



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-07-2024

Test No: 1828

Weather: Cloudy

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: 09:30 AM	Sampling Time: 09:42 AM	Sampling Time: 10:30 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	28.7	28.6	28.5	
2	pH		day	6.5-8.5				8.1	7.7	7.9	7.9	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	462	81.7	81.4	1.96	0.56	0.16	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			444	31	11	7	
5	Suspended Solid	mg/L	day	...				470	72	72	2	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	91.06	152.5					175
8	Salinity	PSU	Once a week	...								0.222
9	Conductivity	μS/cm	Once a week	...								356.1
10	Resistivity	Ω-cm	Once a week	...								2808
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					70
Remark:												