



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-08-2023

Test No: 1490

Weather: Rain

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: 9:50 AM	Sampling Time: 9:00 AM	Sampling Time: 9:10 AM	Sampling Time: 10:10 AM	Sampling Time: 10:22 AM	Sampling Time: 10:30 AM							
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.9	26.2	26.9	27.2							
2	pH		day	6.5-8.5				8.17	7.62	7.78	7.81							
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	287	55.4	55.3	1.99	0.58	0.26							
4	Color	pt-co	day	15	Portable analyser-AQ3700			312	32	13	14							
5	Suspended Solid	mg/L	day	...				345	47	47	3	0	0					
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							0.016						
8	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method											0.06		
9	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1													
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	50											
Remark:																		