



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-03-2023

Test No: 1349

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: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:18 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.7	24.6	24.5	24.8
2	pH		day	6.5-8.5				7.99	7.55	7.57	7.61
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.5	13.3	13	1.89	0.21	0.21
4	Color	pt-co	day	15	Portable analyser-AQ3700			67	9	0	0
5	Suspended Solid	mg/L	day	...				57	10	10	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						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			110	50		
Remark:											