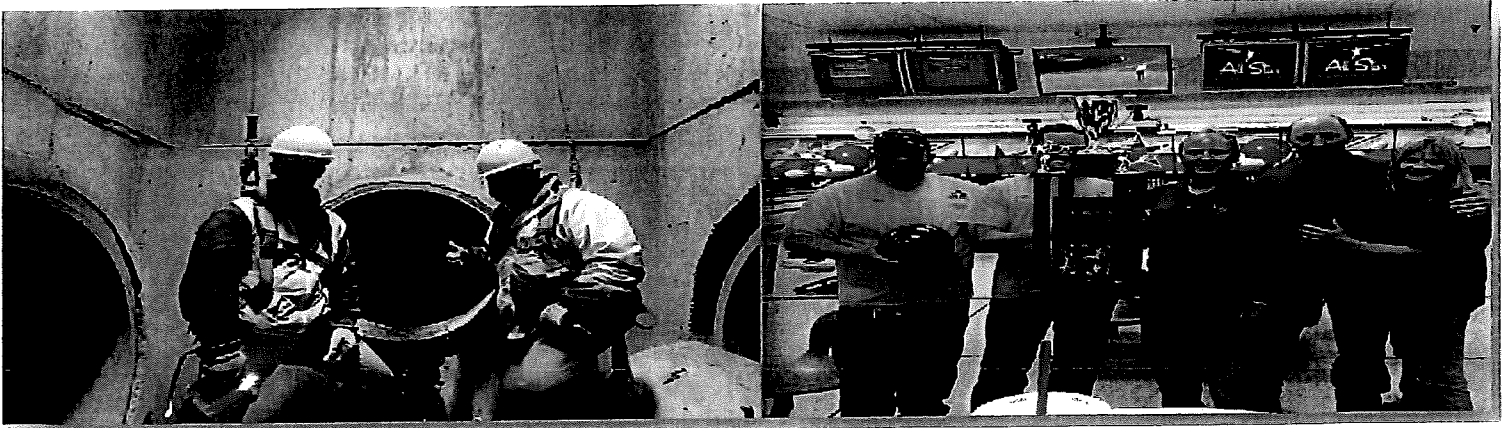


# Summary of Operations 2015



## Department of Public Utilities



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Note: All data reported in Calendar Year time period with the exception of the Budget Summary which is reported in a Fiscal Year time period.

# Executive Summary



The Public Utilities Department is pleased to submit the 2015 Annual Summary of Operations. This report details the department's actions over the last year and our efforts by proudly working together to provide quality utility services for our customers.

In 2015 the Department delivered 24,198 acre-feet of water to our customers, 64% of it going to residential customers. The Department continues to have a good blend of excellent water coming from multiple sources. Over the last year, 89% of our water came from our surface water sources with the other 11% coming from our groundwater wells.

There were 69 water line breaks this past year. This is an increase from the 48 in 2014. The Division had 25,517 connections in 2015 which is increasing at a consistent pace. The number of connections has increased from the 24,872 connections in 2010. This trend will likely continue with the consistent growth happening in our community.

Street lighting is an important part of safety in our community. The Department maintains over 7,812 lights throughout the community and in 2015 made 1,281 repairs. The most common problems include: bulbs burnt out or missing, lights cycling and underground cable repairs. We depend on the public to notify us when a light is out and perform daily audits during early morning hours to find lights that are not functioning. To better improve our street lighting coverage a Street Light Master Plan was completed in 2013 to provide guidance on the best method to enhance and maintain our street lighting service. In 2015, projects commenced on installing lights in the areas identified in our Street Light Master Plan.

Safety is one of the Departments six main values and is purposely listed first out of those six. We put a lot of effort into making sure our employees wear their safety gear and drive safely. The Department had three OSHA injury cases in 2015, none of which resulted in lost work time. The Department has now gone six straight years without a lost time work injury.

Our garden fairs at Segó Lily Gardens continue to be a success. We continue to have the Wild Wonders animals shows at our event to help draw children with their parents to the fair. Children learn how important water is to animals and the adults were able to learn a little about water wise plants and irrigation systems. Of course, the adults loved the animals too.

Each year we have volunteers assist us in our maintenance efforts at the garden. Our volunteers help us to keep the garden in great shape. Volunteers worked over 140 hours assisting in all types of projects throughout the year from weeding, trimming and adding mulch. Many of our volunteers return year after year because they enjoy the environment at Segó Lily Gardens.

# Executive Summary



In 2015, our total visitors were 2,663. We had visitors from Waterford school, artists and relief society groups. We also had 15 families take their family photos at the Garden. This is a common event at the Garden as our backdrops are very beautiful for family or engagement photography. This is a compliment to how well maintained and enjoyable the garden is for our community.

Six Sandy elementary schools joined us at the zoo this year for the annual Water Quality Fair to learn about water related issues. Sandy has served as one of the Project Managers for this event since its inception in 2006. The attendance was at 2,400 in 2015. Sandy distributes fliers to all Sandy schools each year as a reminder for the event and encouragement to attend. Each year teachers continue to comment on how educational and enjoyable this event is for their students. Children are able to enjoy the zoo while learning about water, which fits into their core curriculum for 4th graders. The staff at the fair works hard each year to improve upon this event for the attendees. Our plan adjusts each year as the zoo grows and our event is shuffled around the zoo to accommodate new venues. A consistent comment that is made about the event is about how much they appreciate how easy we make it for the chaperones and teachers so they can focus on the children and visit the booths since they don't need to worry about entrance, exit and lunch arrangements. This event continues to be well attended each year and allows us to reach out to children throughout Sandy and Salt Lake County to educate them on stormwater, which helps us to achieve our UPDES education and outreach requirements.

As a Department we accomplished a lot in 2015. We intend to do better in 2016. We have great support from the Public Utilities Advisory Board, the Administration and the City Council. With their help, we will continue to provide quality utility services for our customers.

# Public Utilities Vision



**PROUDLY WORKING TOGETHER TO PROVIDE QUALITY UTILITY SERVICES  
FOR OUR CUSTOMERS**

## **VALUES**

**SAFETY** – We are committed to safety by protecting the lives and resources of our employees and customers. We will provide training, tools and equipment to promote safety as a way of life.

**EFFECTIVENESS** — We are committed to providing dependable, cost effective services that meet the needs of our customers through the use of modern technology and infrastructure, now and in the future.

**EFFICIENCY** - We are committed to providing maximum use of resources through evaluation of the best balance of cost and benefit while measuring progress to maintain long term sustainability.

**INTEGRITY** — We promote integrity by being honest, being accurate in the work we perform and becoming more knowledgeable in our area of responsibility.

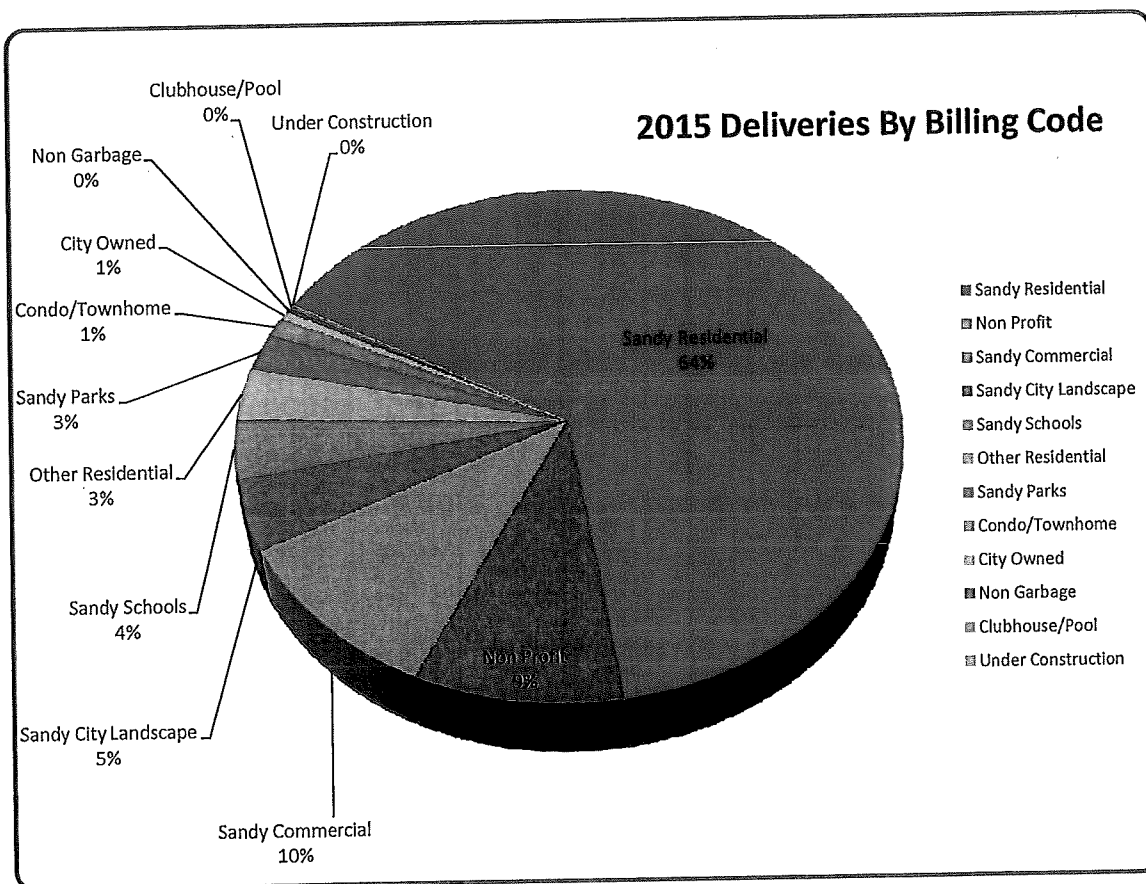
**RESPONSIVENESS** — We will be prepared to respond in a timely, courteous and professional manner.

**TEAM WORK** — We are a team with individual strengths. We are committed to listen, respect, trust, value, and support each other in achieving common goals. We strive to enhance employee self worth and job skills.

# Deliveries



Billing Code	Billing Units	Gallons	Acre Ft	% of Total
Sandy Residential	4,757,749	4,757,749,150	14,601	64.35%
Non Profit	687,553	687,553,290	2,110	9.30%
Sandy Commercial	761,413	761,413,020	2,337	10.30%
Sandy City Landscape	326,852	326,851,520	1,003	4.42%
Sandy Schools	277,401	277,400,810	851	3.75%
Other Residential	238,980	238,979,640	733	3.23%
Sandy Parks	175,086	175,085,740	537	2.37%
Condo/Townhome	89,848	89,848,450	276	1.22%
City Owned	38,864	38,864,440	119	0.53%
Non Garbage	19,610	19,609,750	60	0.27%
Clubhouse/Pool	14,489	14,489,250	44	0.20%
Under Construction	5,454	5,454,350	17	0.07%
<b>Total</b>	<b>7,393,299</b>	<b>7,393,299,410</b>	<b>22,689</b>	<b>100.00%</b>



# Consumption and Bill Data

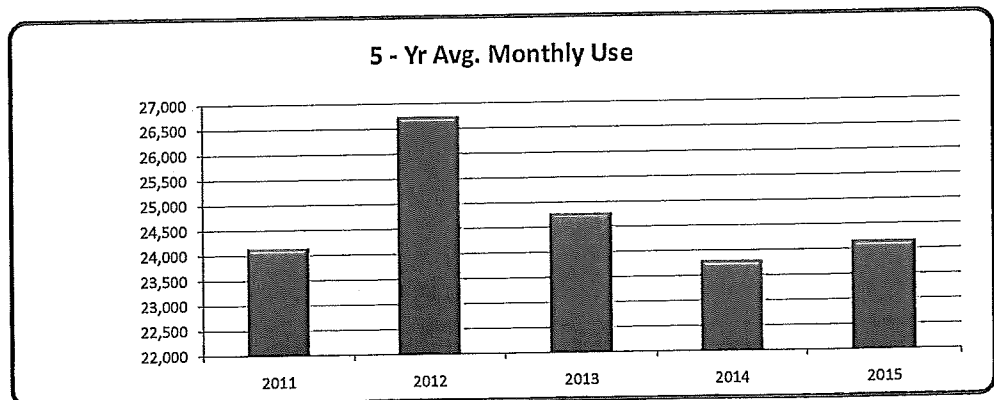


Water Rate Structure (Overage costs = Per 1,000 gallons)						
		2011	2012	2013	2014	2015
	Off season overage (Oct-Apr)	\$1.36	\$1.43	\$1.43	\$1.43	\$1.43
	Peak season overage (May-Sep)	\$2.45	\$2.42	\$2.42	\$2.42	\$2.42
Monthly Minimum Base Rate	3/4"	\$22.37	\$20.40	\$20.40	\$20.40	\$20.40
	1"	\$31.31	\$27.63	\$27.63	\$27.63	\$27.63
	1 1/2"	\$40.26	\$34.85	\$34.85	\$34.85	\$34.85
	2"	\$64.87	\$54.71	\$54.71	\$54.71	\$54.71
	3"	\$246.06	\$200.96	\$200.96	\$200.96	\$200.96
	4"	\$313.16	\$255.13	\$255.13	\$255.13	\$255.13
	6"	\$469.74	\$381.51	\$381.51	\$381.51	\$381.51
	8"	\$648.69	\$252.96	\$252.96	\$252.96	\$252.96

Day and Per Capita Consumption					
	Annual Consumption	Annual Gallons Per Capita	Annual Consumption (acre-feet)	GPD	GPD per Capita
2011	7,192,495,600	84,746	22,073	19,705,467	232
2012	7,852,960,000	92,153	24,100	21,514,959	252
2013	7,477,646,610	86,919	22,948	20,486,703	238
2014	7,211,673,544	83,092	22,132	19,758,010	228
2015	7,393,299,410	81,566	22,689	20,265,615	223

Average Water Bill					
	Connections	Annual Water Revenue	Avg. Annual Bill	Avg. Monthly bill	Avg. Monthly Use
2011	24,844	\$19,249,349	\$774.81	\$64.57	24,126
2012	24,482	\$21,271,314	\$868.86	\$72.40	26,730
2013	25,153	\$21,280,645	\$846.05	\$70.50	24,774
2014	25,288	\$20,006,807	\$791.16	\$65.93	23,765
2015	25,517	\$18,487,011	\$724.50	\$60.37	24,145

