



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 13-09-2024

Test No: 1892

Weather: Cloudy

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: 10:38 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:15 AM	Sampling Time: 11:29 AM	Sampling Time: 11:38 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.1	28.2	28	27.8
2	pH		day	6.5-8.5				7.8	7.8	7.7	7.2
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	230	49.9	48	1.9	0.55	0.26
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			246	39	14	12
5	Suspended Solid	mg/L	day	...				188	40	40	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	125.9	121.8			125.9	
<b>Remark:</b>											