



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-10-2024

Test No: 1916

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: 10:43 AM	Sampling Time: 08:50 AM	Sampling Time: 09:48 AM	Sampling Time: 10:10 AM	Sampling Time: 10:22 AM	Sampling Time: 10:32 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29	29	28.8	29.3	
2	pH		day	6.5-8.5				8	7.7	7.8	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	533	60	54.1	1.93	0.68	0.16	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			259	37	10	1	
5	Suspended Solid	mg/L	day	...				416	43	43	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1							
8	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	117	122.3					124.4
Remark:												