

Monthly Report
Franklin Water Plant

month/year

May-11

Target*

Total Gallons of Water Treated	50,301,800	gallons	
Avg Gallons Per Day Treated	1,622,639	gallons	
Max Pumpage Day	2,209,100	gallons	
Water Used for Backwash	1,216,200	gallons	
Avg Raw Water Turbidity	8.00	NTU	
Avg Finished Water Turbidity	0.03	NTU	Below 0.3
Avg Raw Water Temperature	19.80	celsius	
Avg Fluoride Results	1.16	mg/l	0.8-1.4
Avg Free Chlorine Residual	1.48	mg/l	0.2-4.0
Avg Finished Alkalinity	101	mg/l	
Avg Finished Hardness	146	mg/l	
Avg Total Iron Leaving Plant	0.02	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	6.14	inches	
In House Tests Performed	3,420		
Samples Sent to Lab	18		
Chlorine Tests Taken in System	172		
Number of Hrs Plant Operated	349		
Number of Bac-T Taken	10		

Monthly Safety Meeting Topic : Safe Handling of Chemicals

Treatment Chemicals Used

Coagulant	27,903	lbs
Bleach	25,843	lbs
Fluoride	2282	lbs
Carbon	0	lbs
Polyphosphate	308	lbs
Sodium Permanganate	288	lbs

Notes:

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