



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-11-2022

Test No: 1237

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: 7:30 AM	Sampling Time: 8:00 AM	Sampling Time: 9:05 AM	Sampling Time: 9:45 AM	Sampling Time: 9:52 AM	Sampling Time: 10:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.6	24.3	24.6	24.6
2	pH		day	6.5-8.5				7.46	7.12	7.15	7.24
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	37.8	20.7	20	2.67	0.35	0.18
4	Color	pt-co	day	15	Portable analyser-AQ3700			102	35	16	8
5	Suspended Solid	mg/L	day	...				35	14	14	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700	120					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											