



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-12-2022

Test No: 1266

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: 10:30 AM	Sampling Time: 10:35 AM	Sampling Time: 10:45 AM	Sampling Time: 11:10 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.9	24.6	24.7	25.2
2	pH		day	6.5-8.5				8.09	7.85	7.79	7.75
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	53.3	15.2	15	4.78	0.34	0.23
4	Color	pt-co	day	15	Portable analyser-AQ3700			70	32	14	13
5	Suspended Solid	mg/L	day	...				24	8	8	3
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 residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.3					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											