



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-07-2022

Test No: 1106

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: 9:08 AM	Sampling Time: 9:20 AM	Sampling Time: 10:10 AM	Sampling Time: 10:42 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.8	27.4	27.7	27.8
2	pH		day	6.5-8.5				7.54	7.31	7.21	7.23
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	108	39.4	39.3	2.24	0.19	0.16
4	Color	pt-co	day	15	Portable analyser-AQ3700			215	4	0	0
5	Suspended Solid	mg/L	day	...				105	31	31	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	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						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											