



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 20-09-2024

Test No: 1899

Weather: Cloudy

SI 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: 11:50 AM	Sampling Time: 10:37 AM	Sampling Time: 10:47 AM	Sampling Time: 11:23 AM	Sampling Time: 11:33 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.2	30.4	30.2	30.5
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	343	51.8	51.3	1.94	0.46	0.25
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			219	37	14	10
5	Suspended Solid	mg/L	day	...				329	41	41	2
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	120.7	118.6			122.4	
<b>Remark:</b>											