



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-04-2022

Test No: 1014

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: 10:00 AM	Sampling Time: 9:30 AM	Sampling Time: 10:10 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			31.7	31.1	30.6	30.8
2	pH		day	6.5-8.5				8.17	7.24	7.44	7.47
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	52.1	7.87	7.8	1.81	0.41	0.13
4	Color	pt-co	day	15	Portable analyser-AQ3700			27	0	0	0
5	Suspended Solid	mg/L	day	...				20	2	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	<0.2	DR3900						
8	Total Manganese	mg/L	Once a week	<0.1		0.012					
9	Total Iron	mg/L	Once a week	<0.3		0.05					
10	Total residual chlorine	mg/L	Twice a week	0.2		0.32					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50				40
Remark:											