



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-04-2024

Test No: 1736

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:45 AM	Sampling Time: 11:18 AM	Sampling Time: 11:23 AM	Sampling Time: 11:28 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			27.2	26.9	27.6	27.3
2	pH		day	6.5-8.5				8.2	7.98	7.91	7.83
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.6	12.2	12.1	1.63	0.35	0.25
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			62	27	11	7
5	Suspended Solid	mg/L	day	...				42	9	9	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			450	270		
8	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	805.5	517.2				
Remark:											