



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-12-2022

Test No: 1257

Weather: Cloudy

SI 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: 8:40 AM	Sampling Time: 8:45 AM	Sampling Time: 9:33 AM	Sampling Time: 9:38 AM	Sampling Time: 9:43 AM	Sampling Time: 9:48 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.5	23.3	23.5	23	
2	pH		day	6.5-8.5				7.67	7.6	7.58	7.56	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	124	20.5	15.1	2.5	0.6	0.39	
4	Color	pt-co	day	15	Portable analyser-AQ3700			96	25	14	13	
5	Suspended Solid	mg/L	day	...				112	17	14	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							4.19
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							0.6
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							0.008
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20		
Remark:												