



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-12-2021

Test No: 888

Weather: Haze

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: 9:19 AM	Sampling Time: 10:07 AM	Sampling Time: 10:17 AM	Sampling Time: 11:14 AM	Sampling Time: 11:28 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.2	24.1	23.9	24.2	
2	PH		day	6.5-8.5				7.37	7.13	7.29	7.31	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	75.8	6.41	6.31	1.61	0.28	0.16	
4	Color	pt-co	day	15	Portable analyser-AQ3700			47	3	0	0	
5	Suspended Solid	mg/L	day	...				58	4	4	0	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		0.03						
10	Total residual chlorine	mg/L	Twice a week	0.2		0.26						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40
Remark:												