



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-04-2024

Test No: 1737

Weather: Partly Cloudy

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: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:35 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			27.5	26.7	27.5	27.8
2	pH		day	6.5-8.5				8.24	8.01	7.91	7.82
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	83	12.6	12.4	1.75	0.58	0.26
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			67	23	11	3
5	Suspended Solid	mg/L	day	...				54	8	8	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			690	280		
8	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	1161	546.2				
Remark:											