



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-04-2022

Test No: 1024

Weather: Sunny

SI 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: 7:52 AM	Sampling Time: 8:20 AM	Sampling Time: 9:48 AM	Sampling Time: 10:05 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			31.2	30.6	31.1	31.1		
2	pH		day	6.5-8.5				8.25	7.53	7.61	7.63		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	176	14.2	14.2	2.98	0.27	0.14		
4	Color	pt-co	day	15	Portable analyser-AQ3700			41	1	0	0		
5	Suspended Solid	mg/L	day	...				85	5	5	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								207
8	Salinity	PSU	Once a week	...									0.254
9	Conductivity	µS/cm	Once a week	...									421.3
10	Resistivity	Ω-cm	Once a week	...									2373
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50					50	

Remark: