 1,600,000
55062 - Sandy Parkway Drainage Study - This is a study of the drainage area from the freeway west to the city					
	$ 20,000	$ -	$ -	$ -	$ -
55063 - 2004/2005 Storm Drain Project - This provides additional funding for the Hillsboro and 1300 East projects funded in FY 2004.					
	$ 845,349	$ -	$ -	$ -	$ -
55064 - Light Rail Trail Storm Drain - This funded an upgrade of the storm drain along the rail trail between 10600 S. and Dry Creek.					
	$ 655,792	$ -	$ -	$ -	$ -
55065 - Gravel Pit Detention Pond - This is to build a detention basin to accommodate development in the gravel pit area.					
	$ -	$ 824,316	$ -	$ -	$ -
REPLACEMENT PROJECTS					
55801 - Raise Storm Drain Manholes - This funding is used to redo the concrete ring around manhole covers to match the height of roads that have been newly overlayed.					
	$ 16,403	$ 60,000	$ -	$ -	$ -
55802 - Neighborhood Projects - This project is to install and replace various storm drain lines in neighborhoods throughout the city.					
	$ 103,499	$ 100,000	$ -	$ -	$ -
55804 - Retention Pond Modifications - This funding is to improve the appearance and function of various detention basins.					
	$ 30,000	$ 30,000	$ -	$ -	$ -

Capital Budget	2005 Budgeted	2006 Approved	2007 Planned	2008 Planned	2009 Planned
55999 - Flood Control Contingency - This funding is for contingency to capital project as well as any emergency project that may be needed.					
281 Storm Water Utility	$ 1,009,143	$ -	$ -	$ -	$ -
Total Capital Projects	**$ 5,506,433**	**$ 1,049,316**	**$ 1,600,000**	**$ 1,600,000**	**$ 1,600,000**

Camel Truck

Improve visibility and increase safety.
- Install streetlights in neighborhoods annexed in the future.
- Design and install streetlights along 1300 East.

Enhance the preventative maintenance program.
- Respond to repair work orders within 48 hours.
  - o Support two fully equipped light maintenance units.
  - o Replace chassis in older bucket truck.

Five-year Accomplishments

- Designed and installed Wasatch Blvd. street light project.
- Designed and installed Sego Lily (State Street to the Freeway) and Sandy Parkway.
- Installed 4,200 residential street lights as part of the City of Lights Project. The residential street lighting has now been completed.
- Mapped all street lights.
- Completed Phase II of City of Lights Project.
- Completed Phase III of City of Lights Project.

Performance Measures & Analysis

Measure (Calendar Year)	2002	2003	2004
Number of Street Lights Repaired	1051	1607	1686
Number of Street Lights Installed	188	264	171

Significant Budget Issues

1 **Improve visibility and increase safety -** This budget, as with prior budgets, commits significant funding to the objective of making our streets safer with more visibility. There is a one-time fleet request of $37,500 to replace the chassis of the oldest of the two maintenance bucket trucks.

Department 670	2002 Actual	2003 Actual	2004 Actual	2005 Estimated	2006 Approved
Financing Sources:					
318111 Retail Sales	$ 68,462	$ 78,463	$ 74,693	$ 60,000	$ 60,000
3361 Interest Income	52,266	40,057	19,300	-	-
3375 Street Lighting Fees	4,764	3,500	19,048	-	-
3399 Other Income	-	-	233	-	-
3411 Transfer In - General Fund	534,628	604,628	549,654	549,654	596,121
Total Financing Sources	**$ 660,120**	**$ 726,648**	**$ 662,928**	**$ 609,654**	**$ 656,121**
Financing Uses:					
411111 Regular Pay	$ 88,896	$ 83,715	$ 99,999	$ 102,776	$ 116,450
411131 Overtime/Gap	459	714	401	1,500	1,500
411211 Variable Benefits	18,707	17,826	21,202	22,066	25,500
411213 Fixed Benefits	18,581	12,861	19,606	25,177	21,734
41131 Vehicle Allowance	-	745	-	-	-
41235 Training	125	-	15	2,331	2,331
412400 Office Supplies	-	203	80	300	300
412450 Uniforms	341	999	1,100	1,100	1,100
412490 Miscellaneous Supplies	9,000	6,663	10,030	10,000	10,000
41261 Telephone	1,400	1,546	1,386	2,027	1,950
41283 Street Lighting	336,025	325,300	278,059	322,203	322,203
412831 Street Light Maintenance	40,926	27,010	22,648	79,534	79,534
41371 Maintenance Contracts	-	2,981	-	15,000	15,000
413723 UCAN Charges	469	422	504	540	540
41379 Professional Services	-	2,178	-	-	-
41411 IS Charges	1,525	234	1,309	5,241	6,780
41460 Risk Management Charges	1,627	1,125	1,100	1,146	1,043
41463 Fleet Repair Fund	792	792	792	752	752
41471 Fleet O & M	4,717	6,367	4,524	9,091	11,904
41591 Bad Debt Expense	-	-	45,900	-	-
43472 Fleet Purchases	-	-	75,566	-	37,500
4374 Equipment	-	-	7,546	-	-
43765 Street Light Projects	429,605	351,383	167,561	1,100,205	-
Total Financing Uses	**$ 953,195**	**$ 843,064**	**$ 759,328**	**$ 1,700,989**	**$ 656,121**
Excess (Deficiency) of Financing	**(293,075)**	**(116,416)**	**(96,400)**	**(1,091,335)**	**-**
Accrual Adjustment	**(126,943)**	**-**	**-**	**-**	**-**
Balance - Beginning	**1,936,298**	**1,516,280**	**1,399,864**	**1,303,464**	**212,129**
Balance - Ending	**$ 1,516,280**	**$ 1,399,864**	**$ 1,303,464**	**$ 212,129**	**$ 212,129**

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Staffing Information	Bi-weekly Salary		Full-time Equivalent		
	Minimum	Maximum	FY 2004	FY 2005	FY 2006
Full-time:					
Electronic Specialist	$ 1,467.20	$ 2,200.80	1.00	1.00	1.00
Fiscal Analyst	$ 1,366.40	$ 2,049.60	0.20	0.20	0.20
Electronic Assistant	$ 1,200.00	$ 1,800.00	1.00	1.00	1.00
Engineering / Blue Stakes Technician	$ 944.80	$ 1,417.20	1.00	1.00	1.00
		Total FTEs	3.20	3.20	3.20

Fee Information	2002 Approved	2003 Approved	2004 Approved	2005 Approved	2006 Approved
Street Lighting Fees (Annexations)					
Residential (60 months maximum) / single home / month	$5	$5	$5	$5	$5
All Other (60 months maximum) / residential equivalent / month	$5	$5	$5	$5	$5
Assistance Program (60 months maximum) / unit / month	$2.50	$2.50	$2.50	$2.50	$2.50

Capital Budget	2005 Budgeted	2006 Approved	2007 Planned	2008 Planned	2009 Planned
19013 - Underground Powerlines - This funding is for the burial of overhead powerlines in general. In FY 2006, power lines will be buried through Dimple Dell Park in conjuction with work being done on the Point of the Mountain Aqueduct.					
41 General Revenue	$ 408,860	$ 250,000	$ -	$ -	$ -
53003 - Street Lighting Improvements - This funding is for street lighting projects throughout the city.					
270 Electric Utility	$ 1,100,205	$ -	$ -	$ -	$ -
Total Capital Projects	**$ 1,509,065**	**$ 250,000**	**$ -**	**$ -**	**$ -**