



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-12-2022

Test No: 1261

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: 9:45 AM	Sampling Time: 9:55 AM	Sampling Time: 10:25 AM	Sampling Time: 11:01 AM	Sampling Time: 11:15 AM	Sampling Time: 11:22 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			24	23.9	23.9	24.3
2	pH		day	6.5-8.5				7.99	7.78	7.72	7.81
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	31	19.1	19	2.81	0.4	0.36
4	Color	pt-co	day	15	Portable analyser-AQ3700			86	18	11	7
5	Suspended Solid	mg/L	day	...				14	12	12	4
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb						
8	Magnesium	mg/L	Once a week	30-35		20					
9	ORP	mv	Once a week	...	WTW pH/ ION 3310					160.5	
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration					20	20
Remark:											