



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-01-2022

Test No: 930

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: 10:25 AM	Sampling Time: 10:30 AM	Sampling Time: 10:39 AM	Sampling Time: 11:29 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			20.7	20.8	21.3	21.3	
2	PH		day	6.5-8.5				7.89	7.53	7.68	7.72	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	48.1	5.16	5.08	1.37	0.21	0.2	
4	Color	pt-co	day	15	Portable analyser-AQ3700			35	1	0	0	
5	Suspended Solid	mg/L	day	...				38	3	3	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Aluminium	mg/L	Once a week	<0.2	DR3900							
8	Total Manganese	mg/L	Once a week	<0.1		0.018						
9	Total residual chlorine	mg/L	Twice a week	0.2		0.22						
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40
Remark:												