



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-06-2023

Test No: 1437

Weather: 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: 09:20 AM	Sampling Time: 09:40 AM	Sampling Time: 10:10 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:05 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28.2	28	27.5
2	pH		day	6.5-8.5				8.1	7.9	7.74	7.77
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	50.9	13.2	13.1	1.65	0.36	0.3
4	Color	pt-co	day	15	Portable analyser-AQ3700			73	23	4	0
5	Suspended Solid	mg/L	day	...				47	12	12	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322						
8	Salinity	PSU	Once a week	...		1.018					
9	Conductivity	μS/cm	Once a week	...		1906					
10	Resistivity	Ω-cm	Once a week	...		524.6					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	380	540				550
Remark:											