Service Population	
2011	84,871
2012	85,217
2013	86,030
2014	86,791
2015	90,642



# Budget Summary

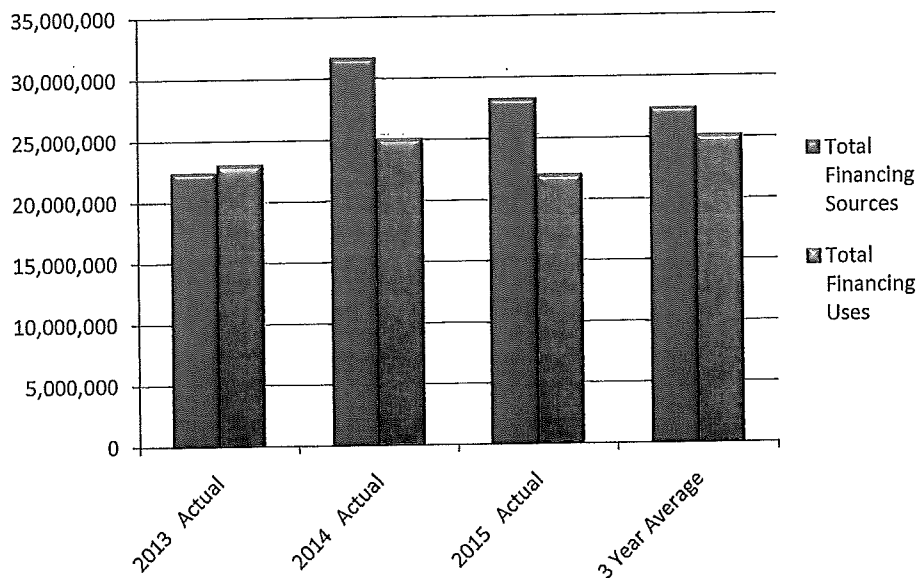


Fiscal Year

Water Fund	2013 Actual	2014 Actual	2015 Actual	3 Year Average
<b>Financing Sources:</b>				
Charges for Sales & Services	21,529,435	20,006,807	18,655,969	20,064,070
Miscellaneous Revenue	211,373	196,889	419,859	276,040
Fees from Developers	306,738	656,909	492,375	485,341
Other Income	314,726	53,887	798,154	388,922
Transfer from Reserves	0	10,732,204	7,792,400	6,174,868
<b>Total Financing Sources</b>	<b>22,362,271</b>	<b>31,646,696</b>	<b>28,158,757</b>	<b>27,389,242</b>

<b>Financing Uses:</b>				
Personnel Services	1,892,266	1,879,107	1,886,707	1,886,027
Materials & Supplies	593,817	637,108	592,742	607,889
External Services	402,803	365,434	354,920	374,386
Internal Services	1,407,668	1,469,432	1,545,729	1,474,276
Cost of Sales & Services	5,824,092	6,299,563	6,348,712	6,157,455
Equipment and Improvements	20,065	58,924	16,849	31,946
Capitalized Labor	1,009,828	1,064,890	1,104,523	1,059,747
Capitalized Material & Supplies	1,843	3,636	2,563	2,681
Capitalized Internal Services	155,317	180,805	53,372	129,831
Capital Outlays	10,123,489	11,481,773	8,437,568	10,014,276
Debt Service	1,529,678	1,535,039	1,574,835	1,546,518
<b>Total Financing Uses</b>	<b>22,960,867</b>	<b>24,975,711</b>	<b>21,918,520</b>	<b>25,086,680</b>

### 3 - Year Water Fund Summary





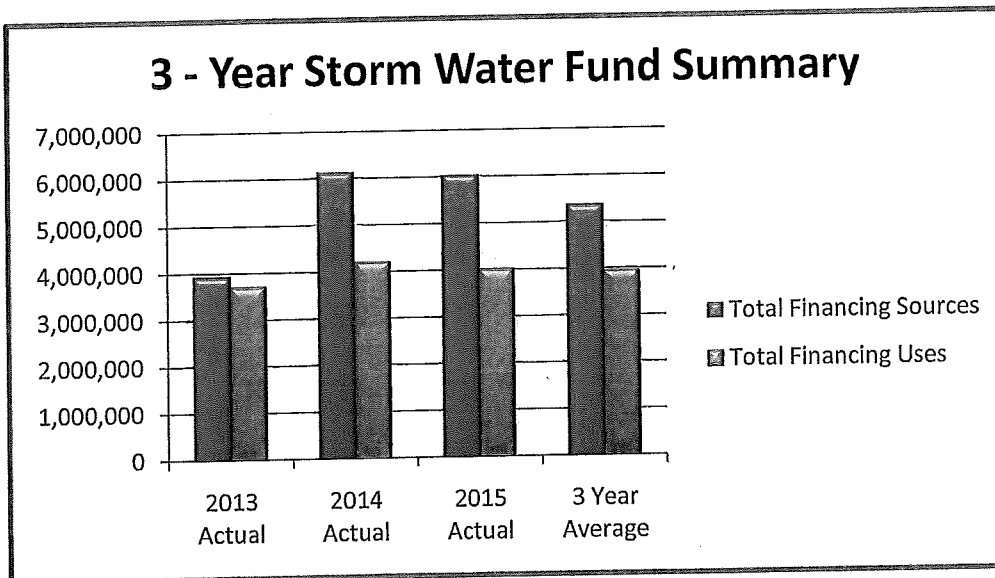
# Budget Summary

Fiscal Year



<b>Storm Water Fund</b>	<b>2013 Actual</b>	<b>2014 Actual</b>	<b>2015 Actual</b>	<b>3 Year Average</b>
<b>Financing Sources:</b>				
Charges for Sales & Services	3,698,049	3,719,516	3,752,443	3,723,336
Miscellaneous Revenue	6,687	12,114	3,671	7,491
Fees from Developers	131,630	317,601	330,242	259,825
Other Income	73,556	193,598	18,820	95,325
Transfer from Reserves	0	1,883,793	1,929,086	1,270,960
<b>Total Financing Sources</b>	<b>3,909,923</b>	<b>6,126,622</b>	<b>6,034,262</b>	<b>5,356,936</b>

<b>Financing Uses:</b>				
Personnel Services	814,922	840,440	816,175	823,846
Materials & Supplies	191,483	165,686	145,151	167,440
External Services	5,865	6,023	6,112	6,000
Internal Services	246,066	184,498	187,348	205,971
Cost of Sales & Services	16,664	11,086	11,125	12,958
Equipment and Improvements	8,913	24,445	0	11,120
Capitalized Labor	309,605	322,957	319,032	317,198
Capitalized Material & Supplies	27,452	29,435	29,447	28,778
Capitalized Internal Services	404,945	135,377	186,425	242,249
Capital Outlays	333,816	1,033,278	874,793	747,296
Debt Service	1,324,137	1,444,311	1,430,892	1,399,780
<b>Total Financing Uses</b>	<b>3,683,870</b>	<b>4,197,536</b>	<b>4,006,500</b>	<b>3,962,635</b>



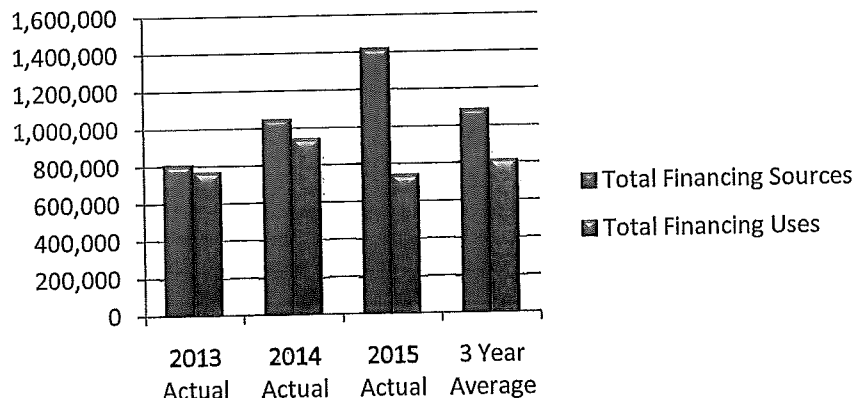
# Budget Summary



Fiscal Year

<b>Electric Utility Fund</b>	<b>2013 Actual</b>	<b>2014 Actual</b>	<b>2015 Actual</b>	<b>3 Year Average</b>
<b>Financing Sources:</b>				
Interest Income	2,406	1,426	2,560	2,131
Cell Tower Lease	0	0	27,167	9,056
Utility Retail Sales	463	40,537	865,952	302,317
Collection Charges	0	20	20	13
Other Income	1,190	12,782	10,731	8,234
Transfer In - General Fund	796,744	798,223	355,000	649,989
Prior Year Carryover	0	192,125	157,314	116,480
<b>Total Financing Sources</b>	<b>800,804</b>	<b>1,045,113</b>	<b>1,418,744</b>	<b>1,088,220</b>
<b>Financing Uses:</b>				
Regular Pay	128,368	126,979	12,193	89,180
Overtime/Gap	70	80	0	50
On Call Pay	0	0	15	5
Variable Benefits	26,920	27,212	26,395	26,842
Fixed Benefits	28,280	27,030	27,260	27,523
Uniform Allowance	212	524	441	392
Uniforms	762	522	741	675
Miscellaneous Supplies	5,959	6,423	8,227	6,870
Telephone	2,746	3,034	4,225	3,335
Street Lighting	449,094	445,172	384,077	426,114
Street Light Maintenance	57,721	55,022	47,881	53,541
UCAN Charges	838	4,044	848	1,910
IT Charges	8,300	7,985	10,500	8,928
Risk Management Charges	691	691	711	698
Fleet O&M	16,887	19,592	19,941	18,807
Bad Debt Expense	254	85	0	113
Equipment	0	2,015	619	878
Fleet Purchases	0	38,341	12,709	17,017
Street Light Projects	230,365	172,329	181,022	194,572
<b>Total Financing Uses</b>	<b>764,150</b>	<b>937,080</b>	<b>737,805</b>	<b>813,012</b>

