



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-08-2023

Test No: 1502

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: 10:09 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:18 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.9	27	27.2	27.6
2	pH		day	6.5-8.5				8.58	7.48	7.23	7.17
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	566	68	66	1.92	0.34	0.08
4	Color	pt-co	day	15	Portable analyser-AQ3700			445	24	13	13
5	Suspended Solid	mg/L	day	...				561	79	79	2
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						
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	50		
Remark:											