



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-09-2022

Test No: 1166

Weather: Mostly Cloudy

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: 11:18AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM	Sampling Time: 12:00 PM	Sampling Time: 12:05 AM	Sampling Time: 12:10 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.4	27	26.3	26.1	
2	pH		day	6.5-8.5				7.4	7.55	7.72	7.77	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	252	91.2	91.2	12.3	0.82	0.29	
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	61	5	0	
5	Suspended Solid	mg/L	day	...				269	94	94	9	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							0.7
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
Remark:												