



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 09-01-2025

Test No: 2010

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: 08:03 AM	Sampling Time: 08:25 AM	Sampling Time: 09:35 AM	Sampling Time: 10:02 AM	Sampling Time: 10:18 AM	Sampling Time: 10:30 AM								
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			20.9	20.9	21.3	21.4								
2	pH		day	6.5-8.5				8.4	8	8	8								
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	62.2	14.9	14.9	1.69	0.55	0.31								
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			61	32	14	10								
5	Suspended Solid	mg/L	day	...				46	9	9	2	0	0						
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable								
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322			185.5	183.9										
8	Salinity	PSU	Once a week	...															
9	Conductivity	µS/cm	Once a week	...															
10	Resistivity	Ω-cm	Once a week	...															
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30												
<b>Remark:</b>																			