



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-06-2023

Test No: 1424

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: 10:45 AM	Sampling Time: 9:40 AM	Sampling Time: 09:45	Sampling Time: 10:05 AM	Sampling Time: 10:38 AM	Sampling Time: 10:55 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	29	29.3	29.7
	pH		day	6.5-8.5				8.26	7.89	7.64	7.61
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	47.6	17.9	16.94	1.78	0.53	0.25
4	Color	pt-co	day	15	Portable analyser-AQ3700			83	29	15	4
5	Suspended Solid	mg/L	day	...				46	9	9	2
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			120	570		
Remark:											