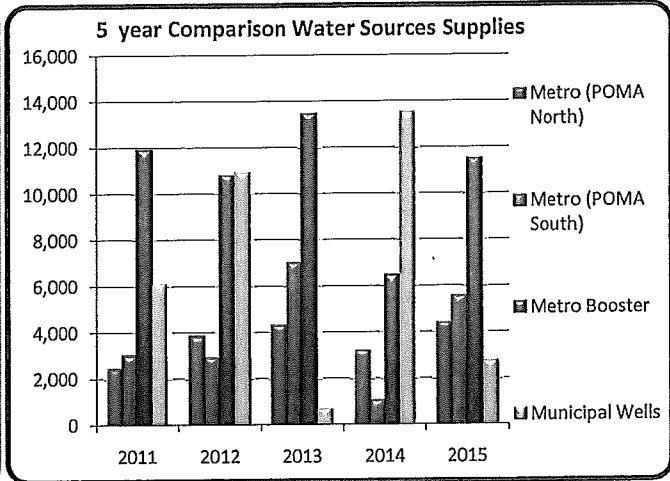
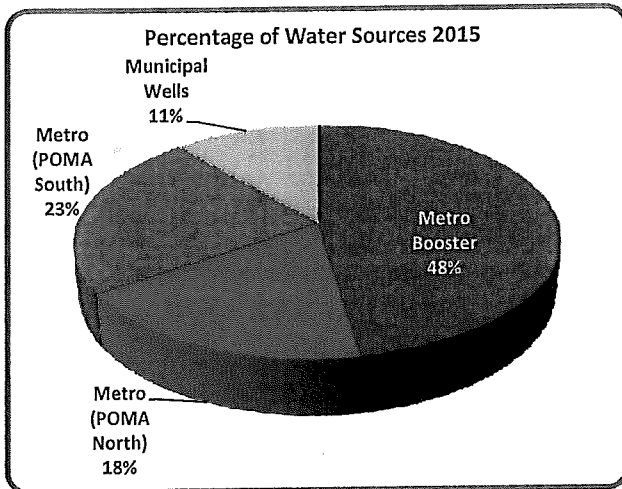
## 3 - Year Electric Fund Summary



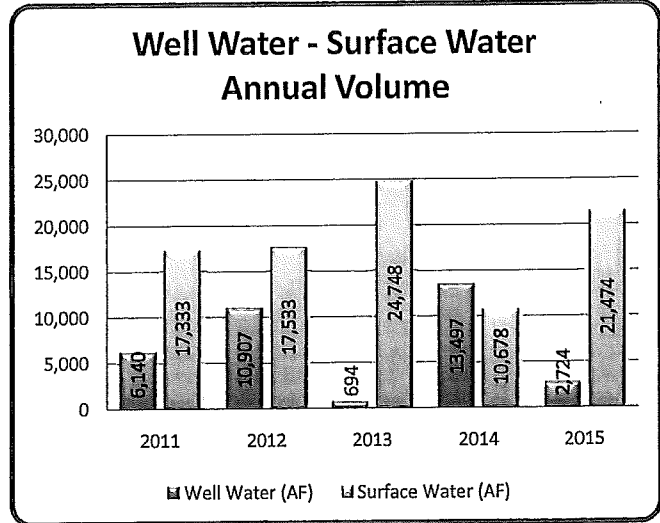
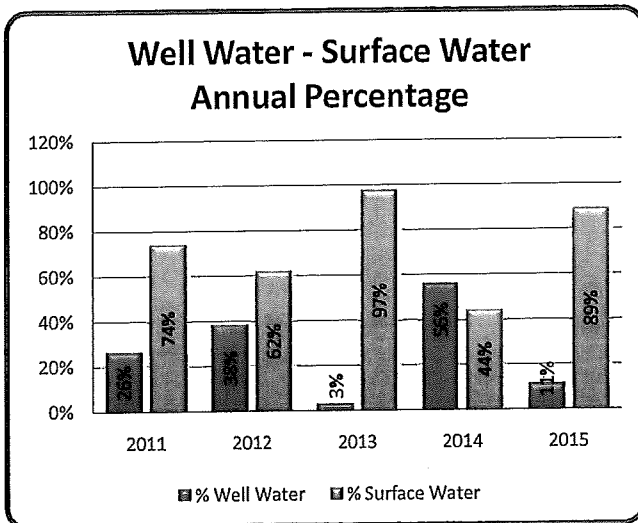
# Water Source Supplies



Municipal & Industrial Water Supplies	CY 2011 (AF)	CY 2012 (AF)	CY 2013 (AF)	CY 2014 (AF)	CY 2015 (AF)	5 Year Avg.	
Metro Booster	11,894	10,804	13,443	6,430	11,518	10,818	43%
Metro (POMA North)	2,451	3,828	4,299	3,193	4,392	3,633	14%
Metro (POMA South)	2,988	2,901	7,006	1,055	5,564	3,903	15%
Municipal Wells	6,140	10,906	694	13,497	2,724	6,792	27%
<b>Total Acre Footage Supplied</b>	<b>23,473</b>	<b>28,439</b>	<b>25,442</b>	<b>24,175</b>	<b>24,198</b>	<b>25,382</b>	<b>100%</b>



	Well Water (AF)	% Well Water	Surface Water (AF)	% Surface Water	Annual Total (AF)
2011	6,140	26%	17,333	74%	23,473
2012	10,907	38%	17,533	62%	28,440
2013	694	3%	24,748	97%	25,442
2014	13,497	56%	10,678	44%	24,175
2015	2,724	11%	21,474	89%	24,198

