



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-12-022

Test No: 1253

Weather: Sunny

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: 10:10 AM	Sampling Time: 10:15 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.9	25	25.1	25.5
2	pH		day	6.5-8.5				7.63	7.56	7.57	7.62
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	140	21.5	20	3.93	0.4	0.34
4	Color	pt-co	day	15	Portable analyser-AQ3700			98	38	1	0
5	Suspended Solid	mg/L	day	...				128	19	19	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Nitrogen-Ammoniacal	mg/L	Once a week	0.5	Salicylate Method						
8	Silica	mg/L	Once a week	...	Heteropoly Blue Method1	58.1					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											