



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 31-10-2024

Test No: 1940

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: 10:30 AM	Sampling Time: 11:08 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.9	29.6	29.3	29.1	
	pH		day	6.5-8.5				8.1	7.6	7.7	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	47.4	17	16.2	1.9	0.35	0.19	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			67	23	17	9	
5	Suspended Solid	mg/L	day	...				36	17	17	1	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	131.7	126.5					128.2
8	Salinity	PSU	Once a week	...								0.177
9	Conductivity	µS/cm	Once a week	...								260.7
10	Resistivity	Ω-cm	Once a week	...								3836
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					30
<b>Remark:</b>												