



City of Montgomery

Operations Report

February 2023

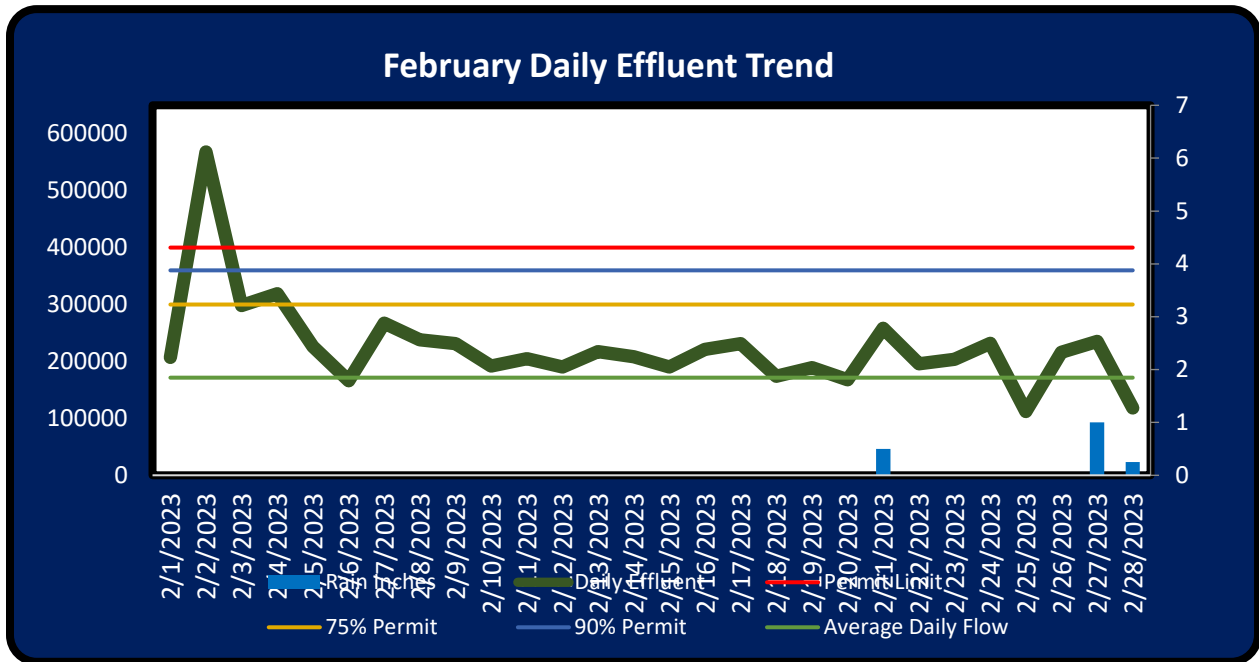
02/01/23 – 02/28/23

District Alerts

02/19/2023 – Sewer Backup, 100 Rankin St

Resident reported sewage in the street. Technician investigated, checked upstream and downstream manholes and both were flowing properly. No issues were found.

Wastewater Plant Flow Detail



- Flow for the month of February was 6,276,000 gallons
- Daily peak flow was February 2, 2023 was 568,000 gallons
- Average Daily Flow 224,100 gallons
 - 3-month average flow 224,800 gallons
 - 56% 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	2.10	no
Average Monthly T.S.S.	15	mg/l	2.20	no
Average Monthly NH3	2	mg/l	0.78	no
Minimal CL2 Residual	1	mg/l	1.81	no
Max CL2 Residual	4	mg/l	3.90	no
Rainfall for the Month		1.75	inches	

There were no excursions for the month of February.

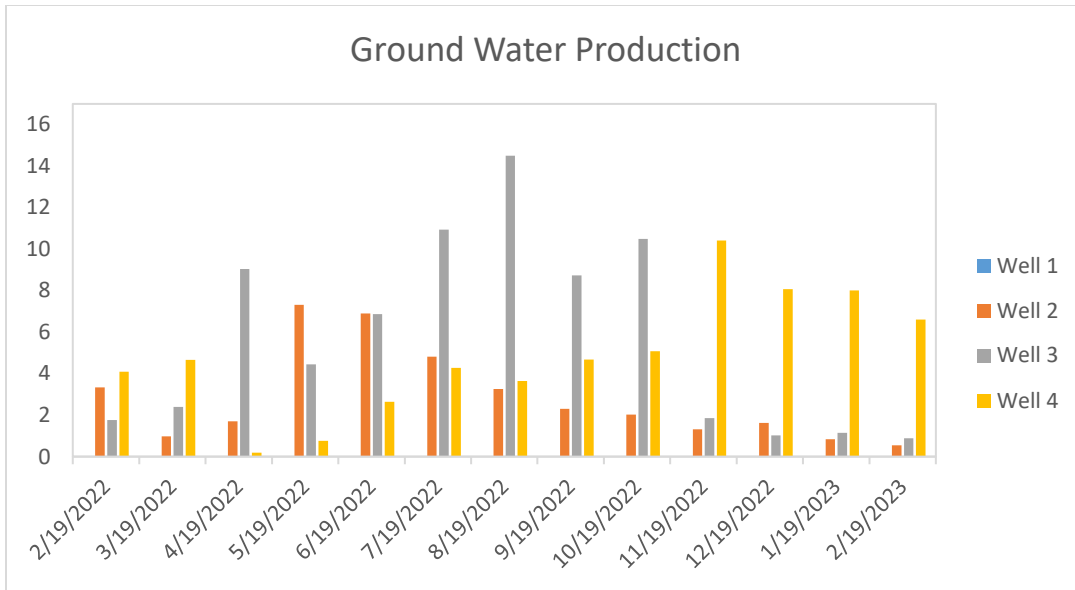
Water Report:

