



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-04-2022

Test No: 1012

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: 8:00 AM	Sampling Time: 9:00 AM	Sampling Time: 10:05 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM				
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.6	30.2	31	30.5				
2	pH		day	6.5-8.5				8.4	7.2	7.57	7.87				
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.2	9.01	9	1.98	0.44	0.39				
4	Color	pt-co	day	15	Portable analyser-AQ3700			19	0	0	0				
5	Suspended Solid	mg/L	day	...				32	4	4	0	0	0		
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable				
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D										
8	Nitrogen-Nitrate	mg/L	Once a week	10	DR3900										
9	Nitrogen-Nitrite	mg/L	Once a week	<1											
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						50	40			
Remark:															