



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-10-2024

Test No: 1911

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: 10:05 AM	Sampling Time: 10:20 AM	Sampling Time: 10:50 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:48 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			30.2	30.6	30.9	30.2
2	pH		day	6.5-8.5				8	7.7	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	458	48.2	45	1.9	0.29	0.14
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			185	35	15	13
5	Suspended Solid	mg/L	day	...				338	38	38	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						71
8	Magnesium	mg/L	Once a week	30-35							22.9
9	ORP	mv	Once a week	...	WTW pH/ ION 3310						113.1
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				30
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	125.6	123.2				126.7

Remark: