



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 15-11-2024

Test No: 1955

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: 09:45 AM	Sampling Time: 10:05 AM	Sampling Time: 10:17 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.4	27.3	27.4	27.5		
2	pH		day	6.5-8.5				8	7.8	7.8	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	44.4	17.5	16.8	1.92	0.77	0.29		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			57	38	9	3		
5	Suspended Solid	mg/L	day	...				29	17	16	2	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1								0.14
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	152.1	137.7						138.5

Remark: