



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-10-2023

Test No: 1547

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: 12:05 PM	Sampling Time: 10:40 AM	Sampling Time: 10:45 AM	Sampling Time: 11:35 AM	Sampling Time: 11:45 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.9	29.2	29.1	29.1
2	pH		day	6.5-8.5				8.16	7.97	7.83	7.79
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	201	36.9	36.4	1.92	0.43	0.27
4	Color	pt-co	day	15	Portable analyser-AQ3700			182	27	14	9
5	Suspended Solid	mg/L	day	...				196	37	37	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
Remark:											