



City of Montgomery

Operations Report

June 2023

06/01/23 – 06/31/23

District Alerts

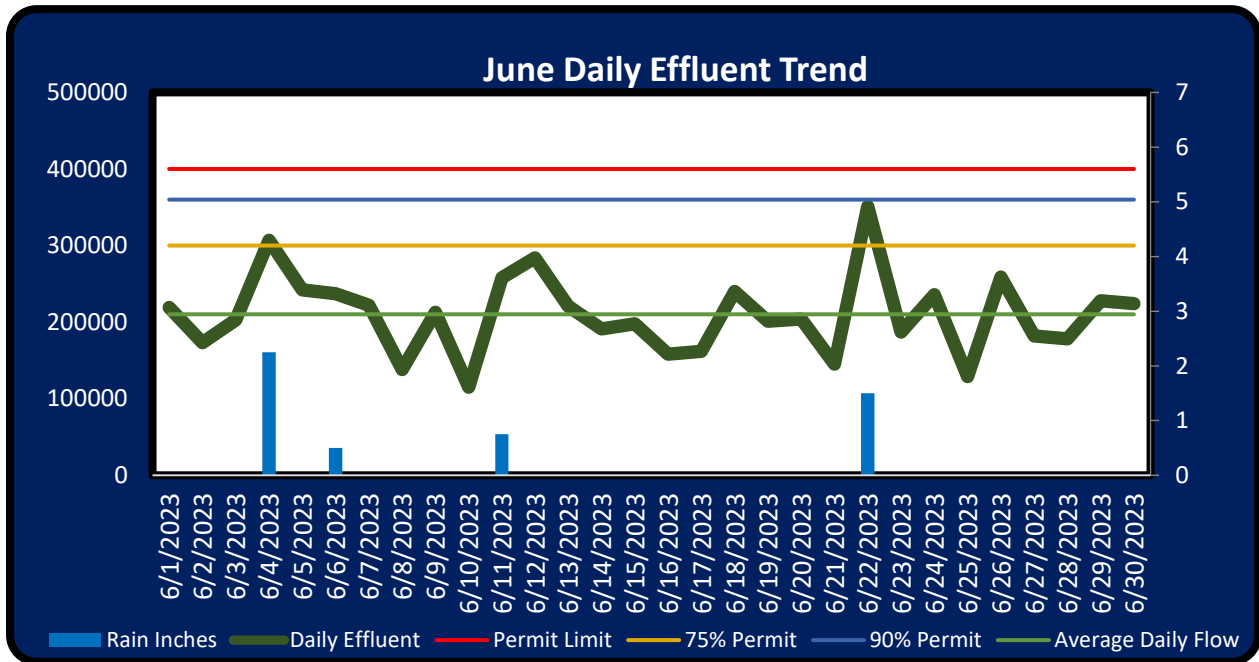
06/20/2023 – Sewer Backup; 2785 McGinnis

Resident reported sewer backup. Operator investigated and found sewer main backed up. Jetted sewer main line and cleared blockage, no further issues.

06/22/2023 – Power Failure & Wet Well High Level; Lift Station 4

Operator responded to auto dialer call out for power failure and high level wet well. Operator had wet well level pumped down. Operator attempted to reset auto dialer but it would not reset and also found keypad not working properly. Scheduled to have auto dialer replaced/repared, no further issues reported.

Wastewater Plant Flow Detail



- Flow for the month of June was 6,305,000 gallons
- Daily peak flow was June 22, 2023 was 351,000 gallons
- Average Daily Flow 210,200 gallons
 - 3-month average flow 243,600 gallons
 - 53% of permitted capacity


Discharge Limitations

- Daily Average Flow 400,000 gallons (0.4 MGD)
- 2-Hour Peak Flow 833 gpm
- CBOD daily average 10 mg/l
- Total Suspended Solids (TSS) 15 mg/l
- Ammonium Nitrogen (NH3) 2 mg/l
- Chlorine Residual >1.0 mg/l < 4.0 mg/l
- The current permit expires 05/10/2027

Effluent

TSS, DO, E.Coli, NH3N, PH sample results were all comfortable within the parameters set by the State of Texas.

