

Summary of Operations

2022



Table of Contents

<i>Public Utilities Mission Statement</i>	<i>1</i>
<i>Deliveries</i>	<i>2</i>
<i>Water Sources</i>	<i>3</i>
<i>Consumption & Bill Data</i>	<i>4</i>
<i>Budget Summary - Water</i>	<i>5</i>
<i>Budget Summary - Storm Water</i>	<i>6</i>
<i>Budget Summary - Street Lights</i>	<i>7</i>
<i>Main Line Breaks</i>	<i>8</i>
<i>Distribution - Wells</i>	<i>9</i>
<i>Distribution - Storage Tanks</i>	<i>10</i>
<i>Booster Stations</i>	<i>11</i>
<i>Safety</i>	<i>12</i>
<i>Flood Claims</i>	<i>13</i>
<i>Blue Stakes</i>	<i>14</i>
<i>Street Lights</i>	<i>15</i>
<i>Conservation</i>	<i>16</i>
<i>Volunteers and Visitors</i>	<i>17</i>
<i>AquaHawk</i>	<i>18</i>

Note: All data is reported by a calendar year time period, with the exception of the budget summaries, which are reported in a fiscal year time period.

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.

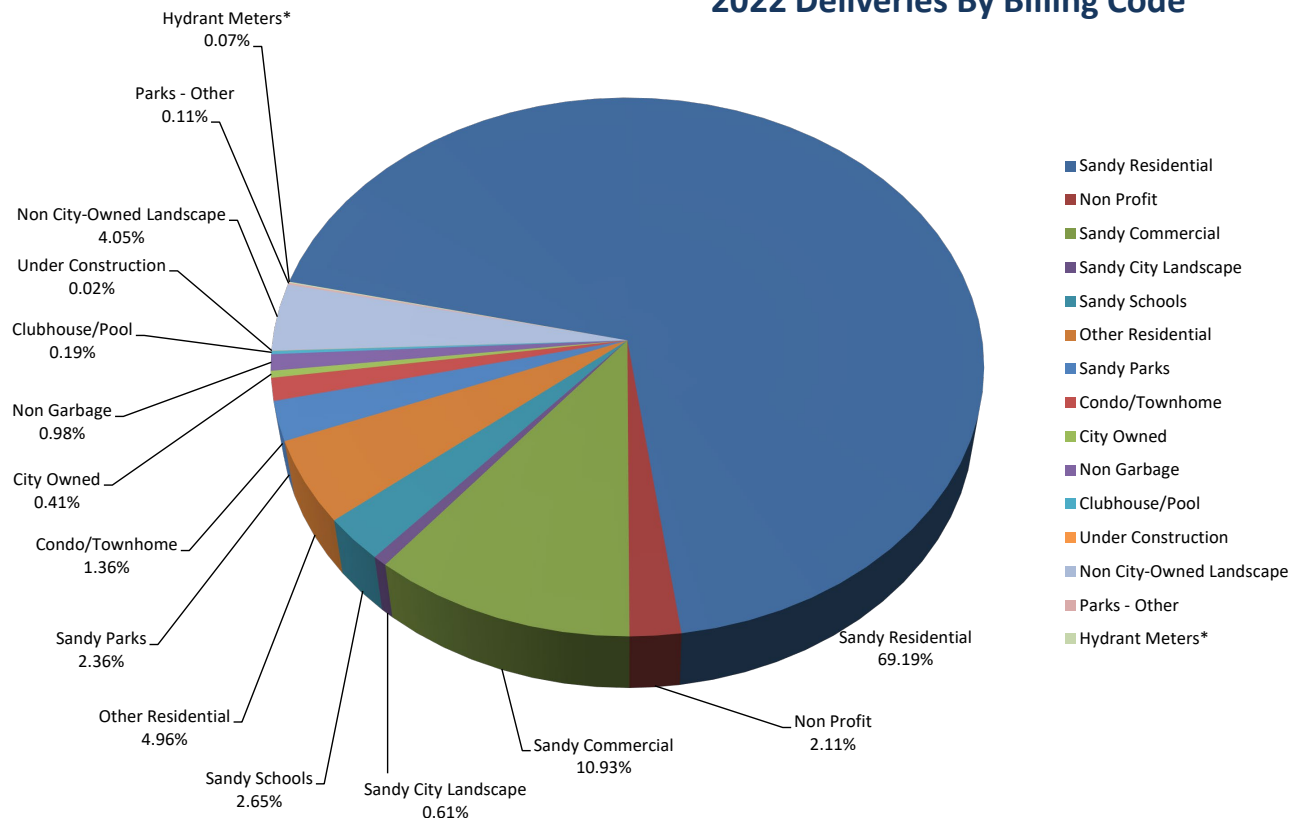
Deliveries



Billing Code	2021		2022	
	Gallons	% of Total	Gallons	% of Total
Sandy Residential	4,790,691,570	70.40%	4,324,454,920	69.19%
Non Profit	123,624,930	1.82%	132,050,400	2.11%
Sandy Commercial	710,820,110	10.45%	683,042,290	10.93%
Sandy City Landscape	53,811,570	0.79%	37,986,080	0.61%
Sandy Schools	183,648,770	2.70%	165,561,620	2.65%
Other Residential	307,047,670	4.51%	310,098,740	4.96%
Sandy Parks	164,574,110	2.42%	147,749,940	2.36%
Condo/Townhome	85,800,250	1.26%	84,756,370	1.36%
City Owned	41,045,100	0.60%	25,823,540	0.41%
Non Garbage	22,554,630	0.33%	61,335,210	0.98%
Clubhouse/Pool	12,724,870	0.19%	11,937,580	0.19%
Under Construction	1,630,390	0.02%	954,730	0.02%
Non City-Owned Landscape	292,343,640	4.30%	253,211,580	4.05%
Parks - Other	6,699,860	0.10%	6,718,730	0.11%
Hydrant Meters*	8,184,160	0.12%	4,203,548	0.07%
Total	6,805,201,630	100.00%	6,249,885,278	100.00%

*Note: Hydrant Meter data was not calculated in our consumption numbers submitted to the State of Utah.

2022 Deliveries By Billing Code

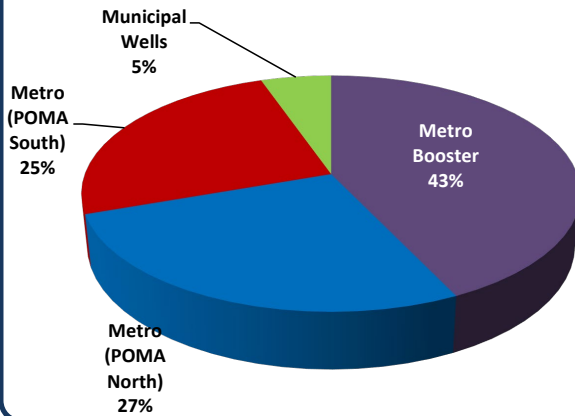


Water Source Supplies

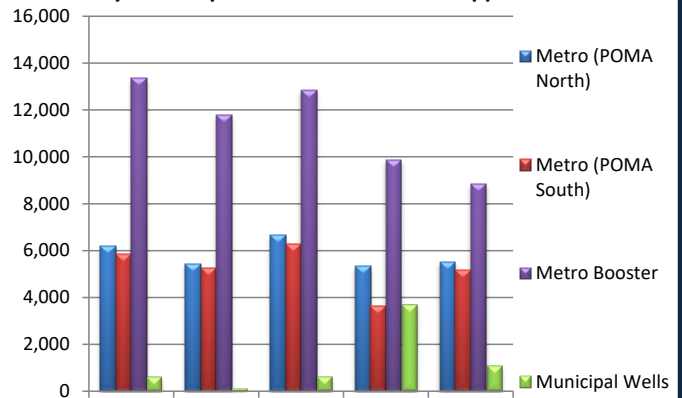


	CY 2018 (AF)	CY 2019 (AF)	CY 2020 (AF)	CY 2021 (AF)	CY 2022 (AF)	5 Year Avg.	
Metro Booster	13,340	11,765	12,845	9,852	8,836	11,328	48%
Metro (POMA North)	6,178	5,434	6,646	5,324	5,512	5,819	25%
Metro (POMA South)	5,849	5,239	6,261	3,649	5,155	5,231	22%
Municipal Wells	625	135	633	3,671	1,100	1,233	5%
Total Acre Footage Supplied*	25,992	22,573	26,385	22,496	20,603	23,610	100%

Water Sources 2022

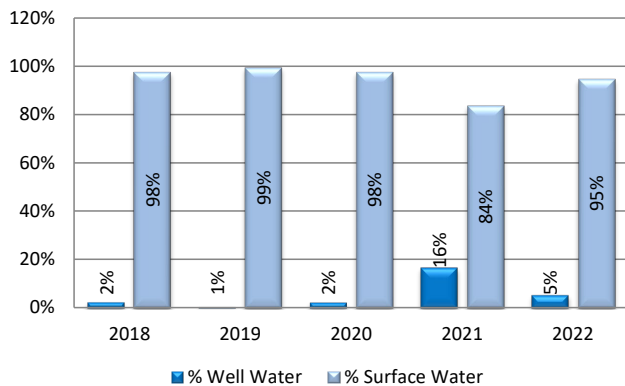


5 year Comparison Water Sources Supplies

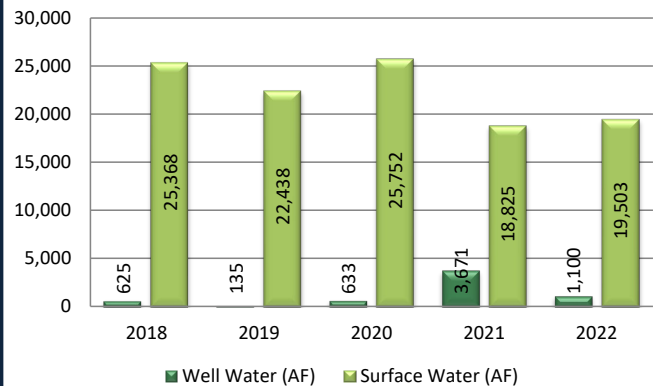


	Well Water (AF)	% Well Water	Surface Water (AF)	% Surface Water	Annual Total (AF)
2018	625	2%	25,368	98%	25,992
2019	135	1%	22,438	99%	22,573
2020	633	2%	25,752	98%	26,385
2021	3,671	16%	18,825	84%	22,496
2022	1,100	5%	19,503	95%	20,603

**Well Water - Surface Water
Annual Percentage**



**Well Water - Surface Water
Annual Volume**



Consumption and Bill Data



Water Rate Structure (Overage costs = Per 1,000 gallons)

	Meter Size	2018	2019	2020	2021	2022	Block Tier Rates (3/4")
Monthly Minimum Base Rate	3/4"	\$13.74	\$14.43	\$14.43	\$14.43	\$14.43	Block 1 \$1.64
	1"	\$17.89	\$18.78	\$18.78	\$18.78	\$18.78	Block 2 \$2.53
	1 1/2"	\$22.04	\$23.14	\$23.14	\$23.14	\$23.14	Block 3 \$2.98
	2"	\$33.45	\$35.12	\$35.12	\$35.12	\$35.12	Block 4 \$3.42
	3"	\$117.47	\$123.34	\$123.34	\$123.34	\$123.34	Block 5 \$5.08
	4"	\$148.58	\$156.01	\$156.01	\$156.01	\$156.01	
	6"	\$221.19	\$232.25	\$232.25	\$232.25	\$232.25	
	8"	\$304.18	\$319.39	\$319.39	\$319.39	\$319.39	
	10"	\$418.28	\$439.19	\$439.19	\$439.19	\$439.19	

*Block 5 was adopted in 2022.

Day and Per Capita Consumption

	Annual Consumption	Annual Gallons Per Capita	Annual Consumption (acre-feet)*	GPD	GPD per Capita
2018	7,547,476,527	80,507	23,162	20,678,018	221
2019	6,558,376,530	69,175	20,127	17,968,155	190
2020	8,265,253,830	86,204	25,365	22,644,531	236
2021	6,805,201,630	70,183	20,884	18,644,388	192
2022	6,249,885,278	63,736	19,180	17,122,973	175

