



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-01-2023

Test No: 1301

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: 10:27 AM	Sampling Time: 10:35 AM	Sampling Time: 10:45 AM	Sampling Time: 11:28 AM	Sampling Time: 11:42 AM	Sampling Time: 11:50 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.4	21	20.9	21.9					
2	pH		day	6.5-8.5				8.25	8	7.92	7.9					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	90.9	15.3	14.9	1.86	0.19	0.12					
4	Color	pt-co	day	15	Portable analyser-AQ3700			70	6	0	0					
5	Suspended Solid	mg/L	day	...				104	11	11	1	0	0			
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable					
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1							0.125				
8	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method											0.04
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			20						
Remark:																