



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-01-2023

Test No: 1291

Weather: Sunny

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: 10:07 AM	Sampling Time: 10:18 AM	Sampling Time: 10:25 AM	Sampling Time: 10:48 AM	Sampling Time: 11:03 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.3	21.3	21.4	21.7
2	pH		day	6.5-8.5				8.22	8.08	8.02	7.94
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	44.6	12.5	12	1.59	0.3	0.23
4	Color	pt-co	day	15	Portable analyser-AQ3700			93	30	13	13
5	Suspended Solid	mg/L	day	...				40	8	8	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											