



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 03-12-2024

Test No: 1973

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: 07:55 AM	Sampling Time: 08:30 AM	Sampling Time: 09:30 AM	Sampling Time: 9:50 AM	Sampling Time: 10:05 AM	Sampling Time: 10:20 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			25.1	25.1	25.2	25.9		
2	pH		day	6.5-8.5				8	7.7	7.7	7.8		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	91.1	15.2	14.3	1.79	0.4	0.2		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			65	18	20	2		
5	Suspended Solid	mg/L	day	...				62	16	15	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Ammonia	mg/L	Once a week	0.5	Salicylate Method						0.185		
8	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						60.9		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						171.5	157.3	157.8
Remark:													