



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 24-08-2024

Test No: 1872

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: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 10:58 AM	Sampling Time: 11:25 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.2	27.3	27	27.2		
2	pH		day	6.5-8.5				7.9	7.6	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	404	117	117	1.92	0.4	0.22		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	19	7	3		
5	Suspended Solid	mg/L	day	...				390	106	106	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric								3.5
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	115.2	119.7						125.5
<b>Remark:</b>													