



City of Montgomery

Operations Report

June 2022

05/18/22 – 06/17/22

District Alerts

05/21/2022— Water plant 3, Low level Ground Storage Tank (GST)

Operator was called out to facility due to auto dialer calling out for low level GST. Operator investigated and found well 3 had tripped at overload, operator reset equipment. No further issues found.

06/01/2022— Lift Station 2, High wet well

Operator was called out to facility due high wet well. Upon arrival operator found lift station high level due to control panel power tripped. Operator reset facility equipment, and all began to run normal, no further issues.

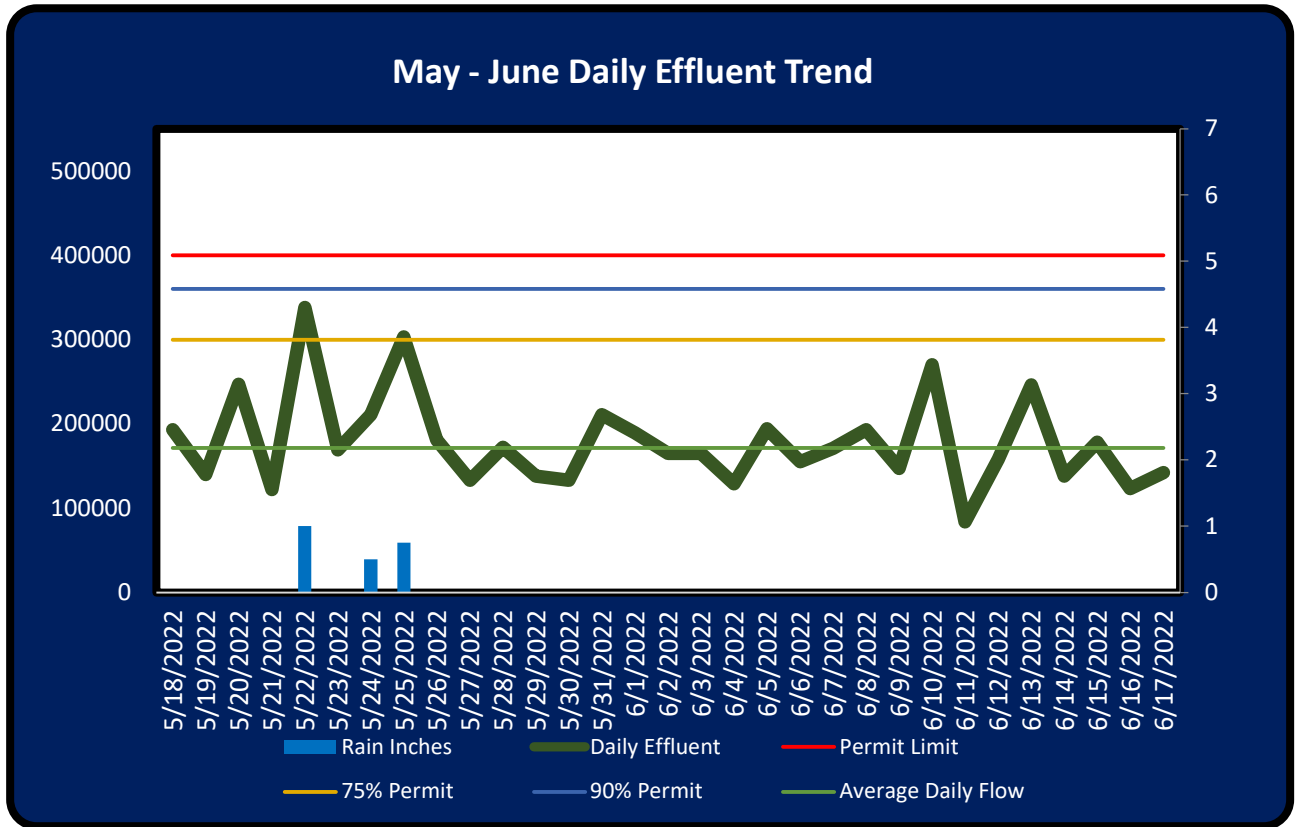
06/08/2022— Water plant 3, Low level Ground Storage Tank (GST)

Operator was called out to facility due to low level GST. Upon arrival operator facility had tripped, operator reset equipment. No further issues found.

