



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-09-2021

Test No: 801

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: 3:15 PM	Sampling Time: 9:20 AM	Sampling Time: 9:30 AM	Sampling Time: 10:30 AM	Sampling Time: 10:55 AM	Sampling Time: 11:15 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.1	29.8	29.7	29.9
2	PH		day	6.5-8.5				7.79	7.56	7.51	7.56
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	118	41.8	41.8	1.93	0.23	0.08
4	Color	pt-co	day	15	Portable analyser-AQ3700			257	15	0	0
5	Suspended Solid	mg/L	day					114	37	36	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No	No	No
7	Total residual chlorine	mg/L	Twice a week	0.2	DR3900						
8	Fluoride	mg/L	Once a week	1		0.18					
9	Sulphate	mg/L	Once a week	400		9					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40

Remark: