



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-06-2023

Test No: 1425

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:55 AM	Sampling Time: 12:55 PM	Sampling Time: 01:10 PM	Sampling Time: 01:17 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.1	30.3	30	30.4	
2	pH		day	6.5-8.5				8.33	8.14	7.79	7.83	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	41.7	14.3	14.2	1.99	0.71	0.36	
4	Color	pt-co	day	15	Portable analyser-AQ3700			93	53	12	5	
5	Suspended Solid	mg/L	day	...				42	15	15	3	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							1.5
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	240	560			560		
Remark:												