



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-07-2023

Test No: 1469

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: 9:30 AM	Sampling Time: 9:40 AM	Sampling Time: 10:10 AM	Sampling Time: 11:00 AM	Sampling Time: 11:12 AM	Sampling Time: 11:19 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.2	27.4	27.3	27.1	
2	pH		day	6.5-8.5				8.1	8.04	7.93	8.01	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	156	40.2	39.3	1.99	0.34	0.25	
4	Color	pt-co	day	15	Portable analyser-AQ3700			254	49	14	11	
5	Suspended Solid	mg/L	day	...				174	42	42	5	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							
8	Total Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN	0.008						
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.01						
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.26						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	110					120
Remark:												