



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-08-2023

Test No: 1494

Weather: Cloudy

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: 10:50 AM	Sampling Time: 09:30 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.9	27	27.1	27.2
2	pH		day	6.5-8.5				8.41	8.04	7.92	7.94
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	219	35.2	34.2	1.84	0.25	0.13
4	Color	pt-co	day	15	Portable analyser-AQ3700			256	21	11	3
5	Suspended Solid	mg/L	day	...				237	43	43	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1						
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	50		
Remark:											