Buffalo Springs WWTP Effluent Monitoring Report

Effluent Permitted Values	Parameter		Measured	Excursion
Average Monthly CBOD	10	mg/l	3.90	no
Average Monthly T.S.S.	15	mg/l	3.40	no
Average Monthly NH3	2	mg/l	0.28	no
Minimal CL2 Residual	1	mg/l	2.15	no
Max CL2 Residual	4	mg/l	3.62	no
Rainfall for the Month		5.00	inches	

There were no excursions for the month of June.

Water Report:

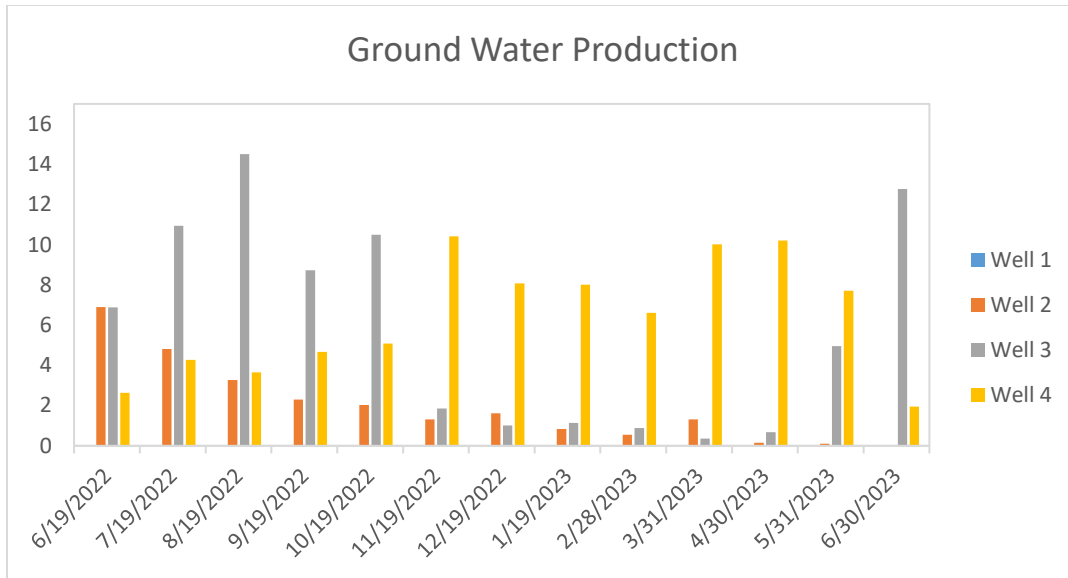
06/01/2023-06/31/2023

2023							
Well Name	Recorded Flow MGD	% of Total	Rating MGD/Day	YTD Pumpage MGD	YTD %	Permitted Value	Remaining Permit %
Well 2	0.000	0.00%	0.864	7.357	10.70%	92.930	70.58%
Well 3	12.674	86.79%	0.864	19.984	29.08%		
Well 4	1.944	13.21%	2.160	41.400	60.22%	90.000	54.00%
Total	14.618	100.00%	3.888	68.741			
Flushing	0.068						
Subtotal	14.550						
Sold	14.096						
% Accounted	97%						

