

Monthly Report
Franklin Water Plant

month/year

Aug-11

Target*

Total Gallons of Water Treated	59,268,600	gallons	
Avg Gallons Per Day Treated	1,911,890	gallons	
Max Pumpage Day	2,514,200	gallons	
Water Used for Backwash	1,415,000	gallons	
Avg Raw Water Turbidity	2.45	NTU	
Avg Finished Water Turbidity	0.07	NTU	Below 0.3
Avg Raw Water Temperature	26.40	celsius	
Avg Fluoride Results	1.04	mg/l	0.8-1.4
Avg Free Chlorine Residual	1.51	mg/l	0.2-4.0
Avg Finished Alkalinity	142	mg/l	
Avg Finished Hardness	125	mg/l	
Avg Total Iron Leaving Plant	0.01	mg/l	Below 0.3
Avg Total Manganese Leaving Plant	0.02	mg/l	Below 0.05
Avg Finished pH	7.40		
Total Rainfall at Water Plant	1.22	inches	
In House Tests Performed	3,489		
Samples Sent to Lab	16		
Chlorine Tests Taken in System	158		
Number of Hrs Plant Operated	356		
Number of Bac-T Taken	10		

Monthly Safety Meeting Topic : Control panel safety

Treatment Chemicals Used

Coagulant	34,932	lbs
Bleach	45,660	lbs
Fluoride	2164	lbs
Carbon	1240	lbs
Polyphosphate	238	lbs
Sodium Permanganate	1000	lbs

Notes:

*All other lines in the target column we have no control over.