



**Water Reclamation
2024 Executive Summary**

MEASURES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2024	Projected Year End	2023
Sanitary Sewer Overflows (SSO's)															
Number of SSO's	1	0	1	0	4	2	1	0	0	0			10	12	8
Average of past 3 years	0.7	1.3	0.3	0.3	0.7	0.7	0	0.3	0	1			5.3	6.4	9.3
Odor Complaints															
Total	5	1	5	5	8	7	15	7	11	20			99	119	68
Collection system	2	0	1	0	0	0	1	2	1	5			13	16	5
Private system	3	1	4	3	7	5	10	4	9	14			70	84	46
Unknown source	0	0	0	2	1	2	4	1	1	1			16	19	17
Average Daily Flows, Influent (MGD)															
FWRC Avg Daily Flows, Influent (MGD)	107.686	107.972	109.56	111.99	113.013	114.45	117.75	116.151	114.48	115.54			112.859	112.267	108.172
DBWRC Avg Daily Flows, Influent (MGD)	0	0	0	0	0	0	0	0	0	0			0	0	0
LWRC Avg Daily Flows, Influent (MGD)	1.366	1.485	1.51	1.49	1.564	1.74	1.888	1.777	1.617	1.648			1.609	1.57	1.61
Searchlight Treatment Ponds Avg Daily Flows, (MGD)	0.045	0.045	0.039	0.038	0.042	0.045	0.046	0.044	0.042	0.042			0.043	0.042	0.039
Moapa Valley Treatment Fac. Daily Flows, (MGD)	0.165	0.178	0.183	0.189	0.17	0.152	0.147	0.147	0.146	0.148			0.163	0.162	0.155
Blue Diamond Treatment Ponds Avg Daily Flows (MGD)	0.009	0.01	0.011	0.012	0.012	0.009	0.008	0.012	0.015	0.027			0.013	0.012	0.014
Indian Spngs Treatment Fac. Avg Daily Flows (MGD)	0.165	0.11	0.115	0.118	0.136	0.125	0.133	0.135	0.13	0.127			0.129	0.133	0.145
Average Daily Reclaimed Water (MGD)															
FWRC Average Daily Reclaimed Water (MGD)	9.06	8.523	109.3	111.32	111.98	10.23	12.22	11.72	10.98	10.41			40.574	35.294	9.783
LWRC Average Daily Reclaimed Water (MGD)	0	0	1.32	1.32	1.35	0	0	0	0	0			0.399	0.333	0
DBWRC Average Daily Reclaimed Water (MGD)	0	0	0	0	0	0	0	0	0	0			0	0	0
Accounts															
Number of Residential	255,989	256,605	257,015	257,211	257,373	257,529	257,810	258,617	259,085	260,038			257,569	257,215	255,403
Number of Commercial	9,726	9,734	9,742	9,749	9,759	9,760	9,771	9,961	9,774	9,786			9,772	9,763	9,719
Connection Fees Paid (SDA's)															
Residential	\$1,176,638	\$1,135,032	\$1,078,350	\$959,258	\$1,367,926	\$1,427,881	\$1,080,281	\$683,927	\$732,466	\$914,084			\$11,732,481	\$14,078,977	\$6,667,470
Commercial	\$2,649,021	\$741,567	\$945,299	\$5,225,249	\$901,959	\$898,030	\$1,570,685	\$774,268	\$1,052,941	\$2,147,842			\$19,555,882	\$23,467,058	\$14,477,590
Capital Plan															
Active Engineering Consultant Contracts	48	48	48	47	48	49	49	50	49	51			49	52	49
Contract Value (consultant)	\$113,567,970	\$113,567,970	\$113,567,970	\$111,635,100	\$112,284,950	\$113,337,396	\$113,649,577	\$116,767,871	\$115,767,521	\$117,367,421			\$114,151,375	\$121,567,421	\$114,368,170
Active Construction Projects	33	33	33	35	32	30	39	37	45	42			36	47	30
Contract Value (construction)	\$876,576,337	\$876,593,937	\$876,780,468	\$858,158,490	\$865,897,946	\$866,854,902	\$897,563,035	\$897,789,359	\$899,126,905	\$895,146,945			\$881,048,832	\$904,055,992	\$845,569,163
Construction Projects Outreach															
Inquiries	3	4	2	12	4	3	2	3	4	5			42	50	74
Water Quality															
Industrial Site Stormwater Inspections	6	18	11	13	28	11	5	17	13	24			146	175	312
Construction Site Stormwater Inspections	182	136	157	146	175	202	192	114	106	198			1,608	1,930	1,865
Stormwater complaints	28	33	29	40	50	36	39	31	27	35			348	418	378

NOTES & HIGHLIGHTS

For Column Q in YTD, it is a simple summation of all the values throughout the specified year up until the specified month (ex. if March and 2023 is inputted, all the values for 2023 from January up to March are added and displayed).

