


MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

Report for Angola Water Works - POE #2 550 Pokagon Trail
Water Works Name

for the Month of May, 2024

I.D.E.M. Field Rep. Sophia Andrews

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							22	1	1.1	0.0				0.6
2							22	2	1.1	0.0				0.6
3							22	1	1.1	0.1				0.7
4							23	1	1.1	0.1				0.6
5							23	1	1.1	0.1				0.7
6						7.7	23	1	1.2	0.0				0.8
7							23	1	1.1	0.0				0.6
8							24	1	1.2	0.1				0.5
9							23	1	1.2	0.0				0.6
10							23	1	1.0	0.1				0.9
11							23	1	1.2	0.1				1.0
12							22	1	1.2	0.1				1.0
13						7.7	23	1	1.1	0.0				0.9
14							24	1	1.1	0.1				0.8
15							22	1	1.2	0.1				0.9
16							20	2	1.3	0.0				0.9
17							22	1	1.1	0.1				0.8
18							24	1	1.1	0.0				0.8
19							23	1	1.0	0.0				0.8
20						7.8	21	1	1.2	0.0				0.8
21							22	1	1.3	0.1				0.9
22							22	2	1.1	0.1				0.8
23							21	1	1.0	0.0				0.9
24							20	1	1.3	0.1				0.7
25							21	1	1.2	0.1				0.8
26							22	1	1.5	0.1				0.8
27							23	1	1.3	0.1				0.8
28						7.7	22	1	1.2	0.1				1.0
29							19	1	1.3	0.1				0.9
30							22	1	1.3	0.1				0.8
31							22	1	1.1	0.1				1.1

* 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		
1	295	0	0				4.5	20		9.0		0.8	0.9	0.8	0.9	May 2024- SWTP	
2	323	2	2				4.4	10		8.8		1.0	1.2	0.7	0.8		
3	342	0	0				4.5	20		9.0		1.0	1.1	0.9	1.0		
4	328	2	2				5.1	10		10.2		1.0	1.1	0.8	0.9		In Plant Use:
5	253	0	0				3.5	20		6.9		1.3	1.4	0.7	0.8		Iron Filters: 201,600gal.
6	294	2	2				4.1	10		8.1		1.5	1.6	0.6	0.7		Softeners: 396,780gal.
7	308	0	0				4.5	20		9.1		0.9	1.0	0.9	1.0		
8	256	1	1				3.4	10		6.7		1.0	1.1	0.8	0.9		
9	341	1	1				4.9	10		9.8		1.1	1.2	0.9	1.0		
10	241	1	1				3.4	10		6.7		1.0	1.1	0.8	0.9		
11	276	1	1				4.0	20		7.9		1.1	1.2	0.9	1.0		
12	280	1	1				4.0	10		8.0		1.0	1.1	0.9	1.0		
13	306	1	1				4.1	20		8.2	96	1.0	1.1	0.7	0.8		
14	286	1	1				4.1	10		8.1		1.1	1.2	0.8	0.9		
15	320	1	1				4.6	10		9.2		0.7	0.8	0.7	0.8		
16	296	1	1				3.9	20		7.8		0.9	1.0	0.8	0.9		
17	314	2	2				4.6	10		9.1		1.0	1.1	0.7	0.8		
18	317	0	0				4.4	20		8.8		1.1	1.2	0.9	1.0		
19	249	1	1				3.6	10		7.2		1.1	1.2	0.8	0.9		
20	336	1	1				4.5	20		8.9		1.1	1.2	0.9	1.3		
21	356	1	1				5.0	10		9.9		1.1	1.2	0.8	0.9		Monthly Water Treatment
22	290	1	1				4.6	10		9.1		0.9	1.0	0.7	0.8		Total Gallons
23	371	2	2				5.0	20		9.9		1.4	1.5	1.0	1.1		9,330,000
24	302	1	1				4.4	20		8.8		1.0	1.1	0.9	1.0		Max. Day
25	348	0	0				4.5	10		9.0		1.0	1.1	1.0	1.1		371,000
26	340	2	2				4.7	20		9.4		1.1	1.2	0.8	0.9		Min. Day
27	244	0	0				4.2	10		8.4		1.1	1.2	0.8	0.9		241,000
28	269	2	2				3.9	20		7.7		1.0	1.1	0.9	1.0		Avg. Daily
29	318	0	0				4.2	10		8.3	105.6	1.2	1.3	0.9	1.0		300,968
30	270	2	2				4.2	10		8.3		1.1	1.3	1.0	1.1		
31	261	0	0				3.8	20		7.6		1.1	1.2	0.9	1.0		

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