



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 11-12-2024

Test No: 1981

Weather: Sunny

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 09:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:50 AM	Sampling Time: 11:28 AM	Sampling Time: 11:42 AM	Sampling Time: 11:55 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			24.3	24	24.3	24.7
2	pH		day	6.5-8.5				8.1	7.8	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	62.6	18.3	18	1.9	0.41	0.21
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			79	20	11	7
5	Suspended Solid	mg/L	day	...				47	13	13	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						73
8	Magnesium	mg/L	Once a week	30-35							18.7
9	ORP	mv	Once a week	...							146
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	174.9	161.5				162.4
Remark:											