



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-03-2023

Test No: 1347

Weather: Cloudy

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: 09:00 AM	Sampling Time: 09:30 AM	Sampling Time: 10:15 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:05 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			25.6	25.2	24.9	25.4
2	pH		day	6.5-8.5				7.97	7.58	7.6	7.6
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	82.4	14.4	14	1.98	0.44	0.22
4	Color	pt-co	day	15	Portable analyser-AQ3700			67	19	12	0
5	Suspended Solid	mg/L	day	...				77	12	12	1
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						
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			90	50		
Remark:											