



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-10-2024

Test No: 1913

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: 09:45 AM	Sampling Time: 10:00 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29	29	28.9	29
2	pH		day	6.5-8.5				8	7.8	7.8	7.8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	441	56.4	55.2	1.98	0.77	0.42
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			232	57	18	15
5	Suspended Solid	mg/L	day	...				351	42	40	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	121.6	123.2			126.6	
Remark:											