



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-09-2021

Test No: 814

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: 9:31 AM	Sampling Time: 10:22 AM	Sampling Time: 10:25 AM	Sampling Time: 10:54 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.8	29.6	29.4	29.4
2	PH		day	6.5-8.5				7.97	7.67	7.62	7.36
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	206	24.2	23.4	1.05	0.42	0.19
4	Color	pt-co	day	15	Portable analyser-AQ3700			148	7	0	0
5	Suspended Solid	mg/L	day					173	22	22	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322						
8	Salinity	PSU	Once a week			0.194					
9	Conductivity	µS/cm	Once a week			296.8					
10	Resistivity	Ω-cm	Once a week			3369					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40
Remark:											