*Does not include appx. 2,000 AF/year supplied to Midvale

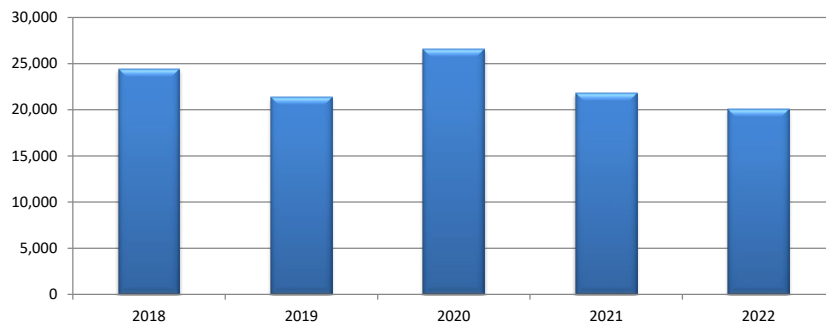
Average Water Bill

	Connections	Annual Water Revenue	Avg. Annual Bill	Avg. Monthly bill	Avg. Monthly Use (gallons)
2018	25,736	\$22,281,593	\$865.78	\$72.15	24,439
2019	25,603	\$21,838,407	\$852.96	\$71.08	21,346
2020	25,902	\$23,555,583	\$909.41	\$75.78	26,591
2021	25,954	\$24,757,017	\$953.88	\$79.49	21,850
2022	25,998	\$19,568,572	\$752.70	\$62.72	20,033

Service Population

2018	93,749
2019	94,809
2020	95,880
2021	96,964
2022	98,059

5 - Yr Average Monthly Use



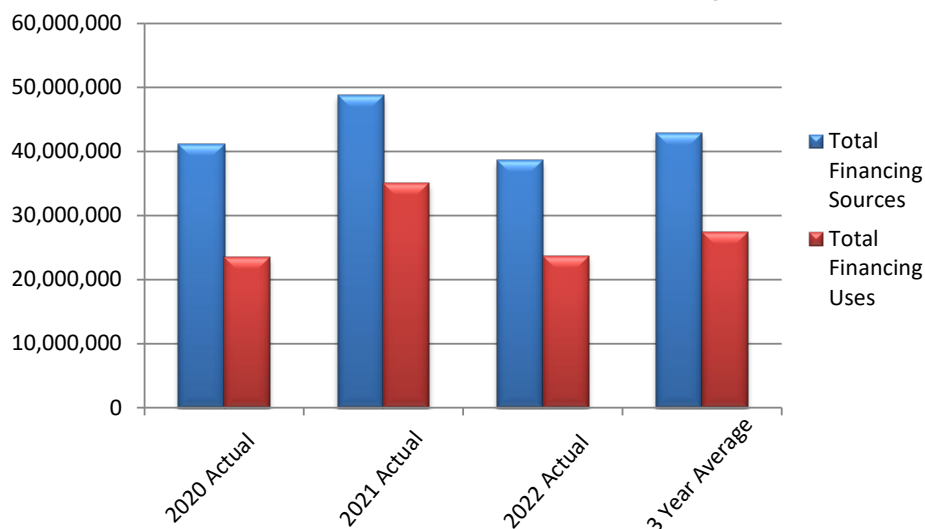
Budget Summary - Water



Water Fund	2020 Actual	2021 Actual	2022 Actual	3 Year Average
Financing Sources:				
Charges for Sales & Services	23,555,583	24,757,017	19,568,572	22,627,057
Miscellaneous Revenue	354,882	136,455	545,566	345,634
Bond Proceeds	-	8,401,624	-	2,800,541
Fees from Developers	483,238	393,939	397,601	424,926
Other Income	156,324	19,396	7,639	61,120
Transfer from Reserves	16,655,840	15,102,507	18,039,622	16,599,323
Total Financing Sources	41,205,867	48,810,938	38,559,000	42,858,602

Financing Uses:				
Personnel Services	2,343,172	2,372,277	2,679,788	2,465,079
Materials & Supplies	512,768	478,483	516,698	502,650
External Services	1,002,887	833,901	542,208	792,999
Internal Services	1,612,298	1,814,797	1,949,548	1,792,214
Cost of Sales & Services	6,489,359	6,564,365	6,982,298	6,678,674
Equipment and Improvements	15,522	24,160	47,538	29,073
Depreciation	-	4,853,598	-	1,617,866
Capitalized Labor	1,290,561	1,285,811	1,452,721	1,343,031
Capitalized Material & Supplies	5,893	5,021	6,497	5,804
Capitalized Internal Services	202,211	30,248	229,194	153,884
Capital Outlays	8,182,319	6,164,803	7,613,236	7,320,119
Debt Service	1,796,534	10,665,982	1,652,823	4,705,113
Total Financing Uses	23,453,524	35,093,446	23,672,549	27,406,506

3 - Year Water Fund Summary



Budget Summary - Storm Water

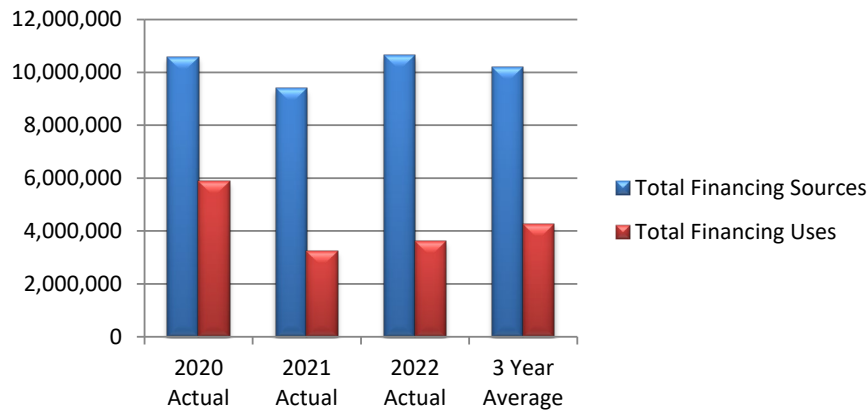
Fiscal Year



Storm Water Fund	2020 Actual	2021 Actual	2022 Actual	3 Year Average
Financing Sources:				
Charges for Sales & Services	4,136,800	4,125,709	4,155,693	4,139,401
Miscellaneous Revenue	93,553	36,330	-37,747	30,712
Fees from Developers	295,206	484,175	388,706	389,362
Inter-Governmental Revenue	502,030	50,000	-	184,010
Other Income	410,836	3,700	6,075	140,204
Transfer from Reserves	5,132,405	4,683,587	6,141,024	5,319,005
Total Financing Sources	10,570,830	9,383,501	10,653,751	10,202,694

