



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-12-2022

Test No: 1259

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: 08:15 AM	Sampling Time: 9:35 AM	Sampling Time: 10:40 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:35 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.7	23.5	23.6	24					
2	pH		day	6.5-8.5				7.99	7.91	7.88	7.84					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	33.9	14.9	14.9	4.83	0.5	0.23					
4	Color	pt-co	day	15	Portable analyser-AQ3700			84	32	16	10					
5	Suspended Solid	mg/L	day	...				30	12	12	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							0.074				
8	Total Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN											0.01
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method											
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1											
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20						

Remark: