



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-04-2024

Test No: 1740

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: 12:50 PM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 12:28 PM	Sampling Time: 12:34 PM	Sampling Time: 12:40 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29	29.1	28.9	29.1		
2	pH		day	6.5-8.5				8.2	7.99	7.91	7.83		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	54.8	13.7	13.4	1.87	0.54	0.38		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			68	27	13	9		
5	Suspended Solid	mg/L	day	...				43	10	10	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						2.01		
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method						0.4		
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						0.006		
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						870	400	360
11	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322						1432	717.2	677.1
Remark:													