



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 14-04-2024

Test No: 1741

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: 12:20 PM	Sampling Time: 12:25 PM	Sampling Time: 12:30 PM	Sampling Time: 12:45 PM	Sampling Time: 12:52 PM	Sampling Time: 12:57 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.6	29.7	29.6	29.8
2	pH		day	6.5-8.5				8.17	7.97	7.91	7.82
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.5	14.8	14.7	1.88	0.53	0.31
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			72	27	14	9
5	Suspended Solid	mg/L	day	...				44	9	9	1
6	Taste and Odour		day	Odorless	Manual			<b>Dirty Smell</b>	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			710	450		
8	Total Dissolved Solids	ppm	Once a week	1000	Orion Star <sup>TM</sup> A222 & A322	1412	804.1				
<b>Remark:</b>											