



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-05-2022

Test No: 1056

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: 9:00 AM	Sampling Time: 9:30 AM	Sampling Time: 10:10 AM	Sampling Time: 10:48 AM	Sampling Time: 11:05 AM	Sampling Time: 11:16 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.6	27.6	27.1	27.8
2	pH		day	6.5-8.5				8.43	7.69	7.77	7.92
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	428	48.7	48.4	2.98	0.69	0.55
4	Color	pt-co	day	15	Portable analyser-AQ3700			121	17	5	1
5	Suspended Solid	mg/L	day	...				188	17	14	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
10	Total residual chlorine	mg/L	Twice a week	0.2					0.06	0.05	0.22
8	Total Manganese	mg/L	Once a week	0.1							0.012
9	Total Iron	mg/L	Once a week	0.3							0.03
10	Total Aluminium	mg/L	Once a week	0.2							0.2
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				50
Remark:											