



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-12-2022

Test No: 1245

Weather: Sunny

SI 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: 9:30 AM	Sampling Time: 9:45 AM	Sampling Time: 10:28 AM	Sampling Time: 11:07 AM	Sampling Time: 11:22 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.7	25.5	25.4	26
2	pH		day	6.5-8.5				7.78	7.58	7.56	7.48
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	155	24.8	24	4.66	0.97	0.45
4	Color	pt-co	day	15	Portable analyser-AQ3700			97	37	16	14
5	Suspended Solid	mg/L	day	...				98	15	15	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						
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											