


MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

Report for **Angola Water Works - POE #1 300 W. Mill St.**

for the Month of **May**, 2024

I.D.E.M. Field Rep. **Sophia Andrews**
Water Works Name

Signed 

Title **Water Superintendent**

Public Water Supply I.D. No. **5276001**

Certification Number **WT875160**

"I certify under penalty of law by this signature that this document was prepared by me or under my direction and the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am also aware that there are significant penalties for submitting false information."

PHYSICAL AND CHEMICAL DATA *

Date	Turbidity		Alkalinity		pH		Hardness		Iron		Manganese		Phosphate	Fluoride
	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Finished	Finished
1							23	3	5.0	0.1				0.7
2							29	9	4.8	0.0				0.7
3							27	4	3.1	0.1				0.7
4							27	2	2.3	0.1				0.7
5							29	3	3.6	0.1				0.6
6						7.7	28	3	2.8	0.0				0.8
7							27	4	2.0	0.1				0.7
8							29	5	2.8	0.0				0.7
9							26	4	2.4	0.1				0.6
10							28	8	1.9	0.1				1.1
11							27	6	2.1	0.1				1.1
12							27	5	2.0	0.1				1.1
13						7.7	28	5	2.8	0.0				1.1
14							26	4	2.8	0.0				0.9
15							26	2	2.2	0.1				1.1
16							28	15	3.6	0.1				0.9
17							26	7	2.9	0.0				1.0
18							27	5	2.5	0.0				1.1
19							28	5	3.0	0.0				1.1
20						7.8	26	5	2.6	0.0				1.1
21							26	4	2.0	0.1				1.1
22							29	7	2.6	0.1				1.1
23							27	4	2.5	0.0				1.0
24							26	7	4.1	0.0				0.8
25							25	7	2.9	0.0				0.8
26							27	7	3.0	0.0				0.8
27							29	7	2.0	0.1				0.8
28						7.7	23	4	3.4	0.1				1.1
29							26	8	2.9	0.2				0.7
30							26	6	3.0	0.1				0.8
31							26	2	2.3	0.1				0.9

* All parameters are to be expressed in mg/l except pH and turbidity

Date	Water Treated 1000 gallons	Chemicals Used								Filters		Chlorine Residual				Remarks	
		Tons-Salt	Regen.	Lime	Soda Ash	Carbon	Chlorine Lbs.	Fluoride Gals.	Phos- phate	Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D.S.			
												Free	Total	Free	Total		
																	May 2024 - WMTP
1	419	1.1	2				5.9	20		9.4		1.6	1.8	0.8	0.9		
2	439	0.6	1				5.6	20		8.9		1.4	1.5	0.7	0.8		
3	432	1.7	3				5.9	10		9.3		1.5	1.6	0.9	1.0		
4	474	1.7	3				6.6	20		10.5		1.4	1.5	0.8	0.9		In Plant Use:
5	345	0	0				4.5	10		7.1		1.1	1.2	0.7	0.8		Iron Filters: 85,988gal.
6	393	1.7	3				5.4	10		8.6		1.2	1.3	0.6	0.7		Softeners: 653,864gal.
7	420	1.7	3				6.4	20		10.2		1.4	1.6	0.9	1.0		
8	333	0.6	1				4.4	10		7.0		1.3	1.4	0.8	0.9		
9	470	1.1	2				6.4	20		10.2	43.001	1.4	1.6	0.9	1.0		
10	339	1.1	2				5.6	10		8.9		1.5	1.6	0.8	0.9		
11	377	1.1	2				5.0	10		7.9		1.3	1.4	0.9	1.0		
12	364	1.1	2				5.2	10		8.3		1.3	1.4	0.9	1.0		
13	428	1.1	2				5.5	20		8.8		1.3	1.4	0.7	0.8		
14	533	1.7	3				6.8	20		10.8		1.2	1.3	0.8	0.9		
15	433	1.7	3				6.2	20		9.9		1.3	1.4	0.7	0.8		
16	381	0	0				4.9	10		7.7		1.4	1.5	0.8	0.9		
17	452	1.7	3				6.3	20		10.0		1.4	1.5	0.7	0.8		
18	427	1.7	3				6.0	20		9.5		1.1	1.2	0.9	1.0		
19	343	0.6	1				4.5	10		7.1		1.4	1.5	0.8	0.9		
20	423	1.1	2				5.5	20		8.8		1.3	1.5	0.9	1.3		
21	465	1.7	3				6.4	10		10.1		1.4	1.5	0.8	0.9		Monthly Water Treatment
22	421	1.1	2				6.0	20		9.5		1.5	1.6	0.7	0.8	Total Gallons	12,936,000
23	503	1.7	3				7.0	20		11.0		1.3	1.4	1.0	1.1	Max. Day	533,000
24	416	0.6	1				5.6	10		8.9		1.6	1.7	0.9	1.0	Min. Day	333,000
25	402	1.7	3				5.7	20		9.0		1.5	1.6	1.0	1.1	Avg. Daily	417,290
26	469	1.7	3				5.9	20		9.4		1.5	1.5	0.8	0.9		
27	343	0.6	1				5.5	10		8.8		1.3	1.4	0.8	0.9		
28	353	1.7	3				5.2	10		8.2	42.987	1.5	1.6	0.9	1.0		
29	443	0.6	1				6.4	20		10.2		1.5	1.6	0.9	1.0		Mail To: Department of Environmental Management Drinking Water Branch MC-66-34 100 N. Senate Ave. Indianapolis, IN 46204-2551
30	496	1.7	3				7.1	20		11.2		1.4	1.5	1.0	1.1		
31	400	1.1	2				5.2	10		8.3		1.4	1.5	0.9	1.0		