02/01/2023-02/28/2023

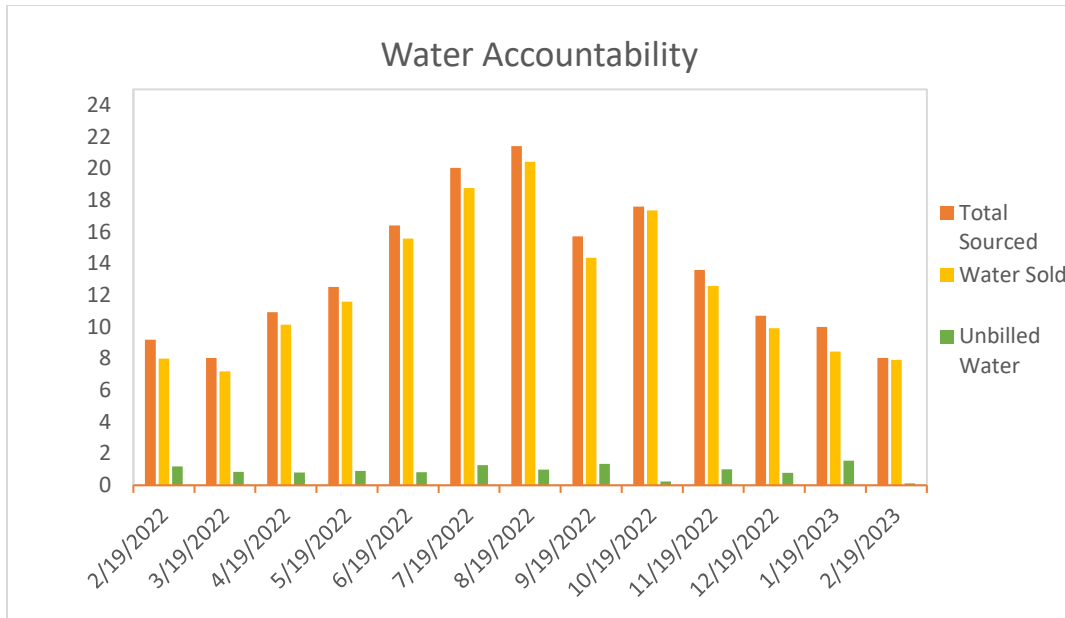
2022							
Well Name	Recorded Flow MGD	% of Total	Rating MGD/Day	YTD Pumpage MGD	YTD %	Permitted Value	Remaining Permit %
Well 2	0.546	6.79%	0.864	5.779	35.75%	92.930	92.47%
Well 3	0.886	11.02%	0.864	1.215	7.52%		
Well 4	6.609	82.19%	2.160	11.513	71.22%	90.000	87.21%
Total	8.041	100.00%	3.888	16.166	114%	182.930	
Flushing	0.328						
Subtotal	7.573						
Sold	7.901						
% Accounted	96%						

Accountability	
Total Water Sourced	8.041
Flushing	0.328
Subtotal	7.713
Sold	7.419
Accountability %	96%

CONNECTIONS	
School	12
Commercial Inside	172
Commercial Outside	2
Residential Inside	931
Residential Outside	30
Church	14
City	19
Hydrant	6
Multifamily	14
n/a	3
Total	1,203



Date	Total	Well_1	Well_2	Well_3	Well_4
AVG	13.339	0.000	2.844	5.701	4.857
2/19/2022	9.200	0.000	3.343	1.764	4.093
3/19/2022	8.036	0.000	0.977	2.394	4.665
4/19/2022	10.938	0.000	1.699	9.048	0.191
5/19/2022	12.517	0.000	7.318	4.445	0.754
6/19/2022	16.410	0.000	6.894	6.876	2.64
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	10.267	0.000	1.623	1.018	8.071
1/19/2023	9.622	0.000	0.843	1.14	8.010
2/01/2023	8.041	0.000	0.546	0.886	6.609
Total	173.402	0.000	36.97	74.112	63.136



Date	Accountability	Unaccounted	Total Sourced	Water Sold	Flushing/Leaks	Unbilled Water
2/19/2022	103%	-0.237	9.200	8.002	1.435	1.198
3/19/2022	96%	0.327	8.036	7.184	0.525	0.852
4/19/2022	96%	0.447	10.938	10.140	0.351	0.798
5/19/2022	98%	0.202	12.517	11.603	0.712	0.914
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%	1.184	9.993	8.440	0.371	1.553
2/1/2023	96%	0.294	8.041	7.419	0.328	0.622