



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 19-09-2024

Test No: 1898

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: 11:44 AM	Sampling Time: 10:07 AM	Sampling Time: 10:18 AM	Sampling Time: 11:14 AM	Sampling Time: 11:24 AM	Sampling Time: 11:34 AM									
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.3	29.9	29.4	29									
2	pH		day	6.5-8.5				7.9	7.7	7.8	7.7									
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	336	55.9	53.4	1.9	0.27	0.17									
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			262	33	14	11									
5	Suspended Solid	mg/L	day	...				317	43	43	2	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			120.2	118.4				123.7							
8	Salinity	PSU	Once a week	...									0.172							
9	Conductivity	µS/cm	Once a week	...															251.4	
10	Resistivity	Ω-cm	Once a week	...																
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30									
<b>Remark:</b>																				