



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-07-2024

Test No: 1840

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: 10:35 AM	Sampling Time: 10:48 AM	Sampling Time: 10:57 AM	Sampling Time: 11:25 AM	Sampling Time: 11:38 AM	Sampling Time: 11:48 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.8	28.1	28.1	27.5
2	pH		day	6.5-8.5				7.9	7.5	7.5	7.6
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	399	113	113	1.95	0.45	0.31
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	38	11	10
5	Suspended Solid	mg/L	day	...				368	101	101	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						53.8
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	50				50
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	103	120.7				127.8
Remark:											