



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-11-2023

Weather: Rain

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (ECR-1997)	Instrument / Method	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water		
						Sampling Time: 10:30 AM	Sampling Time: 11:20 AM	Sampling Time: 11:45 AM	Sampling Time: 11:50 AM	Sampling Time: 11:55 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric		29	28.7	25.7	25.9		
2	pH		day	6.5-8.5			8.09	7.81	7.76	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	24.9	24.7	1.96	0.42	0.1		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric		102	31	14	3		
5	Suspended Solid	mg/L	day	...			16	15	2	0	0	
6	Taste and Odour		day	Odorless	Manual		Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						0.29	
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1						0.27	
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2						9	
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	40
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						134.3	136.1
Remark:												