



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-04-2023

Test No: 1368

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: 09:12 AM	Sampling Time: 09:25 AM	Sampling Time: 09:35 AM	Sampling Time: 10:10 AM	Sampling Time: 10:22 AM	Sampling Time: 10:30 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27	26.8	26.9	27.1	
2	pH		day	6.5-8.5				8.27	7.87	7.83	7.83	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	59.3	20.6	18.6	1.28	0.24	0.2	
4	Color	pt-co	day	15	Portable analyser-AQ3700			103	16	8	8	
5	Suspended Solid	mg/L	day	...				53	17	17	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1							
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	190	150					
Remark:												