



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-09-2024

Test No: 1882

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: 09:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.2	27.8	27.2	27.1	
2	pH		day	6.5-8.5				8.3	7.9	8	8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	391	50.9	50.8	1.9	0.98	0.32	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			281	36	15	14	
5	Suspended Solid	mg/L	day	...				371	43	43	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Ammonia	mg/L	Once a week	0.5	Salicylate Method							0.209
8	Silica	mg/L	Once a week	...	Heteropoly Blue Method1	39.2						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	122.1	119.8					123.4
Remark:												