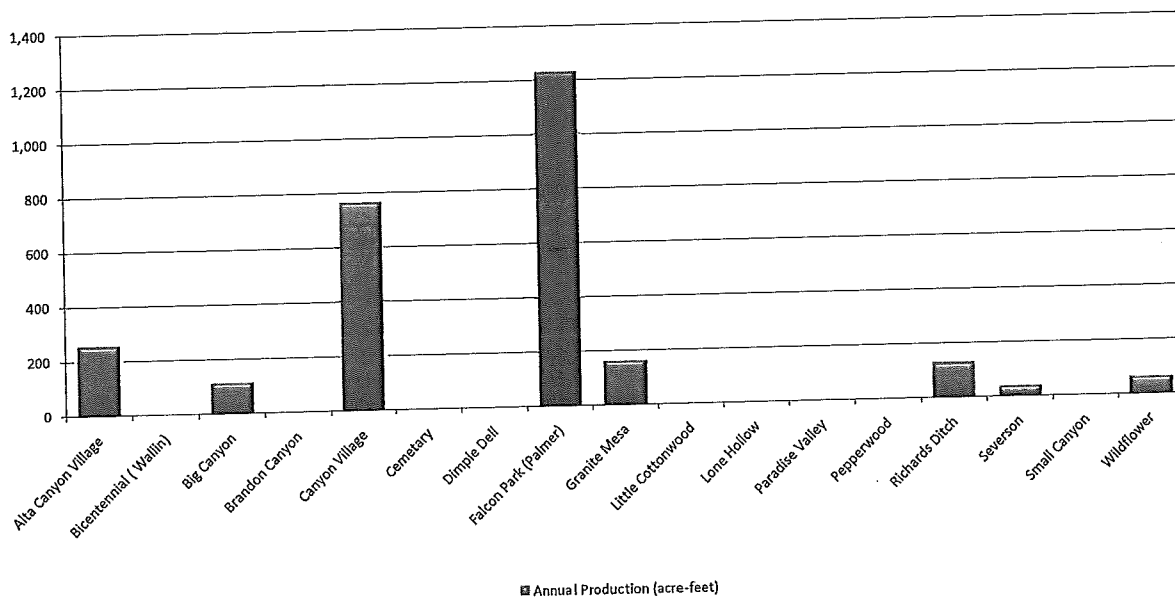


# Distribution



Active Wells 2015						
Name	Location	Well Capacity (gpm)	Pump Type	Zone Pressure	Horse Power	Annual Production (acre-feet)
Alta Canyon Village	2010 E. Village Point Wy. (9215 S.)	2,000	Submersible	111	500	253
Bicentennial ( Wallin)	590 East 8680 South	3,000	Line Shaft	N/A	450	0
Big Canyon	3775 Little Cottonwood Rd. (9800 S.)	1,000	Line Shaft	150	75	111
Brandon Canyon	3775 Little Cottonwood Rd. (9800 S.)	1,000	Line Shaft	110	250	0
Canyon Village	1900 E. 11450 S.	800	Line Shaft	140	450	760
Cemetery	1822 E. Southbridge Way (9150 S.)	1,800	Submersible	80	300	0
Dimple Dell	9120 S. 700 E.	4,000	Line Shaft	110	1,250	0
Falcon Park (Palmer)	2000 E. 10600 S.	2,000	Line Shaft	160	400	1,227
Granite Mesa	9140 S. Sterling Dr. 1700 E.)	1,200	Line Shaft	80	250	158
Little Cottonwood	8800 S. 1200 E.	1,750	Line Shaft	140	400	0
Lone Hollow	7900 S. Highland Dr. (2000 E.)	1,550	Line Shaft	150	600	0
Paradise Valley	2700 E. Lone Hollow Dr. (10900 S.)	2,000	Line Shaft	120	600	0
Pepperwood	1900 E. 11100 S.	2,800	Line Shaft	150	1,000	0
Richards Ditch	10800 S. 2200 E.					123
Severson		3,000	Line Shaft	60		34
Small Canyon	8396 S. Grambling Way	600	Line Shaft	150	40	0
Wildflower	9750 S. 3775 E.	2,000	Submersible	112	500	58
<b>Total Annual Production</b>						<b>2,724</b>

