



City of Montgomery

Operations Report

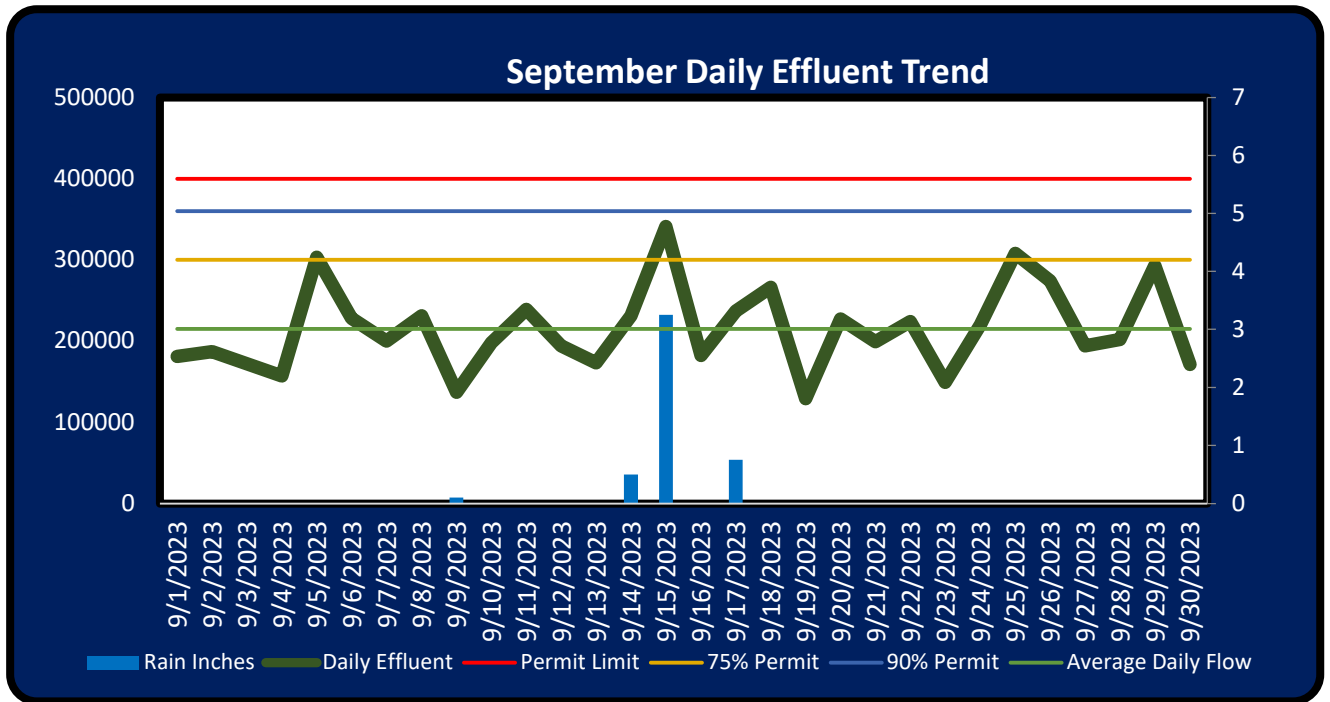
September 2023

09/01/23 – 09/30/23

District Alerts

NO DISTRICT ALERTS FOR SEPTEMBER

Wastewater Plant Flow Detail



- Flow for the month of September was 6,447,000 gallons.
- Daily peak flow was September 15, 2023, was 341,000 gallons.
- Average Daily Flow 214,900 gallons
 - 3-month average flow 207,000 gallons
 - 54% 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	2.13	no
Average Monthly T.S.S.	15	mg/l	2.20	no
Average Monthly NH3	2	mg/l	1.74	no
Minimal CL2 Residual	1	mg/l	1.02	no
Max CL2 Residual	4	mg/l	3.42	no
Rainfall for the Month		4.60	inches	

There was no excursion for the month of September.

Water Report:

