



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-08-2022

Test No: 1134

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: 11:25 AM	Sampling Time: 9:30 AM	Sampling Time: 10:06 AM	Sampling Time: 10:32 AM	Sampling Time: 10:47 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.5	28.1	27.3	27.1
2	pH		day	6.5-8.5				7.2	7.15	7.12	7.17
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	544	97.3	97.3	2.91	0.31	0.17
4	Color	pt-co	day	15	Portable analyser-AQ3700			500	24	8	6
5	Suspended Solid	mg/L	day	...				534	97	97	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Nitrogen-Ammoniacal	mg/L	Once a week	0.5	Salicylate Method						
8	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											