



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-01-2024

Test No: 1642

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: 10:27 AM	Sampling Time: 10:35 AM	Sampling Time: 10:45 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22	22.2	22.5	22.4		
2	pH		day	6.5-8.5				8.2	8.09	7.98	7.88		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	36.4	18.82	17.53	1.79	0.51	0.17		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			55	24	4	2		
5	Suspended Solid	mg/L	day	...				31	15	15	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric								4.33
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	179.9	182.1						186
Remark:													