



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-11-2022

Test No: 1222

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: 9:05 AM	Sampling Time: 9:15 AM	Sampling Time: 9:20 AM	Sampling Time: 10:42 AM	Sampling Time: 10:52 AM	Sampling Time: 11:02 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.6	26.6	26.6	26.9	
2	pH		day	6.5-8.5				7.37	7.32	7.25	7.22	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	64.3	10.7	10.7	3.66	0.28	0.18	
4	Color	pt-co	day	15	Portable analyser-AQ3700			60	27	8	3	
5	Suspended Solid	mg/L	day	...				60	7	7	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	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	Cadmium Reduction Method							
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												