



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-07-2023

Test No: 1466

Weather: Cloudy

SI 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: 09:20 AM	Sampling Time: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:15 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28.2	28.2	28.1
2	pH		day	6.5-8.5				8.51	8.21	8.06	7.94
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	153	38.8	38	1.99	0.25	0.15
4	Color	pt-co	day	15	Portable analyser-AQ3700			250	44	8	8
5	Suspended Solid	mg/L	day	...				169	43	43	4
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						
8	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			40	140		
Remark:											