



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 21-07-2024

Test No: 1838

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: 10:55 AM	Sampling Time: 11:05 AM	Sampling Time: 11:15 AM	Sampling Time: 11:38 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29	28.9	28.6	28.8	
2	pH		day	6.5-8.5				7.9	7.4	7.6	7.6	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	477	110	109	1.92	0.62	0.2	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	24	14	13	
5	Suspended Solid	mg/L	day	...				461	94	94	2	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration							90
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	50					50
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	101	124.3					128.4
<b>Remark:</b>												