



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-12-2022

Test No: 1247

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: 11:08 AM	Sampling Time: 11:22 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.3	24.4	24.5	24.9
2	pH		day	6.5-8.5				7.82	7.66	7.63	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	104	22.5	22	8.85	0.39	0.39
4	Color	pt-co	day	15	Portable analyser-AQ3700			103	53	14	14
5	Suspended Solid	mg/L	day	...				71	14	14	7
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		19.3					
9	ORP	mv	Once a week	...	WTW pH/ ION 3310					186.4	
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration					20	20
Remark:											