



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-06-2023

Test No: 1808

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: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:35 AM	Sampling Time: 11:10 AM	Sampling Time: 11:18 AM	Sampling Time: 11:24 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.4	27.5	27.8	27.9
2	pH		day	6.5-8.5				8.4	8	8	8.1
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	115	32.4	32.3	1.96	0.73	0.28
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			159	28	9	5
5	Suspended Solid	mg/L	day	...				82	20	20	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	0.2-0.4	USEPA DPD Method1						
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			40	220		
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	129	387.9				
Remark:											