



City of Montgomery

Operations Report

April 2023

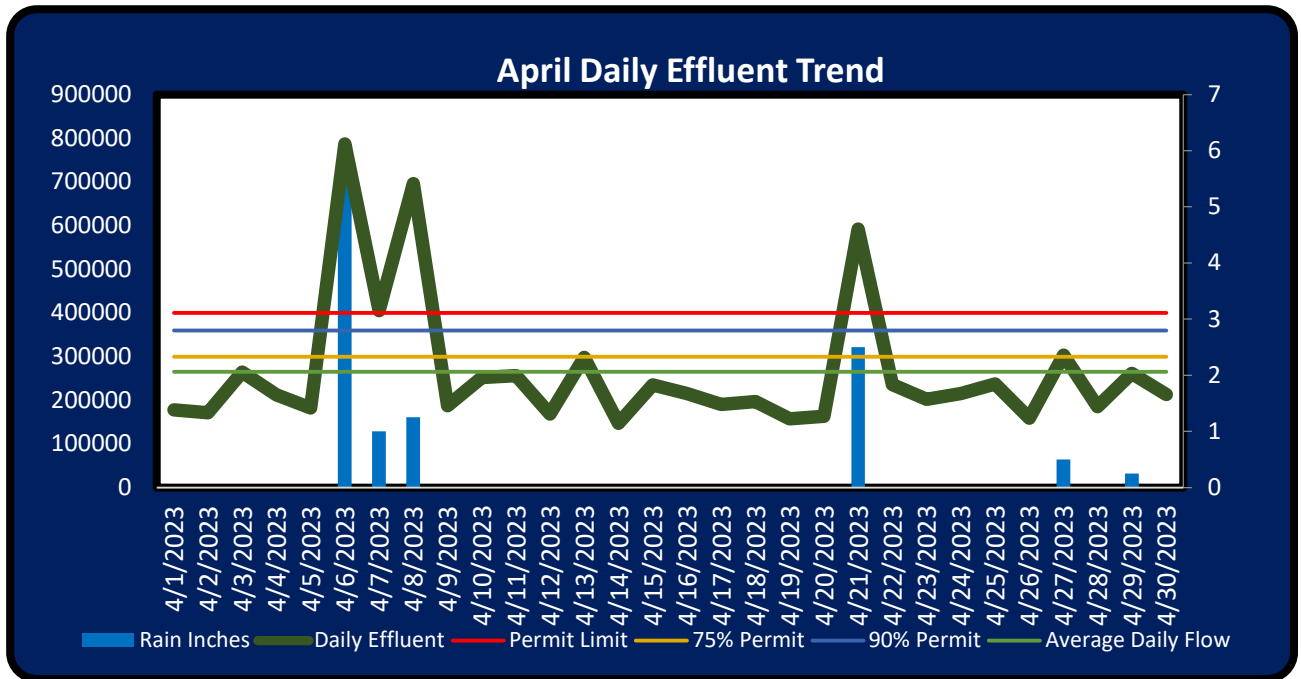
04/01/23 – 04/30/23

District Alerts

4/07/2023 – High Wet well, Lift station 5

Operator responded to a auto dialer call reporting high wet well. Upon arrival operator found pumps were not operating, operator was able to run manually. Operator then investigated and found rags causing pumps to not operate on auto, rags were removed and pumps were put back on auto, no further issues reported.

Wastewater Plant Flow Detail



- Flow for the month of April was 7,963,000 gallons
- Daily peak flow was April 6, 2023 was 787,000 gallons
- Average Daily Flow 265,400 gallons
 - 3-month average flow 229,667 gallons
 - 66% 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	9.70	no
Average Monthly NH3	2	mg/l	0.23	no
Minimal CL2 Residual	1	mg/l	1.11	no
Max CL2 Residual	4	mg/l	3.95	no
Rainfall for the Month		11.50	inches	

There were no excursions for the month of April.

