



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-09-2022

Test No: 1174

Weather: Partly 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: 9:30 AM	Sampling Time: 9:40 AM	Sampling Time: 10:35 AM	Sampling Time: 10:45 AM	Sampling Time: 10:52 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.9	28.8	28.4	27.8
2	pH		day	6.5-8.5				7.38	6.78	6.89	6.97
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	169	59.6	59.6	6.08	0.31	0.37
4	Color	pt-co	day	15	Portable analyser-AQ3700			387	31	2	0
5	Suspended Solid	mg/L	day	...				161	52	52	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	ETDA Titration						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											