



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-08-2022

Test No: 1149

Weather: Cloudy

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: 9:40 AM	Sampling Time: 9:50 AM	Sampling Time: 10:53 AM	Sampling Time: 11:18 AM	Sampling Time: 11:32 AM	Sampling Time: 11:40 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29	29.4	28.5	28.5
2	pH		day	6.5-8.5				9.04	8.89	8.46	8.44
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	35.5	17.8	17.8	4.96	0.91	0.88
4	Color	pt-co	day	15	Portable analyser-AQ3700			123	38	15	15
5	Suspended Solid	mg/L	day	...				32	17	17	4
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	Portable analyser-AQ3700						
8	Magnesium	mg/L	Once a week	30-35		18.8					
9	ORP	mv	Once a week	...		WTW pH/ ION 3310	165				
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				20
Remark:											