



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 13-11-2024

Test No: 1953

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: 10:12 AM	Sampling Time: 10:50 AM	Sampling Time: 11:20 AM	Sampling Time: 11:38 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.1	28.1	28.1	28.6
2	pH		day	6.5-8.5				8	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	36	15.5	14.9	1.85	0.4	0.19
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			46	27	13	4
5	Suspended Solid	mg/L	day	...				19	15	14	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						74
8	Magnesium	mg/L	Once a week	30-35							16.6
9	ORP	mv	Once a week	...	WTW pH/ ION 3310						187
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	147.1	135.6				137
Remark:											