



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-06-2023

Test No: 1442

Weather: Cloudy

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: 9:02 AM	Sampling Time: 9:15 AM	Sampling Time: 9:25 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 10:55 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.1	30	30.3	30.8
2	pH		day	6.5-8.5				7.79	7.71	7.67	7.63
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.1	16.7	16.4	1.99	0.45	0.2
4	Color	pt-co	day	15	Portable analyser-AQ3700			102	34	16	6
5	Suspended Solid	mg/L	day	...				55	18	18	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						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	340	500				
Remark:											