



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-09-2021

Test No: 807

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: 9:15 AM	Sampling Time: 9:00 AM	Sampling Time: 9:05 AM	Sampling Time: 9:39 AM	Sampling Time: 9:48 AM	Sampling Time: 10:02 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300	/		28.9	29	29	29
2	PH		day	6.5-8.5				7.64	7.3	7.32	7.16
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	300	35.5	35	1.86	0.32	0.22
4	Color	pt-co	day	15	Portable analyser-AQ3700	/		141	18	3	3
5	Suspended Solid	mg/L	day					286	30	30	0
6	Taste and Odour		day	Odorless	Manual	/		Dirty Smell	No Objectionale	No Objectionale	No Objectionale
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322			/		/	
8	Salinity	PSU	Once a week			0.195					
9	Conductivity	µS/cm	Once a week			299.3					
10	Resistivity	Ω-cm	Once a week			3341					
11	Nitrogen-Nitrate	mg/L	Once a week	10		DR3900	0.5				
12	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40

Remark: