



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-12-2021

Test No: 896

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: 9:25 AM	Sampling Time: 9:30 AM	Sampling Time: 10:32 AM	Sampling Time: 11:31 AM	Sampling Time: 11:48 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.6	22.6	22.4	22.9
2	PH		day	6.5-8.5				7.5	7.28	7.35	7.51
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	89.7	7.36	6.22	1.73	0.19	0.16
4	Color	pt-co	day	15	Portable analyser-AQ3700			67	9	6	4
5	Suspended Solid	mg/L	day	...				85	4	4	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Nitrogen-Ammoniacal	mg/L	Once a week	0.5	DR3900						
8	Silica	mg/L	Once a week	...		62.4					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40			40	
Remark:											