



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-04-2024

Test No: 1744

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: 12:30 PM	Sampling Time: 01:00 PM	Sampling Time: 03:00 PM	Sampling Time: 03:12 PM	Sampling Time: 03:25 PM	Sampling Time: 03:31 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			33.2	32.9	31.9	30		
2	pH		day	6.5-8.5				8.12	8.02	7.92	7.88		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.5	12.7	12	1.59	0.29	0.28		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			91	37	16	14		
5	Suspended Solid	mg/L	day	...				41	15	15	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	ORP	mv	Once a week	...	WTW pH/ ION 3310						17		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						480	500	500
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						864.4	860.2	848
Remark:													