



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-08-2023

Test No: 1489

Weather: Rain

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: 09:50 AM	Sampling Time: 10:00 AM	Sampling Time: 10:08 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.8	26.6	27	27.1					
2	pH		day	6.5-8.5				8.05	7.72	7.71	7.68					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	390	38.2	35.9	1.99	0.47	0.44					
4	Color	pt-co	day	15	Portable analyser-AQ3700			230	38	11	6					
5	Suspended Solid	mg/L	day	...				389	39	39	3	0	0			
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable					
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration							80				
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700											100
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration											40

Remark: