



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-10-2021

Test No: 833

Weather: Rain

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: 9:40 AM	Sampling Time: 9:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:45 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300	/		27.9	27.7	27.7	27.7	
2	PH		day	6.5-8.5				7.9	7.61	7.57	7.6	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	84.4	10.5	10.5	0.73	0.31	0.2	
4	Color	pt-co	day	15	Portable analyser-AQ3700	/		49	14	9	6	
5	Suspended Solid	mg/L	day	...				75	8	8	0	0
6	Taste and Odour		day	Odorless	Manual	/		Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Nitrogen-Ammoniacal	mg/L	Once a week	0.5	DR3900			/				
8	Silica	mg/L	Once a week	...		53.4						
9	Total coliforms	CFU/100 ml	Once a week	0	MC-Media Pad®	2000	8100	/				0
10	E. coli	CFU/100 ml	Once a week	0		0	0					0
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40	/				40
Remark:												