



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-04-2024

Test No: 1739

Weather: Sunny

Sl No	Test Item	Unit	Frequency	Detection limit (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: 12:40 PM	Sampling Time: 11:30 AM	Sampling Time: 11:35 AM	Sampling Time: 12:15 PM	Sampling Time: 12:22 PM	Sampling Time: 12:30 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			27.4	27.2	27.3	27.4
2	pH		day	6.5-8.5				8.23	7.99	7.91	7.82
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	75	14.2	14.2	1.81	0.57	0.4
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			69	27	15	12
5	Suspended Solid	mg/L	day	...				54	10	10	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			930	360		
8	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	1464	676.6				
Remark:											