



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-08-2022

Test No: 1131

Weather: Sunny

SI 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: 8:35 AM	Sampling Time: 8:50 AM	Sampling Time: 9:26 AM	Sampling Time: 10:02 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	29.3	29.1	28.8	
2	pH		day	6.5-8.5				7.54	7.44	7.33	7.27	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	343	79	79	3.75	0.5	0.28	
4	Color	pt-co	day	15	Portable analyser-AQ3700			489	25	13	3	
5	Suspended Solid	mg/L	day	...				423	83	83	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							0.5
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												