



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 04-01-2022

Test No: 910

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: 10:41 AM	Sampling Time: 10:20 AM	Sampling Time: 9:45 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:07 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.6	21.8	21.7	22.5
2	PH		day	6.5-8.5				7.66	7.4	7.49	7.59
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	67.3	4.69	4.6	0.84	0.23	0.22
4	Color	pt-co	day	15	Portable analyser-AQ3700			34	10	9	9
5	Suspended Solid	mg/L	day	...				57	3	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Silica	mg/L	Once a week	...	DR3900						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				

Remark:



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						Sampling Time: 10:41 AM	Sampling Time: 10:20 AM	Sampling Time: 11:07 AM
1	Total Coliforms	CFU/100 ml	Once a week	0	MC-Media Pad®	12400	1500	0
2	E. Coliforms	CFU/100 ml	Once a week	0		0	400	0
Remark:								