



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-05-2022

Test No: 1040

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: 10:08 AM	Sampling Time: 10:15 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.4	29.7	29.4	30.5
2	pH		day	6.5-8.5				8.01	7.64	7.82	7.88
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	93	15.2	15.2	5.95	1.06	0.98
4	Color	pt-co	day	15	Portable analyser-AQ3700			39	32	0	0
5	Suspended Solid	mg/L	day	...				31	8	8	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D						
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			50	50		
Remark:											