



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-07-2022

Test No: 1105

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: 8:55 AM	Sampling Time: 9:15 AM	Sampling Time: 10:05 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.6	28.5	28.4	28.1
2	pH		day	6.5-8.5				7.78	7.41	7.31	7.28
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	137	43.4	43.4	2.68	0.21	0.11
4	Color	pt-co	day	15	Portable analyser-AQ3700			235	25	0	0
5	Suspended Solid	mg/L	day	...				131	35	35	0
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 residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											