



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-06-2023

Test No: 1439

Weather: Cloudy

SI 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: 11:50 AM	Sampling Time: 11:58 AM	Sampling Time: 12:07 PM	Sampling Time: 12:35 AM	Sampling Time: 12:40 PM	Sampling Time: 12:45 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.5	30.7	30.6	30.5	
2	pH		day	6.5-8.5				8.08	7.85	7.7	7.74	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	52.5	14.6	14.4	1.87	0.47	0.18	
4	Color	pt-co	day	15	Portable analyser-AQ3700			97	26	4	0	
5	Suspended Solid	mg/L	day	...				47	14	14	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							1.2
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	280	530			540		
Remark:												