



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-09-2022

Test No: 1151

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: 9:30 AM	Sampling Time: 10:05 AM	Sampling Time: 10:41 AM	Sampling Time: 10:53 AM	Sampling Time: 11:00 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.5	28.8	28.5	27.9					
2	pH		day	6.5-8.5				7.32	7.27	7.2	7.3					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	496	50.1	50	10.8	0.99	0.99					
4	Color	pt-co	day	15	Portable analyser-AQ3700			317	84	15	14					
5	Suspended Solid	mg/L	day	...				577	50	50	8	2	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							0.06				
8	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1											0.07
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:																