



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-05-2023

Test No: 1413

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: 08:43 AM	Sampling Time: 08:35 AM	Sampling Time: 08:47 AM	Sampling Time: 09:27 AM	Sampling Time: 09:35 AM	Sampling Time: 09:40 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29	28.8	29.2	29.1
2	pH		day	6.5-8.5				8.09	7.79	7.77	7.74
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	34.2	12.9	12.7	1.99	0.56	0.37
4	Color	pt-co	day	15	Portable analyser-AQ3700			91	16	9	0
5	Suspended Solid	mg/L	day	...				30	12	12	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1						
8	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.03					
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.22					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	740	600				
Remark:											