



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 09-11-2023

Test No: 1584

Weather: Sunny

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: 10:16 AM	Sampling Time: 09:30 AM	Sampling Time: 10:20 AM	Sampling Time: 10:38 AM	Sampling Time: 11:00 AM	Sampling Time: 11:14 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.4	29.3	29.6	29.7	
2	pH		day	6.5-8.5				8.09	7.91	7.8	7.74	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	48.7	11.6	11	1.89	0.53	0.29	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			73	31	15	10	
5	Suspended Solid	mg/L	day	...				49	10	10	1	0
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	147.6	131.8					130.7
8	Salinity	PSU	Once a week	...								0.179
9	Conductivity	μS/cm	Once a week	...								265.7
10	Resistivity	Ω-cm	Once a week	...								3764
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
<b>Remark:</b>												