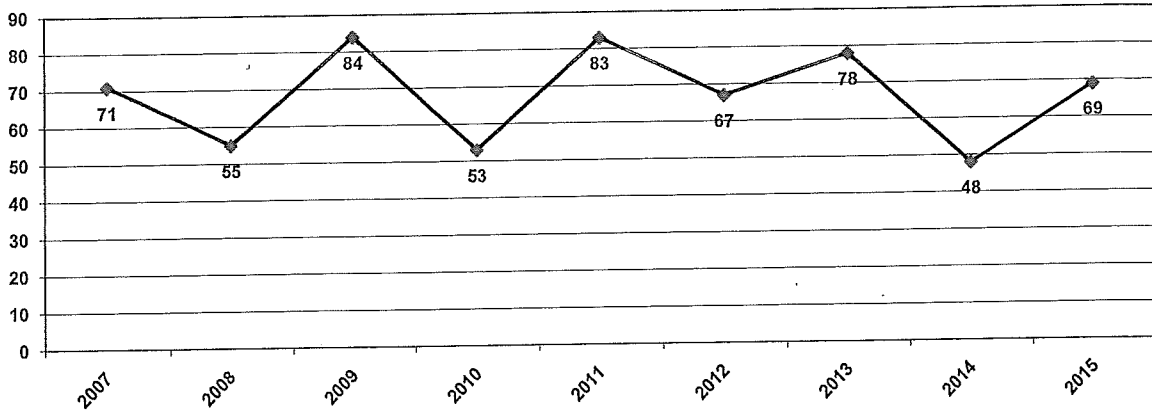
2015 Municipal Wells Production



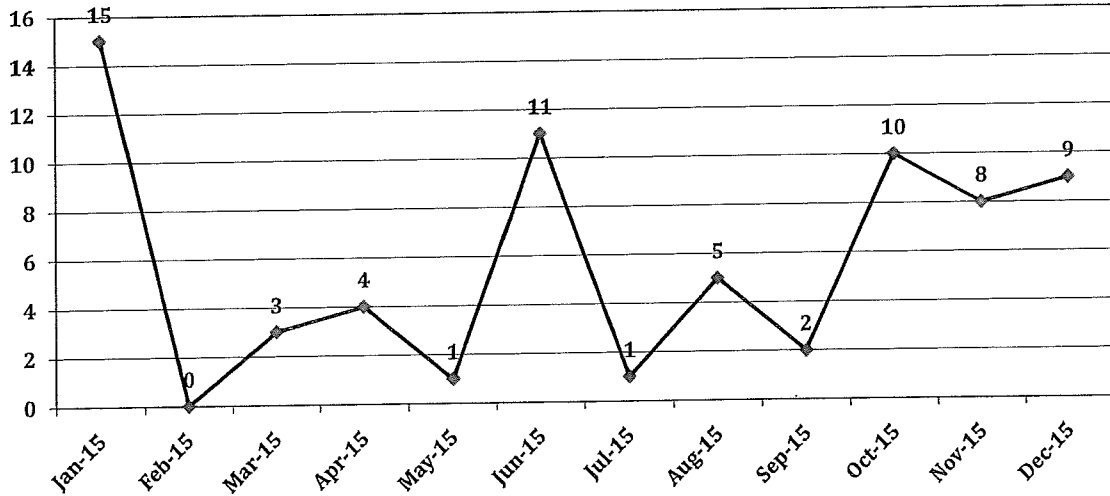
# Main Line Breaks



### 9 - Year History of Main Line Breaks



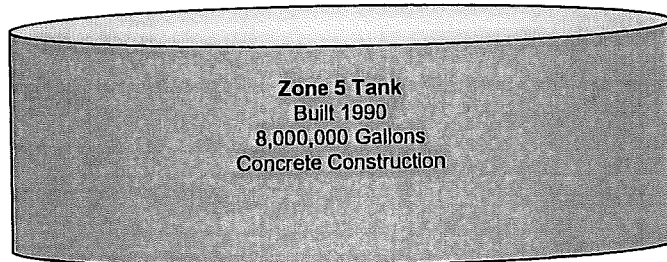
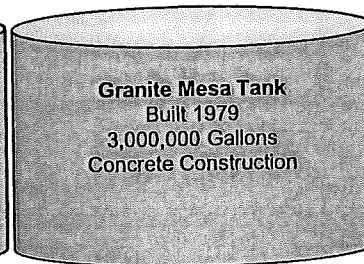
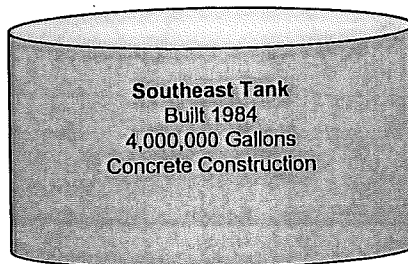
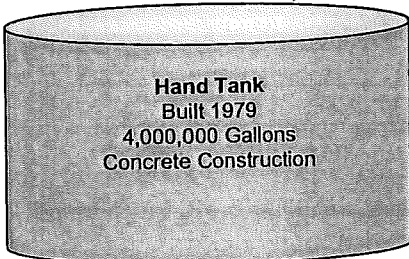
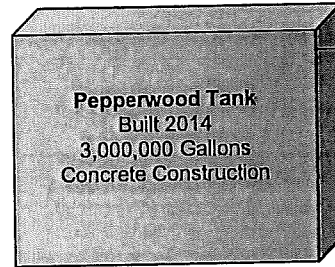
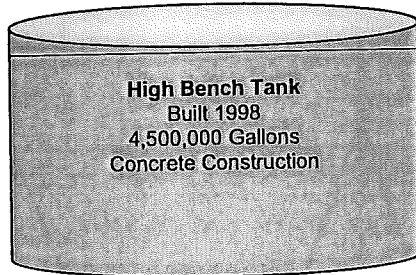
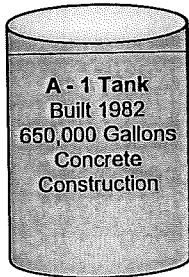
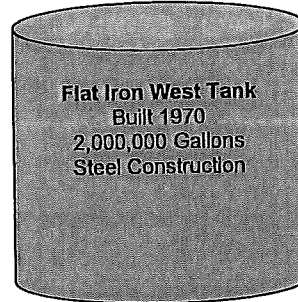
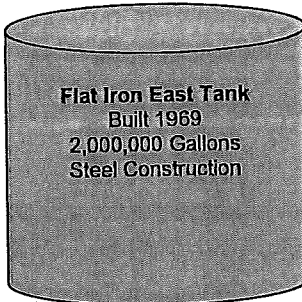
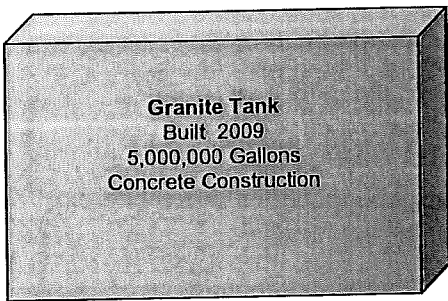
### 2015 Main Line Breaks - 69 Total



# Storage Tanks



Pressure Zone	Tank	Location	Construction		Year
			Capacity (mg)	Type	
1	A-1	9600 S. 3800 E.	0.65	Concrete	1982
1	High Bench	11100 S. 3400 E.	4.5	Concrete	1998
2	Granite	3500 E. 9800 S.	5.0	Concrete	2009
2	Pepperwood	11400 S. 3100 E.	3.0	Concrete	2014
3	Hand	9800 S. 2600 E.	4.0	Concrete	1979
3	Southeast	11700 S. 2520 E.	4.0	Concrete	1984
4	Flat Iron East	8425 S. 1755 E.	2.0	Steel	1969
4	Flat Iron West	8426 S. 1755 E.	2.0	Steel	1970
5	Zone 5	10500 S. 1500 E.	8.0	Concrete	1990
6	Granite Mesa	3560 E. Little Cottonwood Road	3.0	Concrete	1979
			<b>36.15</b>		



# Booster Stations



BOOSTER NAME	LOCATION	DESIGN (GPM)	CAPACITY (MGD)	ZONE	PUMP SIZE IN (HP)	PUMP TYPE
A-1 BOOSTER	3560 East Little Cottonwood. Rd.	1,000	4.3	1 AND 1-B	100	LINE SHAFT
BOOSTER #1	9800 S. 2335 E.	4,500	6.4	2	200	LINE SHAFT
BOOSTER #2	2750 E. 9335 S.	1,500	2.2	3	75	LINE SHAFT
GRANITE MESA	8870 SO. 1160 E.	2,500	3.6	4	100	LINE SHAFT
HIGH BENCH	10845 S. Wasatch BLVD.	6,000	8.6	1	350	LINE SHAFT
METRO BOOSTER	3100 E. 9300 S.	12,520	18.0	2 / 3	200 / 300	LINE SHAFT
FALCON PARK	9140 SO. Sterling Dr. 1700 E	2,100	3.0	3	100 / 200	LINE SHAFT
PEPPERWOOD	11739 So. Hidden Brook BLVD	6,000	8.64	2	300	LINE SHAFT

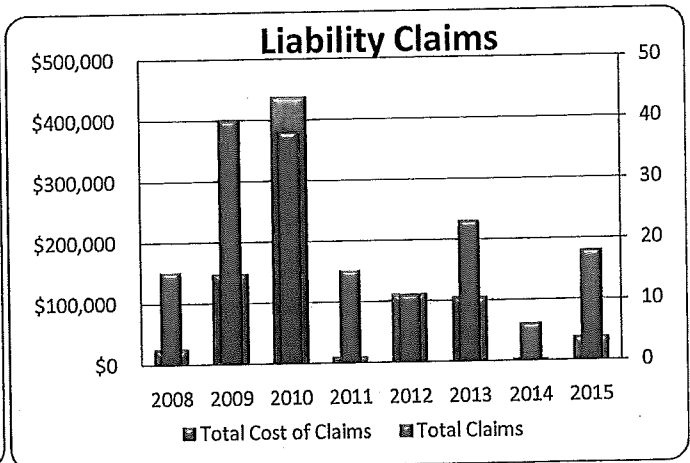
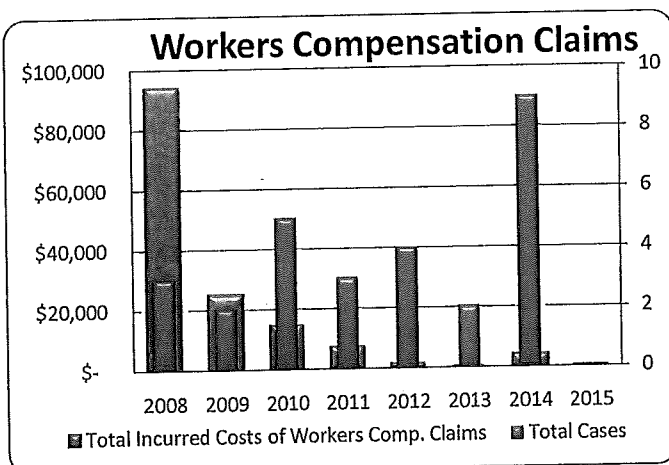
# Safety



Calendar Year	Avg # of Employees	Number of Employee Hours Worked <sup>a</sup>	Workers Compensation Claims				Lost Work Days Incident Rate <sup>f</sup>	Days of Restricted Work	Total Incurred Costs of Workers Comp. Claims
			Lost Work Day Cases <sup>b</sup>	Cases w/o Lost Work Days <sup>c</sup>	Total Cases	Total Lost Work Days <sup>d</sup>			
2004	60	110,400	1	2	3	2	3.3	0	\$ 878
2005	58	106,720	0	3	3	0	0.0	83	\$ 6,496
2006	60	110,400	0	2	3	0	0.0	62	\$ 2,020
2007	60	110,400	1	2	3	4	6.7	23	\$ 4,060
2008	65	119,600	1	2	3	18	27.7	18	\$ 94,134
2009	65	119,600	2	0	2	79	121.5	180	\$ 24,971
2010	53	97,520	0	5	5	0	0.0	45	\$ 14,769
2011	57	104,880	0	3	3	0	0.0	0	\$ 7,411
2012	58	106,720	0	4	4	0	0.0	6	\$ 1,643
2013	63	115,920	0	2	2	0	0.0	0	\$ 231
2014	58	106,720	0	9	9	68	117.2	68	\$ 4,305
2015	64	117,760	0	3	3	0	0.0	0	\$ 468

- a- Number of employees x 1840 (1840 hours is the average # of hours an employee works per year).
- b- Cases where employees missed work due to a work-related injury.
- c- Cases where injury did not stop an employee from coming to work.
- d- Days away from work + days of restricted activity.
- e- Total cases x 1840, divided by "number of employee hours worked".
- f- Total lost work days x 1840, divided by "number of employee hours worked".

