



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-07-2024

Test No: 1829

Weather: Rain

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (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: 10:05 AM	Sampling Time: 10:20 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM	Sampling Time: 10:42 AM	Sampling Time: 10:50 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.4	28	28.1	28.2		
2	pH		day	6.5-8.5				8.1	7.6	7.7	7.4		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	298	85.8	84	1.92	0.68	0.59		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			440	41	22	5		
5	Suspended Solid	mg/L	day	...				273	74	74	2	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2								17
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	70						70
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	93.5	150.4						167

Remark: