



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-07-2023

Test No: 1459

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: 12:05 PM	Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:32 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.8	27.7	27.4	27.5	
2	pH		day	6.5-8.5				8.08	8.01	7.92	7.91	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	123	30.3	28.9	1.99	0.39	0.3	
4	Color	pt-co	day	15	Portable analyser-AQ3700			142	39	12	4	
5	Suspended Solid	mg/L	day	...				146	24	24	3	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1							0.24
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	260					
Remark:												