Financing Uses:				
Personnel Services	951,571	1,018,597	1,064,050	1,011,406
Materials & Supplies	143,326	150,776	151,727	148,610
External Services	44,409	38,951	37,361	40,240
Internal Services	191,643	160,458	190,866	180,989
Cost of Sales & Services	18,107	18,112	32,000	22,740
Equipment and Improvements	3,367	6,896	8,492	6,252
Capitalized Labor	408,517	412,876	434,198	418,530
Capitalized Material & Supplies	37,255	35,033	34,227	35,505
Capitalized Internal Services	1,046,909	428,277	334,525	603,237
Capital Outlays	2,658,584	512,299	883,923	1,351,602
Debt Service	383,555	460,200	457,400	433,718
Total Financing Uses	5,887,243	3,242,475	3,628,769	4,252,829

3 - Year Storm Water Fund Summary

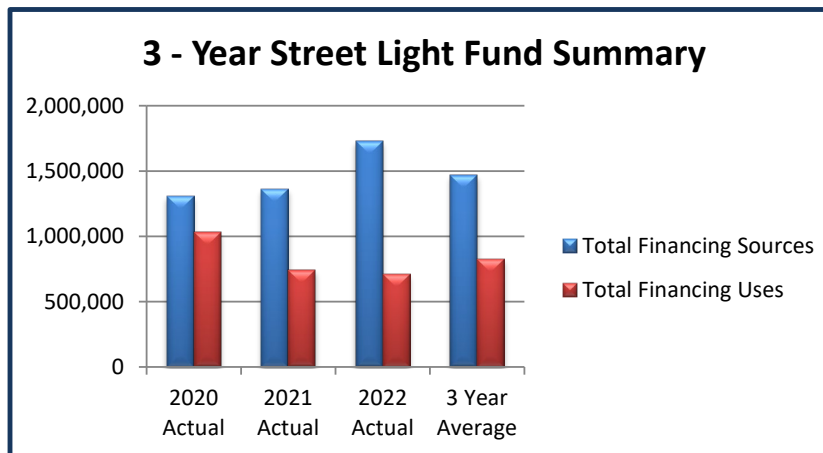


Budget Summary - Street Lights



Fiscal Year

Street Light Fund	2020 Actual	2021 Actual	2022 Actual	3 Year Average
Financing Sources:				
Miscellaneous Revenues	4,046	1,902	4,047	3,332
Charges for Sales & Services	1,082,665	1,076,955	1,085,365	1,081,662
Other Income	9,961	11,181	18,265	13,136
Transfer In - General Fund	-	-	-	-
Prior Year Carryover	209,024	275,222	622,631	368,959
Total Financing Sources	1,305,696	1,365,260	1,730,308	1,467,088
Financing Uses:				
Personnel Services	222,185	215,494	234,587	224,089
Materials & Supplies	408,361	299,552	196,334	301,416
External Services	8,715	8,173	12,996	9,961
Internal Service	179,979	164,115	172,817	172,304
Cost of Sales & Services	-	-	1,476	492
Equipment & Improvements	3,358	5,621	1,053	3,344
Capitalized Internal Services	-	-	2,363	788
Capital Outlays	207,877	49,569	89,258	115,568
Total Financing Uses	1,030,475	742,524	710,884	827,961

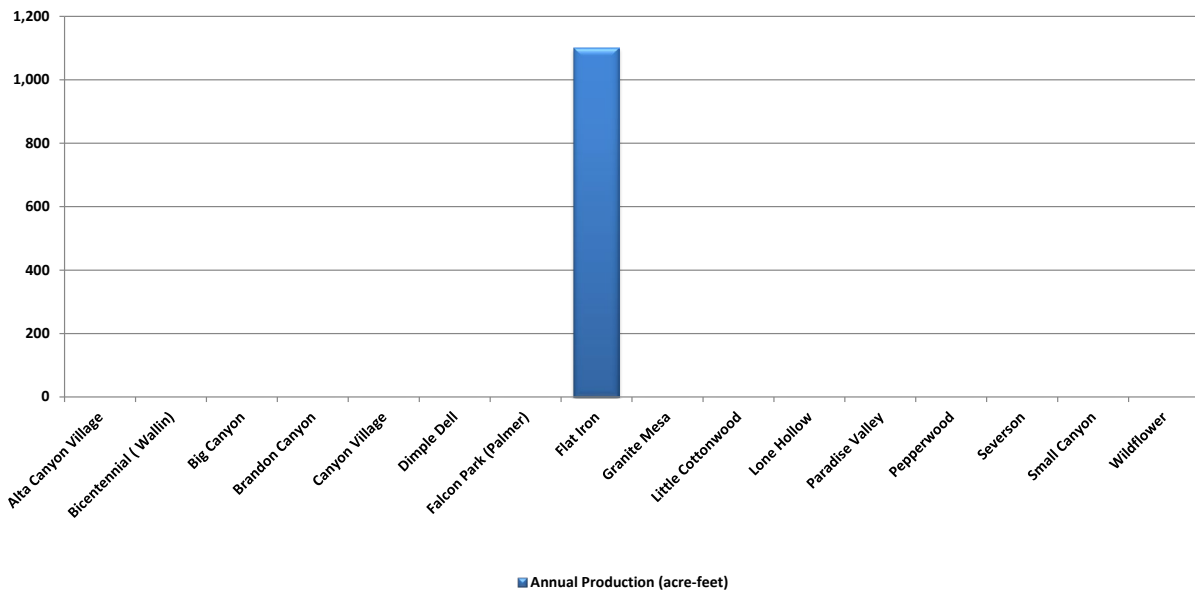


Distribution



Active Wells 2022					
Name	Well Capacity (mgd)	Well Condition	Zone Pressure	Horse Power	Annual Production (acre-feet)
Alta Canyon Village	2.88	Good	116	450	0
Bicentennial (Wallin)	4.32	Fair	90	450	0
Big Canyon	1.44	Fair	10	75	0
Brandon Canyon	1.50	Good	114	250	0
Canyon Village	2.59	Good	131	450	0
Dimple Dell	5.76	Excellent	80	1,250	0
Falcon Park (Palmer)	3.02	Good	36	400	0
Flat Iron	2.16	Excellent	4	400	1,100
Granite Mesa	1.87	Good	70	250	0
Little Cottonwood	2.52	Good	140	400	0
Lone Hollow	2.23	Excellent	124	600	0
Paradise Valley	2.88	Excellent	86	600	0
Pepperwood	4.32	Good	27	1,000	0
Severson	2.30	Excellent	70	500	0
Small Canyon	0.86	Good	N/A	40	0
Wildflower	2.88	Good	107	500	0
Total Annual Production					1,100