Liability Claims		
Year	Total Claims	Total Cost of Claims
2004	12	\$207,882
2005	25	\$127,071
2006	19	\$171,439
2007	28	\$90,342
2008	15	\$23,961
2009	40	\$146,865
2010	38	\$436,760
2011	15	\$9,126
2012	11	\$109,288
2013	23	\$104,195
2014	6	\$2,681
2015	18	\$37,513
<b>Totals</b>	<b>203</b>	<b>\$1,322,734</b>





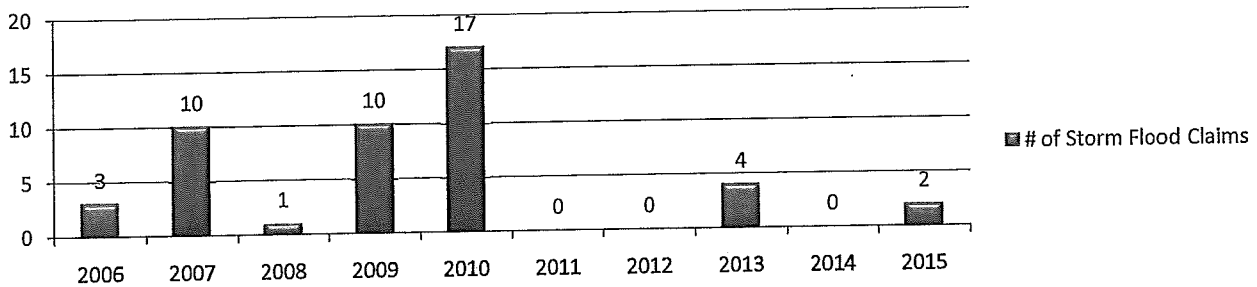
# Flood Claims



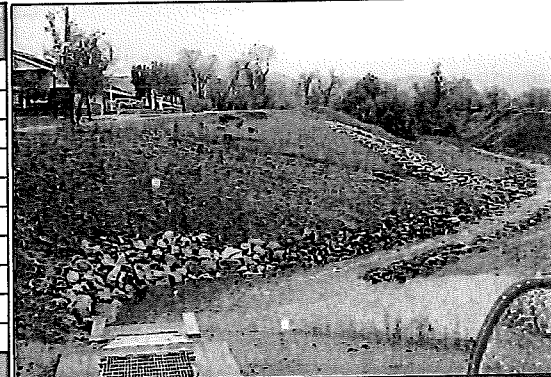
Year	# of Storm Flood Claims	Cost of Flood Claims	Average Cost of Claim
2006	3	\$165,903	\$55,301
2007	10	\$78,689	\$7,869
2008	1	\$0	\$0
2009	10	\$51,154	\$5,115
2010	17	\$247,777	\$14,575
2011	0	\$0	\$0
2012	0	\$0	\$0
2013	4	\$41,317	\$10,329
2014	0	\$0	\$0
2015	2	\$26,884	\$13,442
<b>Totals</b>	<b>47</b>	<b>\$611,724</b>	<b>\$13,015</b>



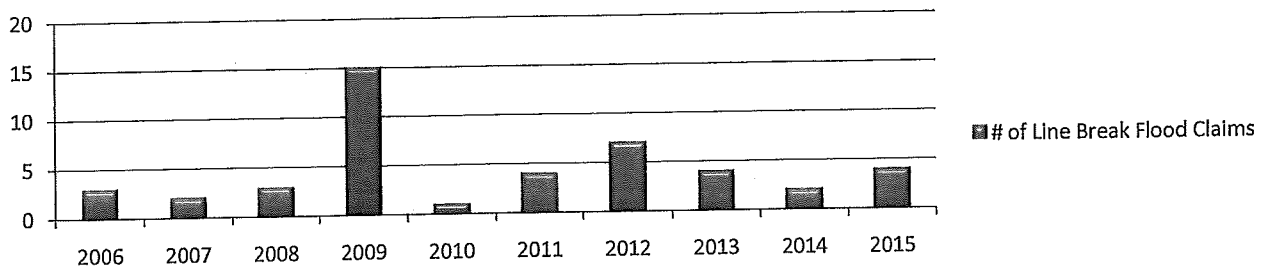
### Number of Storm Flood Claims



Year	# of Line Break Flood Claims	Cost of Flood Claims	Average Cost of Claim
2006	3	\$2,889	\$963
2007	2	\$0	\$0
2008	3	\$14,250	\$4,750
2009	15	\$86,800	\$5,787
2010	1	\$161,195	\$161,195
2011	4	\$2,363	\$591
2012	7	\$102,585	\$14,655
2013	4	\$34,317	\$8,579
2014	2	\$2,681	\$1,341
2015	4	\$2,576	\$644
<b>Totals</b>	<b>45</b>	<b>\$409,656</b>	<b>\$19,850</b>



### Number of Water Line Break Flood Claims



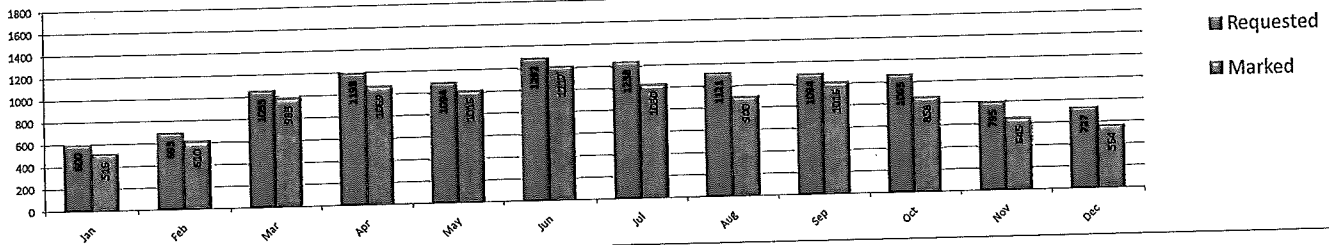
# Blue Stakes Requests



## Monthly Blue Stakes Requests 2015

Days	Jan-15		Feb-15		Mar-15		Apr-15		May-15		Jun-15		Jul-15		Aug-15		Sep-15		Oct-15		Nov-15		Dec-15	
	Rqstd	Mrkd	Rqstd	Mrkd	Rqstd	Mrkd	Rqstd	Mrkd	Rqstd	Mrkd	Rqstd	Mrkd	Rqstd	Mrkd	Rqstd	Mrkd	Rqstd	Mrkd	Rqstd	Mrkd	Rqstd	Mrkd	Rqstd	Mrkd
Total	600	516	693	610	1,055	983	1,198	1,069	1,094	1,016	1,292	1,217	1,238	1,030	1,121	900	1,094	1,016	1,065	858	795	645	727	564
11,972 Annual Requests 10,424 Annual Marked																								

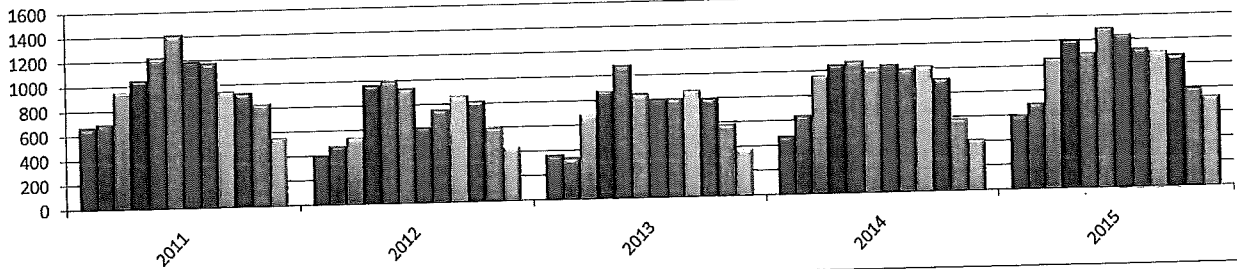
## Blues Stakes Requests 2015



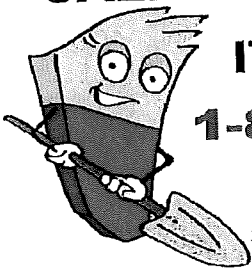
## Blue Stakes Requests Processed Monthly

