



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 05-03-2025

Test No: 2065

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: 10:15 AM	Sampling Time: 10:30 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 11:25 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.9	27.3	27.8	28.2		
2	pH		day	6.5-8.5				8.5	8.2	8.2	8.1		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	69.2	15.2	14.9	1.55	0.34	0.33		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			58	18	14	12		
5	Suspended Solid	mg/L	day	...				43	8	8	1	0	0
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						75		
8	ORP	mv	Once a week	...	WTW pH/ ION 3310						232.1		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						186.2	182.4	184.6

Remark: