



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-10-2022

Test No: 1193

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: 9:14 AM	Sampling Time: 9:20 AM	Sampling Time: 10:15 AM	Sampling Time: 10:48 AM	Sampling Time: 10:55 AM	Sampling Time: 11:00 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.6	29.5	29.5	29.3					
2	pH		day	6.5-8.5				7.97	7.29	7.22	7.11					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	345	34	33.3	3.21	0.31	0.16					
4	Color	pt-co	day	15	Portable analyser-AQ3700			173	23	20	14					
5	Suspended Solid	mg/L	day	...				330	30	30	3	1	1			
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	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											0.03
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:																