



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-09-2022

Test No: 1164

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: 10:15 AM	Sampling Time: 10:35 AM	Sampling Time: 10:40 AM	Sampling Time: 10:58 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.9	25.9	25.7	25.6		
2	pH		day	6.5-8.5				7.36	7.1	7.06	7.19		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	478	94.5	94.1	11	0.57	0.35		
4	Color	pt-co	day	15	Portable analyser-AQ3700			486	68	6	6		
5	Suspended Solid	mg/L	day	...				489	85	85	9	0	0
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								157.3
8	Salinity	PSU	Once a week	...									0.205
9	Conductivity	µS/cm	Once a week	...									320
10	Resistivity	Ω-cm	Once a week	...									3125
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: