



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-10-2022

Test No: 1185

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: 9:30 AM	Sampling Time: 10:20 AM	Sampling Time: 10:25 AM	Sampling Time: 11:50 AM	Sampling Time: 12:05 PM	Sampling Time: 12:15 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.7	28.9	28.9	28.8
2	pH		day	6.5-8.5				7.26	7.03	6.91	6.89
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	412	48.2	48.2	3.74	0.31	0.21
4	Color	pt-co	day	15	Portable analyser-AQ3700			258	10	0	0
5	Suspended Solid	mg/L	day	...				396	42	42	2
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	...							
9	Conductivity	µS/cm	Once a week	...							
10	Resistivity	Ω-cm	Once a week	...							
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20	

Remark: