



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-09-2021

Test No: 799

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: 9:35 AM	Sampling Time: 9:40 AM	Sampling Time: 10:08 AM	Sampling Time: 10:43 AM	Sampling Time: 10:52 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.2	28.4	28	27.4		
2	PH		day	6.5-8.5				7.63	7.37	7.37	7.24		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	240	41	40	1.24	0.43	0.09		
4	Color	pt-co	day	15	Portable analyser-AQ3700			248	4	0	0		
5	Suspended Solid	mg/L	day					232	36	36	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No	No	No		
7	Calcium	mg/L	Once a week	75	Portable analyser-AQ3700								74
8	Magnesium	mg/L	Once a week	30-35									17.5
9	ORP	mv	Once a week		WTW PH ION 3310								63.7
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40						
Remark:													