



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-11-2022

Test No: 1235

Weather: Sunny

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: 9:20 AM	Sampling Time: 9:00 AM	Sampling Time: 9:45 AM	Sampling Time: 10:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:26 AM							
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.1	26.6	25.9	26.3							
2	pH		day	6.5-8.5				7.92	7.72	7.66	7.71							
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	22.9	10.2	9.05	3.04	0.4	0.31							
4	Color	pt-co	day	15	Portable analyser-AQ3700			70	37	10	6							
5	Suspended Solid	mg/L	day	...				25	8	8	2	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								0.1					
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1													0.25
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2													
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				20							
Remark:																		