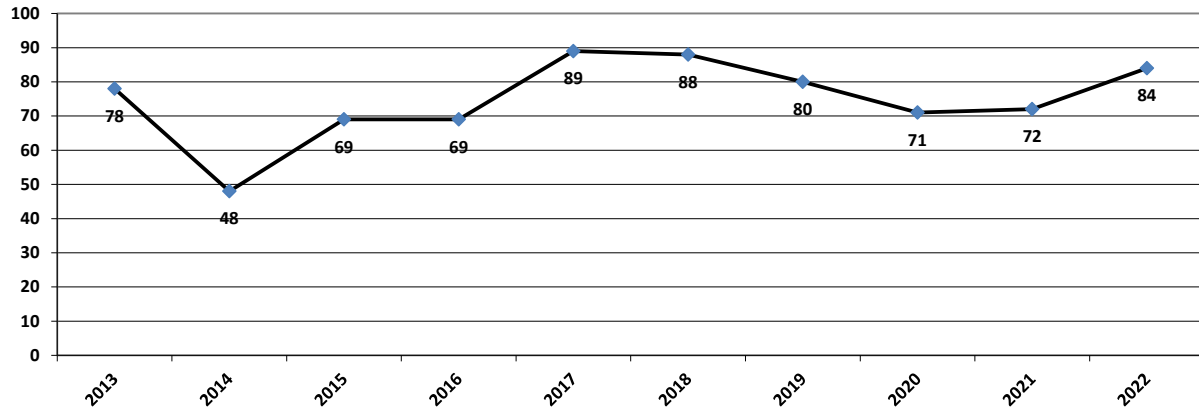
2022 Municipal Wells Production



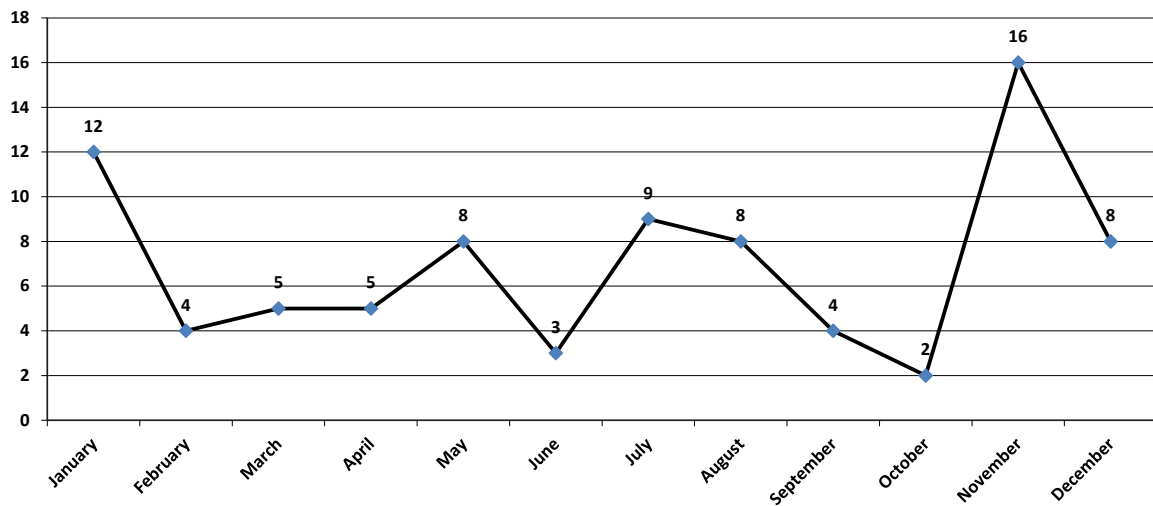
Main Line Breaks



10 - Year Main Line Pipe Break History



2022 Main Line Pipe Breaks - 84 Total



Storage Tanks



Pressure Zone	Tank	Construction		Year & Condition
		Capacity (mg)	Type	
1	A-1	0.65	Concrete	1982 - Good
1	High Bench	4.5	Concrete	1998 - Good
2	Granite	5.0	Concrete	2009 - Excellent
2	Pepperwood	3.0	Concrete	2014 - Excellent
3	Hand	4.0	Concrete	1979 - Good
3	Southeast	4.0	Concrete	1984 - Good
4	New Flat Iron	5.0	Concrete	2019 - Excellent
5	Zone 5	8.0	Concrete	1990 - Good
6	Granite Mesa	3.0	Concrete	1979 - Fair
		37.15		



Booster Stations



BOOSTER NAME	DESIGN (GPM)	CAPACITY (MGD)	ZONE	PUMP SIZE IN (HP)	PUMP TYPE
A-1 BOOSTER	1,000	4.3	1 AND 1-B	100	LINE SHAFT
BOOSTER #1	4,500	6.4	2	200	LINE SHAFT
GRANITE MESA	2,500	3.6	4	100	LINE SHAFT
HIGH BENCH	6,000	8.6	1	350	LINE SHAFT
METRO BOOSTER	12,520	18.0	2 / 3	200 / 300	LINE SHAFT
FALCON PARK	2,100	3.0	3	100 / 200	LINE SHAFT
PEPPERWOOD	9,000	12.96	2	300	LINE SHAFT

Safety



Calendar Year	Avg # of Employees	Number of Employee Hours Worked ^a	Workers Compensation Claims				Days of Restricted Work	Total Incurred Costs of Workers Comp. Claims
			Lost Work Day Cases ^b	Cases w/o Lost Work Days ^c	Total Cases	Total Lost Work Days ^d		
2013	63	115,920	0	2	2	0	0	\$ 174
2014	58	106,720	0	9	9	68	68	\$ 3,915
2015	64	117,760	0	3	3	0	0	\$ 468
2016	64	117,760	0	2	2	0	0	\$ 1,271
2017	64	117,760	0	5	7	2	12	\$ 1,189
2018	64	117,760	1	1	1	0	0	\$ 74
2019	64	117,760	0	2	3	0	35	\$ 3,170
2020	59	108,560	0	1	1	0	0	\$ 165
2021	66	121,440	0	0	0	0	0	\$ -
2022	66	121,440	0	0	0	0	0	\$ -

a- Number of employees x1840 (1840 hours is the average # of hours an employee works per year).

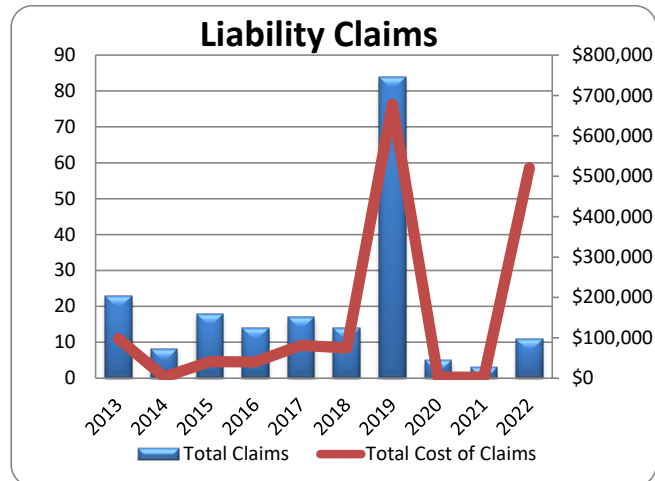
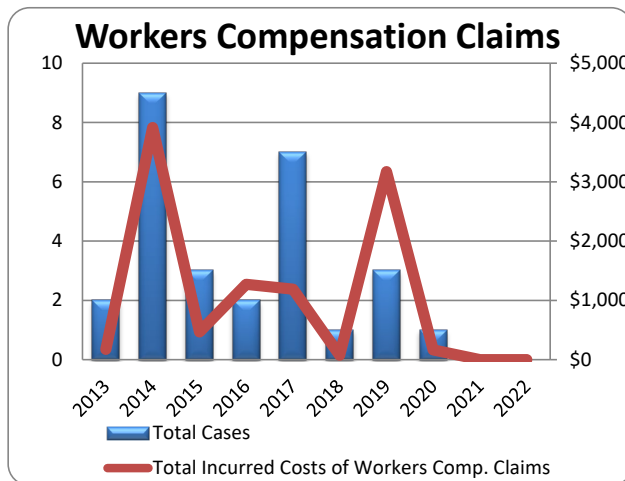
b- Cases where employees missed work due to a work-related injury.

c- Cases where injury did not stop an employee from coming to work.

d- Days away from work + days of restricted activity.

Liability Claims		
2013	23	\$97,983
2014	8	\$2,968
2015	18	\$41,175
2016	14	\$40,332
2017	17	\$81,708
2018	14	\$74,826
2019	84	\$678,634
2020	5	\$3,172
2021	3	\$2,364
2022	11	\$521,004
Totals	197	\$1,544,166

* Safety claim information has been updated. Previous years data may have changed.



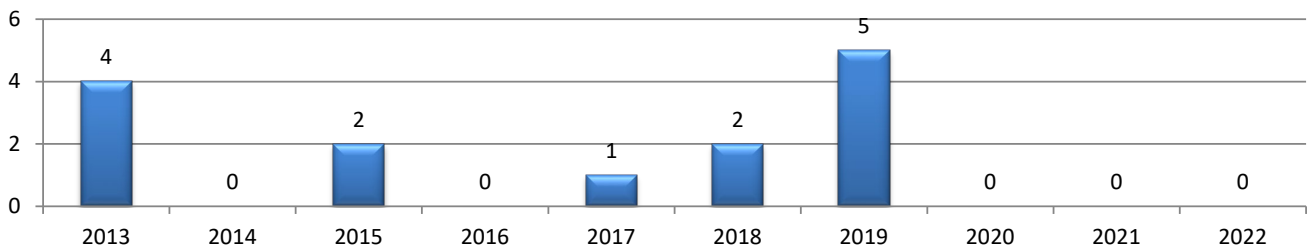
Flood Claims



Year	# of Storm Flood Claims	Cost of Flood Claims	Average Cost of Claim
2013	4	\$41,317	\$10,329
2014	0	\$0	-
2015	2	\$26,884	\$13,442
2016	0	\$0	-
2017	1	\$953	\$953
2018	2	\$3,691	\$1,846
2019	5	\$253,965	\$50,793
2020	0	\$0	-
2021	0	\$0	-
2022	0	\$0	-
Totals	17	\$492,713	\$28,983



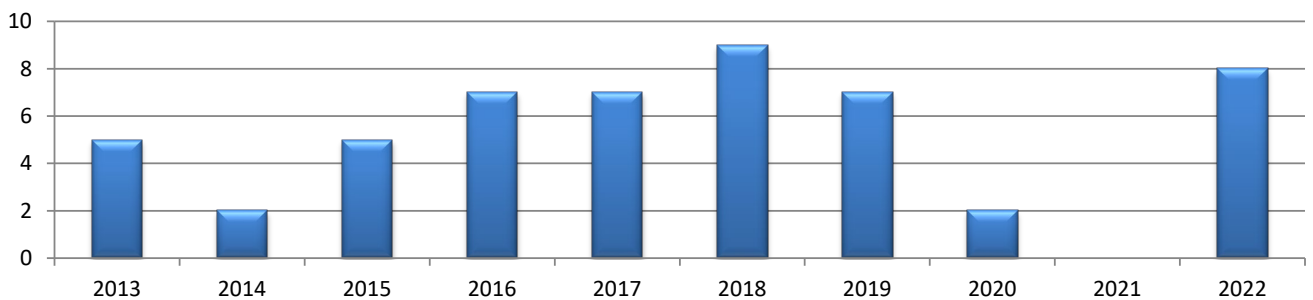
Number of Storm Flood Claims



Year	# of Line Break Flood Claims	Cost of Flood Claims	Average Cost of Claim
2013	5	\$42,976	\$8,595.20
2014	2	\$2,681	\$1,340.50
2015	5	\$11,757	\$2,351.40
2016	7	\$36,810	\$5,258.57
2017	7	\$76,086	\$10,869.43
2018	9	\$71,001	\$7,889.04
2019	7	\$217,442	\$31,063.14
2020	2	\$915	\$457.50
2021	0	\$0	-
2022	8	\$520,128	\$65,016.00
Totals	52	\$979,796	\$18,842



Number of Water Line Break Flood Claims



* Flood claim information has been updated. Previous years data may have changed.