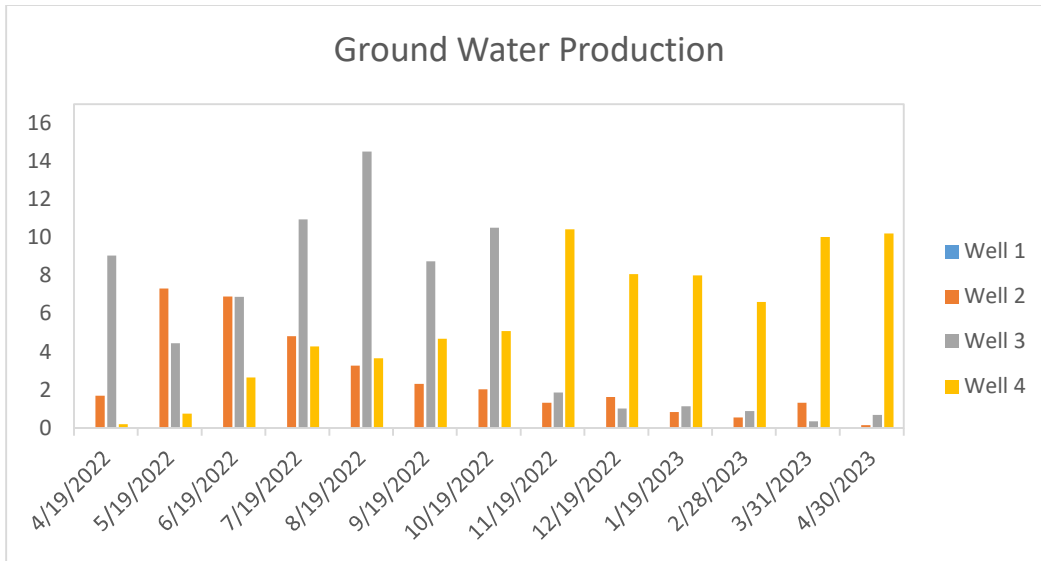
Water Report:

04/01/2023-04/30/2023

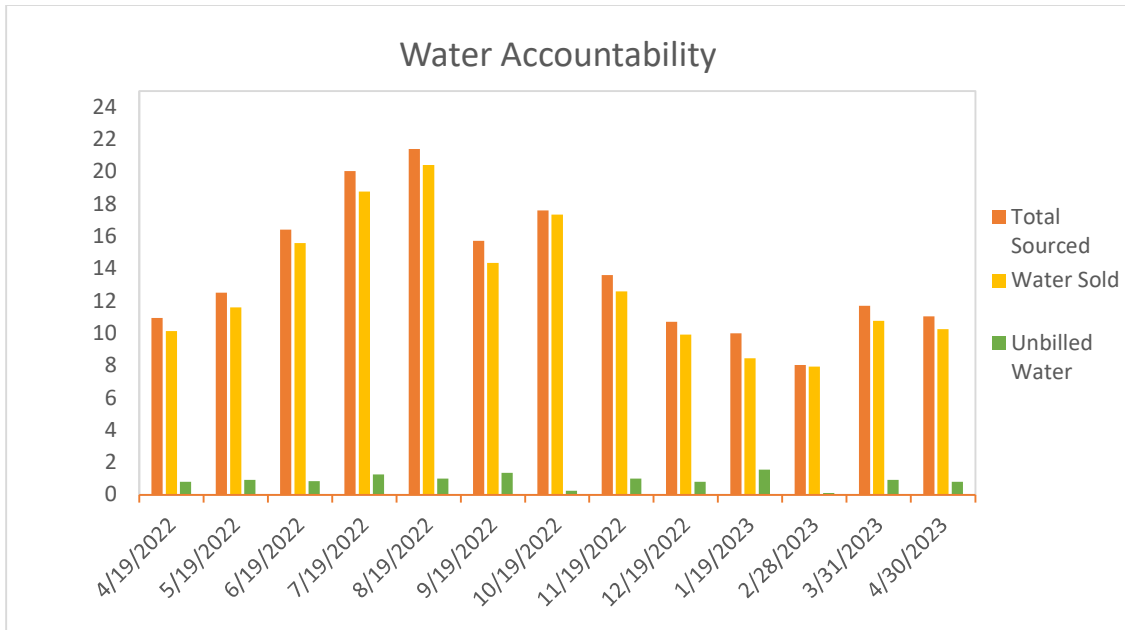
2023							
Well Name	Recorded Flow MGD	% of Total	Rating MGD/Day	YTD Pumpage MGD	YTD %	Permitted Value	Remaining Permit %
Well 2	0.154	1.39%	0.864	7.251	18.64%	92.930	89.78%
Well 3	0.676	6.12%	0.864	2.245	5.77%		
Well 4	10.210	92.48%	2.160	31.744	81.61%	90.000	64.73%
Total	11.040	100.00%	3.888	38.899	106%	182.930	
Flushing	0.114						
Subtotal	10.926						
Sold	10.242						
% Accounted	94%						

Accountability	
Total Water Sourced	11.040
Flushing	0.114
Subtotal	10.926
Sold	10.242
Accountability %	94%

CONNECTIONS	
School	12
Commercial Inside	174
Commercial Outside	2
Residential Inside	934
Residential Outside	30
Church	14
City	19
Hydrant	6
Multifamily	14
n/a	3
Total	1,208



Date	Total	Well_1	Well_2	Well_3	Well_4
AVG	13.824	0.000	2.625	5.460	5.739
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	2.640
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
Total	179.715	0.000	34.122	70.984	74.609



Date	Accountability	Unaccounted	Total Sourced	Water Sold	Flushing/Leaks	Unbilled Water
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%	1.182	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