



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-07-2023

Test No: 1481

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: 12:55 PM	Sampling Time: 09:30 AM	Sampling Time: 11:30 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	29.3	29.2	29.3	
2	pH		day	6.5-8.5				8.24	8.15	8.06	7.98	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	145	37	35.8	1.97	0.21	0.19	
4	Color	pt-co	day	15	Portable analyser-AQ3700			248	31	5	0	
5	Suspended Solid	mg/L	day	...				178	41	41	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method	0.2						
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1	0.005						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	60					60
Remark:												