



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-09-2023

Test No: 1517

Weather: Cloudy

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: 08:33 AM	Sampling Time: 09:00 AM	Sampling Time: 10:02 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			28.4	28.9	29.1	29.2	
2	pH		day	6.5-8.5				8.18	7.98	7.92	7.87	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	238	48.2	47.9	1.99	0.78	0.6	
4	Color	pt-co	day	15	Portable analyser-AQ3700			275	35	14	12	
5	Suspended Solid	mg/L	day	...				233	48	48	3	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	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							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40			50		
Remark:												