



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-05-2023

Test No: 1419

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: 09:40 AM	Sampling Time: 10:45 AM	Sampling Time: 11:15 AM	Sampling Time: 11:28 AM	Sampling Time: 11:35 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27	27.4	27.1	27.2	
2	pH		day	6.5-8.5				8.07	7.83	7.74	7.67	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.3	14.7	14.2	1.81	0.92	0.26	
4	Color	pt-co	day	15	Portable analyser-AQ3700			98	19	9	3	
5	Suspended Solid	mg/L	day	...				56	14	14	2	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							140
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	100	620			630		
Remark:												