



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-01-2022

Test No: 920

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: 8:30 AM	Sampling Time: 8:45 AM	Sampling Time: 9:57 AM	Sampling Time: 10:57 AM	Sampling Time: 11:07 AM	Sampling Time: 11:17 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.8	21.7	21.8	21.8		
2	PH		day	6.5-8.5				7.81	7.65	7.65	7.67		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	55.3	5.83	5.2	0.73	0.25	0.17		
4	Color	pt-co	day	15	Portable analyser-AQ3700			36	9	0	0		
5	Suspended Solid	mg/L	day	...				51	4	4	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2	DR3900								0.22
8	Fluoride	mg/L	Once a week	1									0.24
9	Sulphate	mg/L	Once a week	400									13
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
Remark:													