



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-11-2022

Test No: 1228

Weather: Suuny

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: 9:50 AM	Sampling Time: 10:00 AM	Sampling Time: 10:05 AM	Sampling Time: 11:08 AM	Sampling Time: 11:15 AM	Sampling Time: 11:20 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.3	26.2	26.4	26.2		
2	pH		day	6.5-8.5				7.43	7.34	7.29	7.23		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	57.3	16.5	16.5	1.84	0.38	0.2		
4	Color	pt-co	day	15	Portable analyser-AQ3700			93	11	2	0		
5	Suspended Solid	mg/L	day	...				53	12	12	1	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	USEPA DPD Method1								0.2
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1								0.21
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2								7
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				20		
Remark:													