



110 MLD Surface Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-09-2024

Test No: 1881

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: 09:50 AM	Sampling Time: 10:20 AM	Sampling Time: 10:35 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.4	27.4	27.2	27.3		
2	pH		day	6.5-8.5				8.7	7.7	7.8	7.9		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	491	57.4	57.2	1.92	0.9	0.2		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			319	31	15	14		
5	Suspended Solid	mg/L	day	...				481	51	51	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method I								0.28
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	122.2	118.2						122.4
Remark:													