



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-08-2022

Test No: 1132

Weather: Rain

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: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 11:55 AM	Sampling Time: 1:40 PM	Sampling Time: 1:45 PM	Sampling Time: 1:51 PM			
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.3	29.1	29	29.1			
2	pH		day	6.5-8.5				7.58	7.48	7.42	7.38			
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	356	69.2	68.1	3.82	0.61	0.29			
4	Color	pt-co	day	15	Portable analyser-AQ3700			481	39	10	6			
5	Suspended Solid	mg/L	day	...				428	86	86	1	0	0	
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable			
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration									
8	Hardness	mg/L	Once a week	200-500	EDTA Titration									
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration							20	20	
Remark:														