



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 15-04-2024

Test No: 1742

Weather: Sunny

Sl No	Test Item	Unit	Frequency	Detection limit (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: 09:30 AM	Sampling Time: 09:35 AM	Sampling Time: 09:58 AM	Sampling Time: 10:05 AM	Sampling Time: 10:10 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.4	28.4	28.8	28.6		
	pH		day	6.5-8.5				8.2	7.98	7.88	7.76		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	39.7	14.7	14.6	1.89	0.52	0.31		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			69	27	15	7		
5	Suspended Solid	mg/L	day	...				30	10	9	1	0	0
6	Taste and Odour		day	Odorless	Manual			<b>Dirty Smell</b>	No Objectionable	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method I								0.15
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	790	480						450
9	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	1263	833.6						795
<b>Remark:</b>													