



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-04-2024

Test No: 1743

Weather: Sunny

Sl No	Test Item	Unit	Frequency	Detection limit (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: 11:30AM	Sampling Time: 11:35 AM	Sampling Time: 11:40 AM	Sampling Time: 12:04 PM	Sampling Time: 12:12 PM	Sampling Time: 12:20PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.3	29.4	29.6	29.7
2	pH		day	6.5-8.5				8.17	7.97	7.91	7.81
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	47.6	14.2	14.1	1.79	0.53	0.33
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			69	23	12	9
5	Suspended Solid	mg/L	day	...				37	10	10	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322			1008	857.6		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	580	500	470			
Remark:											