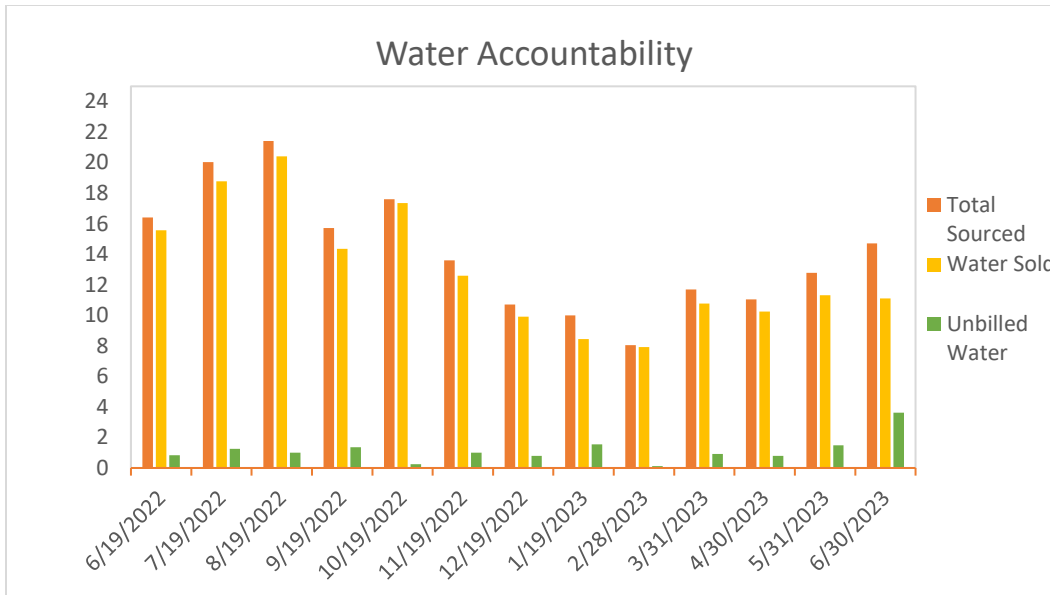
Accountability	
Total Water Sourced	14.618
Flushing	0.068
Subtotal	14.550
Sold	14.096
Accountability %	97%

LSGCD Pumpage Report	
Well 2 & 3 Pumpage (Year):	27,341,000
Well 2 & 3 Permit:	92,930,000
Well 2 & 3 Permit left:	65,589,000
Well 4 Pumpage (Year):	41,400,000
Well 4 Permit:	90,000,000
Well 4 Permit Left:	48,600,000

CONNECTIONS	
School	12
Commercial Inside	176
Commercial Outside	2
Residential Inside	946
Residential Outside	31
Church	14
City	18
Hydrant	7
Multifamily	17
n/a	3
Total	1,226



Date	Total	Well_1	Well_2	Well_3	Well_4
AVG	14.135	0.000	1.939	5.787	6.409
6/19/2022	16.410	0.000	6.894	6.876	2.640
7/19/2022	20.039	0.000	4.814	10.944	4.281
8/19/2022	21.419	0.000	3.265	14.505	3.649
9/19/2022	15.715	0.000	2.306	8.734	4.675
10/19/2022	17.598	0.000	2.024	10.497	5.077
11/19/2022	13.600	0.000	1.318	1.861	10.421
12/19/2022	10.712	0.000	1.623	1.018	8.071
1/19/2023	9.993	0.000	0.843	1.140	8.010
2/28/2023	8.041	0.000	0.546	0.886	6.609
3/31/2023	11.693	0.000	1.318	0.354	10.021
4/30/2023	11.040	0.000	0.154	0.676	10.210
5/31/2023	12.783	0.000	0.106	4.965	7.712
6/30/2023	14.718	0.000	0.000	12.774	1.944
Total	183.761	0.000	25.211	75.230	83.320



Date	Accountability	Unaccounted	Total Sourced	Water Sold	Flushing/Leaks	Unbilled Water
6/19/2022	96%	0.594	16.410	15.579	0.237	0.831
7/19/2022	96%	0.774	20.039	18.777	0.488	1.262
8/19/2022	97%	0.706	21.419	20.422	0.291	0.997
9/19/2022	93%	1.058	15.715	14.364	0.293	1.351
10/19/2022	100%	-0.023	17.598	17.352	0.269	0.246
11/19/2022	95%	0.717	13.600	12.594	0.289	1.006
12/19/2022	96%	0.384	10.712	9.917	0.411	0.795
1/19/2023	88%	1.182	9.993	8.440	0.371	1.553
2/28/2023	103%	-0.214	8.041	7.927	0.328	0.114
3/31/2023	93%	0.845	11.693	10.770	0.078	0.923
4/30/2023	94%	0.684	11.040	10.242	0.114	0.798
5/31/2023	93%	0.792	12.783	11.306	0.685	1.477
6/30/2023	97%	0.522	14.618	14.096	0.068	0.454