



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-04-2022

Test No: 1016

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: 10:15 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:30 AM	Sampling Time: 11:42 AM	Sampling Time: 11:55 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.9	30.5	30.7	30.5
2	pH		day	6.5-8.5				8.22	7.31	7.44	7.83
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	65.6	11.7	11.5	1.28	0.14	0.14
4	Color	pt-co	day	15	Portable analyser-AQ3700			28	0	0	0
5	Suspended Solid	mg/L	day	...				33	4	4	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	Portable analyser-AQ3700						
8	Magnesium	mg/L	Once a week	30-35		32.1					
9	ORP	mv	Once a week	...	WTW PH ION 3310					95.4	
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration					50	50
Remark:											