	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2011	666	696	955	1047	1225	1404	1191	1174	941	921	832	554	11,606
2012	397	476	539	964	992	927	611	756	859	815	597	434	8,367
2013	363	335	682	873	1079	842	799	801	862	793	581	372	8,382
2014	474	636	961	1045	1071	1008	1040	994	1015	912	582	409	10,147
2015	600	693	1055	1198	1094	1292	1238	1121	1094	1065	795	727	11,972
Avg.	547	617	696	1,062	1,247	1,176	1,066	1,078	1,009	974	792	531	11,016

## 5- Year Blue Stakes Requests Summary



**CALL BEFORE YOU DIG.  
IT'S FREE &  
IT'S THE LAW.**



(TOLL-FREE)

**1-800-662-4111**

**208-2100**

(SALT LAKE METRO)

205 WEST 700 SOUTH, SUITE 101  
SALT LAKE CITY, UTAH 84101

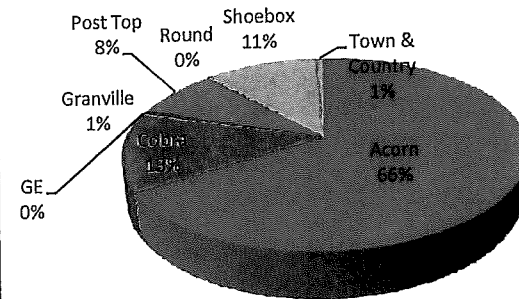


# Street Lights

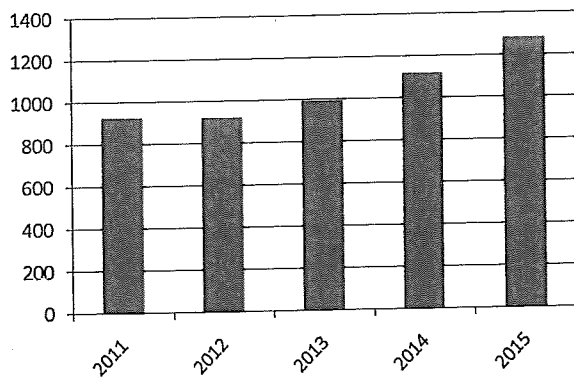


Variety	Count	% of Type
Acorn	5,196	66.51%
Cobra	1,027	13.15%
GE	8	0.10%
Granville	57	0.73%
Post Top	628	8.04%
Round	13	0.17%
Shoebox	837	10.71%
Town & Country	46	0.59%
<b>Total Count</b>	<b>7,812</b>	

### Types of Street Lights

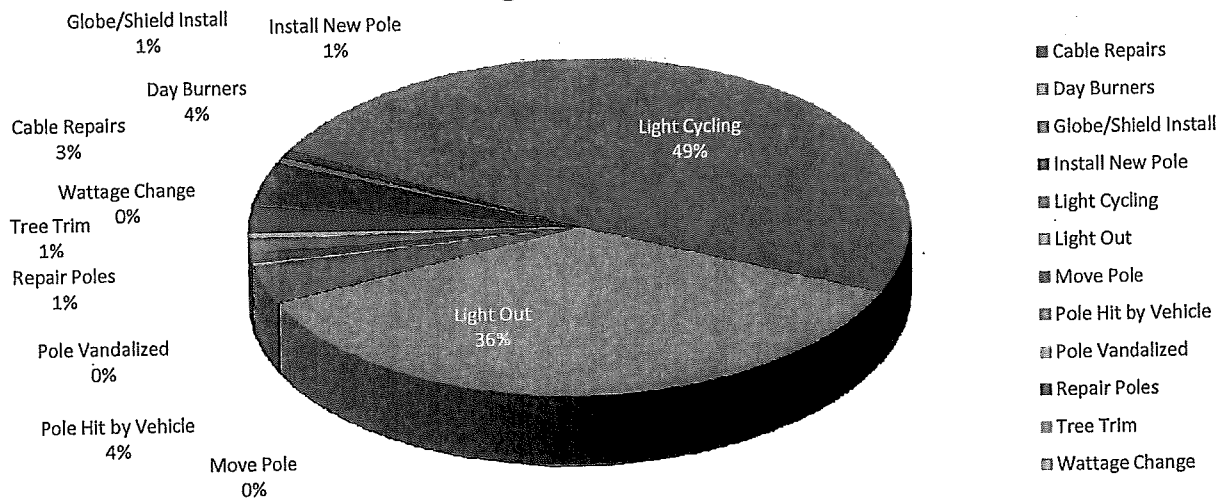


### 5 Year Repair Comparison



2015 Repairs	Count	Cost of Repairs	Average Cost per Repair
Cable Repairs	35	\$ 10,333.05	\$ 295.23
Day Burners	55	\$ 1,283.30	\$ 23.33
Globe/Shield Install	8	\$ 536.72	\$ 67.09
Install New Pole	10	\$ 11,144.85	\$ 1,114.49
Light Cycling	642	\$ 26,449.55	\$ 41.20
Light Out	478	\$ 25,101.06	\$ 52.51
Move Pole	1	\$ 1,010.17	\$ 1,010.17
Pole Hit by Vehicle	49	\$ 51,107.02	\$ 1,043.00
Pole Vandalized	3	\$ 2,352.70	\$ 784.23
Repair Poles	13	\$ 1,402.22	\$ 107.86
Tree Trim	19	\$ 1,678.43	\$ 88.34
Wattage Change	6	\$ 673.31	\$ 112.22
<b>Total</b>	<b>1,281</b>	<b>\$ 133,072.38</b>	<b>\$ 103.88</b>

### Percentage of Repairs 2015

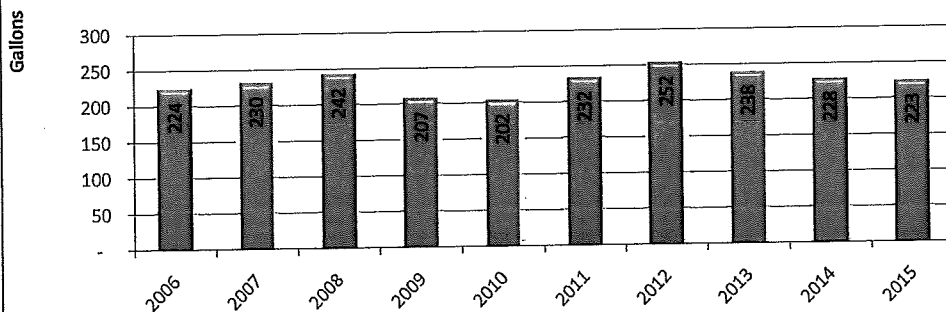


# Conservation



Gallons per Capita per Day (GCD)			
YEAR	Service Population*	System Consumption	GPCD
2002	98,207	8,376,080,962	234
2003	98,366	7,875,282,096	219
2004	98,525	7,999,097,040	222
2005	98,686	7,478,932,152	208
2006	99,587	8,131,937,556	224
2007	100,675	8,462,350,470	230
2008	101,414	8,953,733,778	242
2009	102,340	7,721,691,147	207
2010	93,388	6,899,569,074	202
2011	84,871	7,192,495,600	232
2012	85,217	7,852,960,000	252
2013	86,030	7,477,646,610	238
2014	86,791	7,211,673,544	228
2015	90,803	7,393,299,410	223

**10-Year Summary Gallons per Capita per Day**



Service projects led by individual volunteers, eagle scouts, and church programs totaled **141.5** hours and included **45** volunteers.

- Classes on the following topics were given:
- Landscaping with Native Plants
  - Wild Plant Tales
  - Trees: Maintenance & Facts
  - Irrigation Systems



