



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-02-2023

Test No: 1308

Weather: Sunny

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: 9:38 AM	Sampling Time: 9:50 AM	Sampling Time: 10:00 AM	Sampling Time: 10:28 AM	Sampling Time: 10:33 AM	Sampling Time: 10:35 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.9	22.6	22.5	22.8	
2	pH		day	6.5-8.5				7.99	8.06	7.98	7.95	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	83	11.9	11.4	1.66	0.29	0.12	
4	Color	pt-co	day	15	Portable analyser-AQ3700			47	2	0	0	
5	Suspended Solid	mg/L	day	...				67	6	5	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1							
8	Total Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN	0.012						
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.33						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20
Remark:												