



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-09-2022

Test No: 1152

Weather: Partly 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: 10:40 AM	Sampling Time: 10:30 AM	Sampling Time: 10:50 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM	Sampling Time: 12:09 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.6	30.6	30.3	30.2	
2	pH		day	6.5-8.5				7.56	7.16	7.14	7.19	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	673	108	108	7.39	1.22	0.99	
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	27	11	15	
5	Suspended Solid	mg/L	day	...				750	103	103	3	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:												