



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-06-2023

Test No: 1431

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: 8:48 AM	Sampling Time: 9:30 AM	Sampling Time: 9:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:07 AM	Sampling Time: 11:17 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.3	27.3	27.8	27.4
2	pH		day	6.5-8.5				8.19	7.82	7.81	7.77
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	53.4	15.4	15.1	1.99	0.52	0.46
4	Color	pt-co	day	15	Portable analyser-AQ3700			99	32	13	4
5	Suspended Solid	mg/L	day	...				49	15	15	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	USEPA1 DPD Method1						
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			840	570		
Remark:											