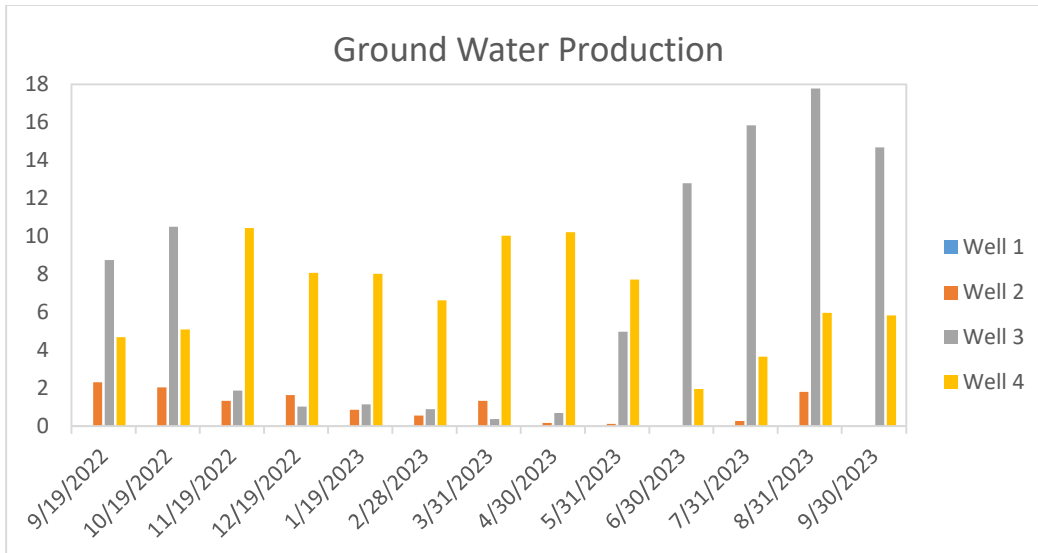
09/01/2023-09/30/2023

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	4.852	3.63%	92.930	21.33%
Well 3	14.668	71.59%	0.864	68.255	51.06%		
Well 4	5.822	28.41%	2.160	60.560	45.31%	90.000	32.71%
Total	20.490	100.00%	3.888	133.667	100%	182.930	
Flushing	0.061						
Subtotal	20.429						
Sold	19.560						
% Accounted	96%						

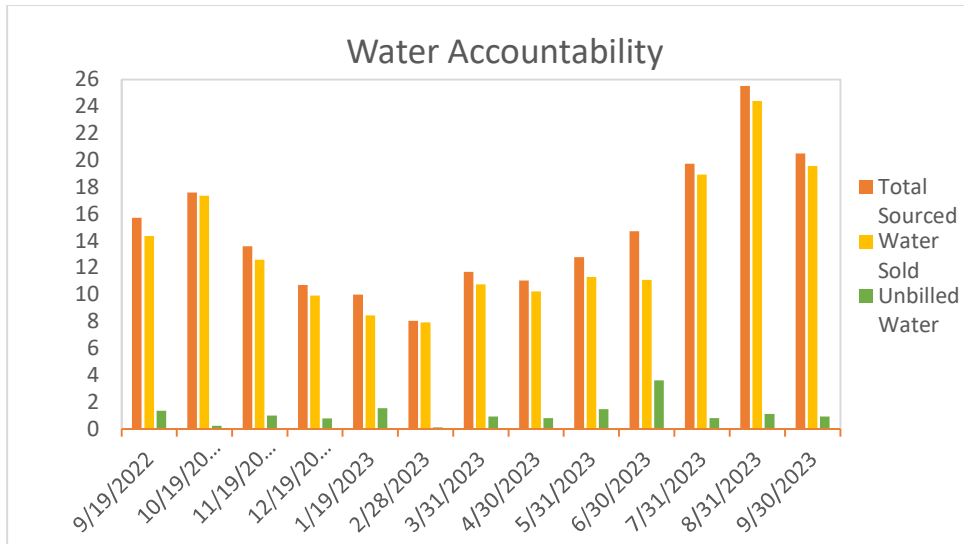
LSGCD Pumpage Report	
Water Pumped (September):	20,490,000
Permitted Pumpage:	182,930,000
Pumpage Against Permit:	133,667,000
Remaining Amount:	49,263,000

CONNECTIONS	
School	12
Commercial Inside	180
Commercial Outside	2
Residential Inside	956
Residential Outside	32
Church	14
City	18
Hydrant	7
Multifamily	17
n/a	3
Total	1241

Accountability	
Well 2 & 3 Pumpage (Year):	73.107
Well 2 & 3 Permit:	92.930
Well 2 & 3 Permit Left:	19.823
Well 4 Pumpage (Year):	60.560
Well 4 Permit:	90.000
Well 4 Permit Left:	29.440



Date	Total	Well_1	Well_2	Well_3	Well_4
AVG	14.682	0.000	0.945	7.014	6.782
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
7/31/2023	19.730	0.000	0.252	15.833	3.645
8/31/2023	25.515	0.000	1.792	17.770	5.953
9/30/2023	20.490	0.000	0.000	14.668	5.822
Total	190.868	0.000	12.282	91.176	88.170



Date	Accountability	Unaccounted	Total Sourced	Water Sold	Flushing/Leaks	Unbilled Water
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	94%	0.792	12.783	11.306	0.685	1.477
6/30/2023	80%	2.965	14.718	11.096	0.657	3.622
7/31/2023	102%	-0.437	19.730	18.927	1.240	0.803
8/31/2023	98%	0.532	25.515	24.391	0.592	1.124
9/30/2023	96%	0.869	20.490	19.560	0.061	0.930