For Column R in YTD, it is an average of the last 12 months of data that may include what has also been inputted for the year (i.e. it takes the current data for the year and combines it with its predictions based on the last year to get an end of year measurement). Additionally, MGD stands for Millions Gallons Per Day and SDA stands for System Development Approval. Customers need to have approval to connect to the system because our engineers need to determine that the pipes can handle the additional flow or if an expansion needs to be performed.



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MEASURES	October		Annual					2023-2024 % Δ
	2023	2024	2020	2021	2022	2023	Projected 2024	
Sanitary Sewer Overflows (SSO's)								
Number of SSO's	1	0	14	7	7	8	12	50.00%
Average of past 3 years	0.7	1	5.3	9	9.3	9.3	6.4	-31.43%
National Standard			40.8	40.8	27.2			0.00%
Odor Complaints								
Total	6	20	130	96	75	68	119	74.71%
Collection system	0	5	11	14	12	5	16	212.00%
Private system	5	14	102	72	43	46	84	82.61%
Unknown source	1	1	17	10	20	17	19	12.94%
Average Daily Flows, Influent (MGD)								
FWRC Avg Daily Flows, Influent (MGD)	111.22	115.54	99.422	105.639	106.434	108.172	112.267	3.79%
DBWRC Avg Daily Flows, Influent (MGD)	0	0	0	0	0	0	0	0.00%
LWRC Avg Daily Flows, Influent (MGD)	1.551	1.648	1.65	1.66	1.69	1.61	1.57	-2.49%
Searchlight Treatment Ponds Avg Daily Flows, (MGD)	0.041	0.042	0.032	0.035	0.042	0.039	0.042	9.56%
Moapa Valley Treatment Fac. Daily Flows, (MGD)	0.144	0.148	0.167	0.164	0.268	0.155	0.162	4.25%
Blue Diamond Treatment Ponds Avg Daily Flows (MGD)	0.014	0.027	0.017	0.018	0.014	0.014	0.012	-10.87%
Indian Spngs Treatment Fac. Avg Daily Flows (MGD)	0.151	0.127	0.113	0.12	0.099	0.145	0.133	-7.88%
Average Daily Reclaimed Water (MGD)								
FWRC Average Daily Reclaimed Water (MGD)	9.49	10.41	7.613	9.227	10.182	9.783	35.294	260.79%
LWRC Average Daily Reclaimed Water (MGD)	0	0	0.763	1.246	0.339	0	0.333	0.00%
DBWRC Average Daily Reclaimed Water (MGD)	0	0	0	0	0	0	0	0.00%
Accounts								
Number of Residential	254,472	260,038	236,428	242,545	249,128	255,403	257,215	0.71%
Number of Commercial	9,697	9,786	9,334	9,454	9,599	9,719	9,763	0.45%
Connection Fees Paid (SDA's)								
Residential	\$61,875	\$914,084	\$8,113,344	\$19,489,966	\$10,573,368	\$6,667,470	\$14,078,977	111.16%
Commercial	\$995,754	\$2,147,842	\$17,369,364	\$22,638,694	\$18,601,152	\$14,477,590	\$23,467,058	62.09%
Capital Plan								
Active Engineering Consultant Contracts	49	51	44	51	48	49	52	6.12%
Contract Value (consultant)	\$114,368,170	\$117,367,421	\$97,265,869	\$104,609,048	\$113,678,708	\$114,368,170	\$121,567,421	6.29%
Active Construction Projects	27	42	16	26	20	30	47	56.67%
Contract Value (construction)	\$846,857,546	\$895,146,945	\$146,355,451	\$231,544,490	\$286,067,134	\$845,569,163	\$904,055,992	6.92%
Construction Projects Outreach								
Inquiries	5	5	35	165	75	74	50	-31.89%
Water Quality								
Industrial Site Stormwater Inspections	20	24	564	615	344	312	175	-43.85%
Construction Site Stormwater Inspections	146	198	1,615	2,409	1,879	1,865	1,930	3.46%
Stormwater complaints	24	35	437	457	424	378	418	10.48%

NOTES & HIGHLIGHTS

For Column J in Executive Report, it is an average of the last 3 years that may include any values from the current year (ex. if 2023 is the inputted year, it will take an average from 2020-2022 and combine it with the current calendar years data). Additionally, MGD stands for Millions Gallons Per Day and SDA stands for System Development Approval. Customers need to have approval to connect to the system because our engineers need to determine that the pipes can handle the additional flow or if an expansion needs to be performed.