06/16/2022 – Water plant 2, Power failure

Operator was called out to facilities due to power outage. Operator arrived at site and confirmed there was a schedule power outage due to repairs for the power company, all facilities when investigated had power. No further issues.

Wastewater Plant Flow Detail



- Flow for the month of May – June was 5,538,000 gallons
- Daily peak flow was May 22, 2022 was 338,000 gallons
- Average Daily Flow 178,600 gallons
 - 3-month average flow 191,533 gallons
 - 45% 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 06/01/2022

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 T.S.S.	15	mg/l	2.40	no
Average Monthly NH3	2	mg/l	0.22	no
Minimal CL2 Residual	1	mg/l	1.03	no
Max CL2 Residual	4	mg/l	3.81	no
Rainfall for the Month		2.25	inches	

There were no excursions for the month of June.

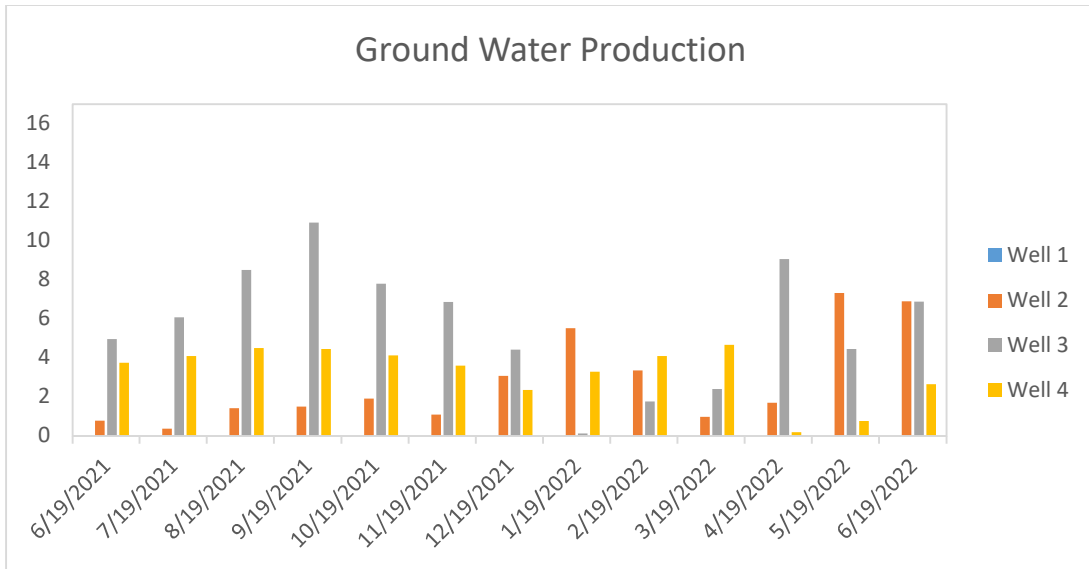
Water Report:

05/18/2022-06/17/2022

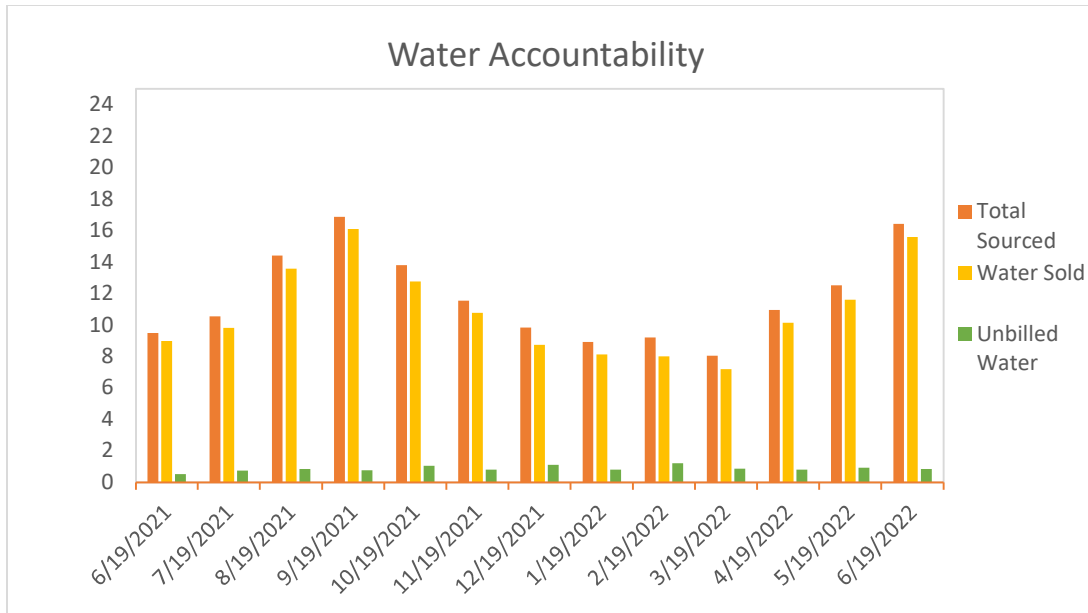
2022							
Well Name	Recorded Flow MGD	% of Total	Rating MGD/Day	YTD Pumpage MGD	YTD %	Permitted Value	Remaining Permit %
Well 2	6.894	42.01%	0.864	23.217	37.50%	92.930	49.26%
Well 3	6.876	41.90%	0.864	23.939	38.67%		
Well 4	2.640	16.09%	2.160	14.165	22.88%	90.000	84.26%
Total	16.410	100.00%	3.888	61.909	99%	182.930	
Flushing	0.254						
Subtotal	16.156						
Sold	15.579						
% Accounted	96%						

Accountability	
Total Water Sourced	15.579
Flushing	0.254
Subtotal	16.156
Sold	15.579
Accountability %	96%

CONNECTIONS	
School	12
Commercial Inside	170
Commercial Outside	2
Residential Inside	902
Residential Outside	29
Church	14
City	17
Hydrant	7
Multifamily	14
n/a	3
Total	1,170



Date	Total	Well_1	Well_2	Well_3	Well_4
AVG	11.730	0.000	2.758	5.703	3.267
6/19/2021	9.476	0.000	0.773	4.962	3.741
7/19/2021	10.538	0.000	0.372	6.073	4.093
8/19/2021	14.408	0.000	1.421	8.492	4.495
9/19/2021	16.857	0.000	1.490	10.916	4.451
10/19/2021	13.802	0.000	1.902	7.784	4.116
11/19/2021	11.545	0.000	1.088	6.855	3.602
12/19/2021	9.819	0.000	3.066	4.410	2.343
1/19/2022	8.916	0.000	5.511	0.124	3.281
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	2.640
Total	152.462	0.000	35.854	74.143	42.465



Date	Accountability	Unaccounted	Total Sourced	Water Sold	Flushing/Leaks	Unbilled Water
6/19/2021	95%	0.483	9.476	8.966	0.027	0.510
7/19/2021	95%	0.557	10.538	9.803	0.178	0.735
8/19/2021	98%	0.355	14.408	13.579	0.474	0.829
9/19/2021	97%	0.577	16.857	16.097	0.183	0.760
10/19/2021	94%	0.885	13.802	12.760	0.157	1.042
11/19/2021	97%	0.332	11.545	10.758	0.455	0.787
12/19/2021	96%	0.404	9.819	8.721	0.694	1.098
1/19/2022	96%	0.401	8.916	8.125	0.390	0.791
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	94%	0.702	12.517	11.603	0.212	0.914
6/19/2022	96%	0.594	16.410	15.579	0.254	0.831