



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 16-10-2024

Test No: 1925

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: 07:36 AM	Sampling Time: 07:45 AM	Sampling Time: 09:48 AM	Sampling Time: 10:08 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.3	29.5	29.5	29.4
2	pH		day	6.5-8.5				7.8	7.5	7.7	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	188	33.4	32.8	1.86	0.1	0.08
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			173	14	13	2
5	Suspended Solid	mg/L	day	...				153	28	27	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	ORP	mv	Once a week	...	WTW pH/ ION 3310						182.9
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	122	121.1				124
Remark:											