



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-08-2022

Test No: 1133

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: 8:40 AM	Sampling Time: 8:50 AM	Sampling Time: 9:00 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:42 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.6	26.6	26.5	26.5
2	pH		day	6.5-8.5				7.28	7.15	7.16	7.12
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	465	101	101	2.25	0.23	0.23
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	18	13	5
5	Suspended Solid	mg/L	day	...				429	101	101	1
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						
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:											