



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-09-2022

Test No: 1158

Weather: Cloudy

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: 11:50 AM	Sampling Time: 10:07 AM	Sampling Time: 10:17 AM	Sampling Time: 11:25 AM	Sampling Time: 11:35 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.2	31	30.2	29.7	
2	pH		day	6.5-8.5				7.57	7.46	7.32	7.36	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	506	152	151	11.8	0.45	0.36	
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	48	12	5	
5	Suspended Solid	mg/L	day	...				591	162	162	8	0
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							0.19
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					
Remark:												