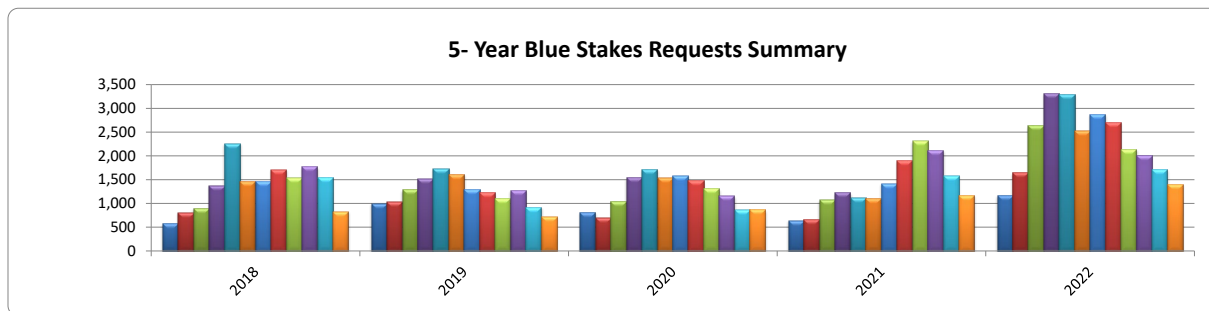
Blue Stakes Requests



Monthly Blue Stakes Requests 2022											
Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
1,158	1,636	2,625	3,310	3,288	2,525	2,865	2,707	2,127	2,007	1,708	1,401
27357 Annual Requests											



Blue Stakes Requests Processed Monthly													
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2018	577	810	887	1,381	2,253	1,454	1,450	1,714	1,542	1,762	1,548	824	16,202
2019	1,000	1,024	1,279	1,510	1,730	1,603	1,292	1,222	1,087	1,265	916	721	14,649
2020	804	689	1,039	1,535	1,707	1,538	1,579	1,470	1,301	1,151	866	858	14,537
2021	639	648	1,070	1,221	1,123	1,104	1,420	1,886	2,310	2,112	1,580	1,160	16,273
2022	1,158	1,636	2,625	3,310	3,288	2,525	2,865	2,707	2,127	2,007	1,708	1,401	27,357
Avg.	836	961	1,380	1,791	2,020	1,645	1,721	1,800	1,673	1,659	1,324	993	17,804



**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



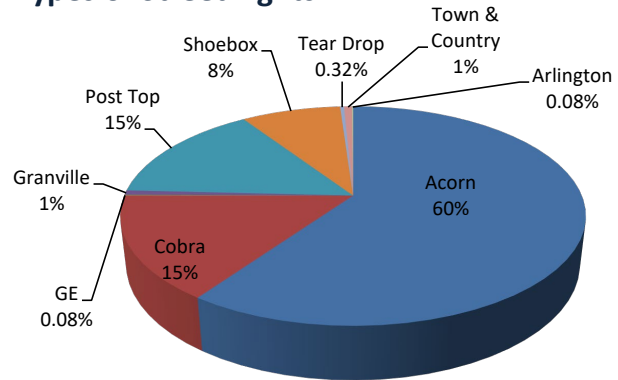

Street Lights



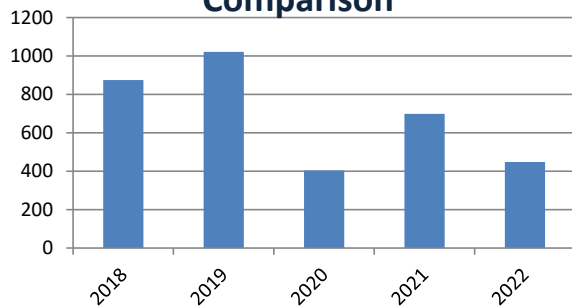
Variety	Count	% of Type
Acorn	5,033	59.77%
Cobra	1,285	15.26%
GE	7	0.08%
Granville	58	0.69%
Post Top	1,253	14.88%
Shoebox	694	8.24%
Tear Drop	27	0.32%
Town & Country	57	0.68%
Arlington	7	0.08%
Total Count	8,421	100.00%

LED Lights	Count	% of Type
LED retrofit 4000k	5,351	63.54%
LED retrofit 3000k	1,038	12.33%
LED non-retrofit	1,944	23.09%
Total Count	8,333	98.95%

Types of Street Lights

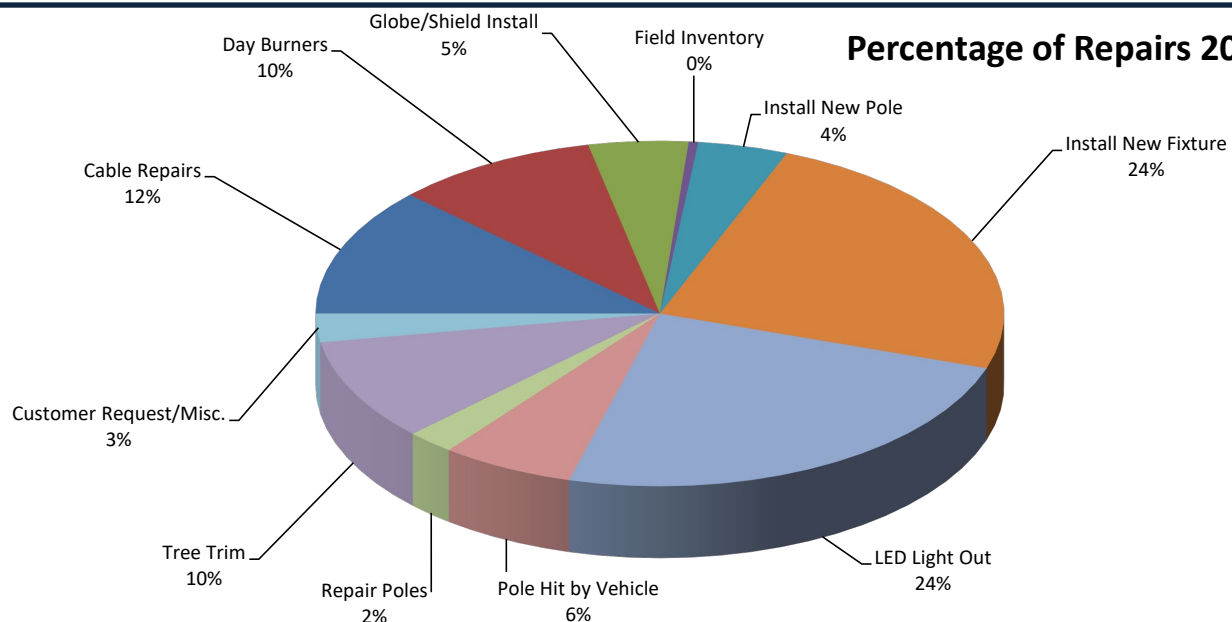


5-Year Total Repair Comparison



2022 Major Repairs	Count	Cost of Repairs	Average Cost per Repair
Cable Repairs	54	\$ 12,152.55	\$ 225.05
Day Burners	43	\$ 1,361.27	\$ 31.66
Globe/Shield Install	21	\$ 3,171.55	\$ 151.03
Field Inventory	2	\$ 132.38	\$ 66.19
Install New Pole	19	\$ 33,843.69	\$ 1,781.25
Install New Fixture	108	\$ 47,388.02	\$ 438.78
LED Light Out	108	\$ 13,013.05	\$ 120.49
Pole Hit by Vehicle	28	\$ 54,896.09	\$ 1,960.57
Repair Poles	10	\$ 3,356.19	\$ 335.62
Tree Trim	43	\$ 4,200.74	\$ 97.69
Customer Request/Misc.	12	\$ 1,566.21	\$ 130.52
Total	448	\$ 175,081.74	\$ 390.81

