



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-05-2022

Test No: 1051

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: 8:35 AM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 12:00 PM	Sampling Time: 12:15 PM	Sampling Time: 12:25 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.4	29.9	30.1	30.5
2	pH		day	6.5-8.5				8.24	7.36	7.45	7.85
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	383	24.2	24.2	10.1	1.25	0.82
4	Color	pt-co	day	15	Portable analyser-AQ3700			77	36	12	2
5	Suspended Solid	mg/L	day	...				209	7	7	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	EDTA Titration						
8	Magnesium	mg/L	Once a week	30-35	Portable analyser-AQ3700	17					
9	ORP	mv	Once a week	...	WTW PH ION 3310	120					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	50				
Remark:											