

Monthly Report
Franklin Water Plant

month/year

Jun-11

Target*

Total Gallons of Water Treated	53,954,600	gallons	
Avg Gallons Per Day Treated	1,798,487	gallons	
Max Pumpage Day	2,441,600	gallons	
Water Used for Backwash	1,239,000	gallons	
Avg Raw Water Turbidity	10.19	NTU	
Avg Finished Water Turbidity	0.04	NTU	Below 0.3
Avg Raw Water Temperature	23.40	celsius	
Avg Fluoride Results	1.18	mg/l	0.8-1.4
Avg Free Chlorine Residual	1.60	mg/l	0.2-4.0
Avg Finished Alkalinity	116	mg/l	
Avg Finished Hardness	117	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	5.46	inches	
In House Tests Performed	3,445		
Samples Sent to Lab	15		
Chlorine Tests Taken in System	152		
Number of Hrs Plant Operated	352		
Number of Bac-T Taken	10		

Monthly Safety Meeting Topic : Earthquake Preparedness

Treatment Chemicals Used

Coagulant	32,376	lbs
Bleach	26,142	lbs
Fluoride	2344	lbs
Carbon	605	lbs
Polyphosphate	378	lbs
Sodium Permanganate	488	lbs

Notes:

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