Percentage of Repairs 2022

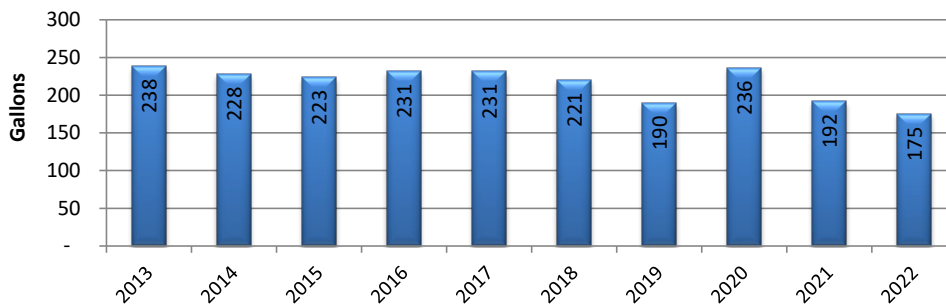


Conservation



Gallons per Capita per Day (GPCD)			
YEAR	Service Population*	System Consumption	GPCD
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	90,642	7,393,299,410	223
2016	91,666	7,745,441,870	231
2017	92,702	7,829,867,950	231
2018	93,749	7,547,476,527	221
2019	94,809	6,558,376,530	190
2020	95,880	8,265,253,830	236
2021	96,964	6,805,201,630	192
2022	98,059	6,249,885,278	175

10-Year Summary Gallons per Capita per Day



Sandy City Rebates

Year	Smart Controllers	Flip Your Strip	Localscapes	Toilet	Total
2020	241	-	-	48	289
2021	296	6	2	55	359
2022	217	59	15	126	417

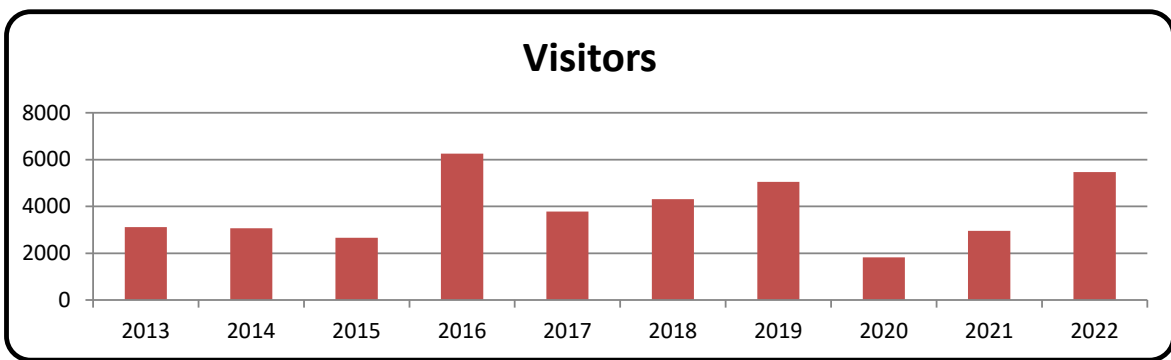
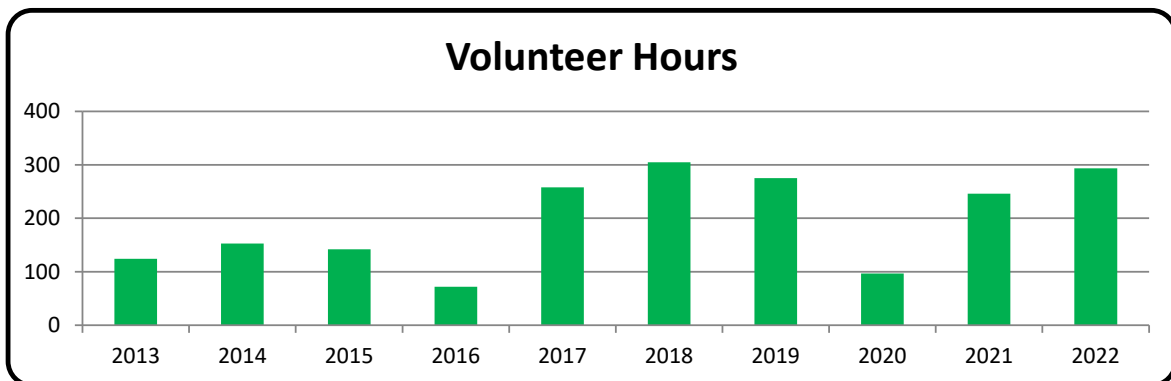
Sego Lily Gardens Volunteers and Visitors



Volunteers at Sego Lily Gardens	
Year	Hours
2013	124
2014	153
2015	142
2016	72
2017	258
2018	305
2019	275
2020	97
2021	246
2022	294
Total	1,966

Group Visitors to Garden		
Organization/Company	Visitors	Date
Bridge Investment Group	24	4/22/2022
Nice In Contact	7	9/8/2022
Nice In Contact	7	9/15/2022

Month	Visitors
April	516
May	1231
June	802
July	954
August	987
September	970
Total	5,460



Customer Notifications 2022				
Month	Email	Phone	Text	Total
January	478	8	286	772
February	397	9	224	630
March	441	9	245	695
April	531	11	273	815
May	1,327	47	721	2,095
June	1,799	53	931	2,783
July	2,565	75	1,382	4,022
August	1,669	54	992	2,715
September	1,573	47	874	2,494
October	961	25	599	1,585
November	334	10	213	557
December	356	11	234	601
Total	12,431	359	6,974	19,764

