



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-07-2023

Test No: 1474

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: 09:40 AM	Sampling Time: 10:00 AM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM	Sampling Time: 12:40 PM	Sampling Time: 12:45 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28	28	28.3
2	pH		day	6.5-8.5				8.39	8.06	8.02	7.99
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	151	38	37.2	1.95	0.5	0.33
4	Color	pt-co	day	15	Portable analyser-AQ3700			252	14	8	3
5	Suspended Solid	mg/L	day	...				159	42	42	2
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-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1	4.35					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	80				
Remark:											