



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-09-2021

Test No: 800

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: 11:16 AM	Sampling Time: 9:19 AM	Sampling Time: 9:42 AM	Sampling Time: 10:27 AM	Sampling Time: 10:42 AM	Sampling Time: 10:50 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.7	29.2	29.2	29.2
2	PH		day	6.5-8.5				7.77	7.51	7.33	7.37
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	234	57.8	57.3	1.78	0.12	0.1
4	Color	pt-co	day	15	Portable analyser-AQ3700			324	13	0	0
5	Suspended Solid	mg/L	day					197	49	49	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No	No	No
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322						
8	Salinity	PSU	Once a week			0.198					
9	Conductivity	μS/cm	Once a week			304.9					
10	Resistivity	Ω-cm	Once a week			3.279					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40
Remark:											