



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 14-04-2023

Test No: 1375

Weather: Sunny

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: 08:27 AM	Sampling Time: 08:35 AM	Sampling Time: 10:28 AM	Sampling Time: 10:58 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.9	27.9	27.8	27.9
2	pH		day	6.5-8.5				8.28	7.88	7.81	7.79
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	137	14.6	14.3	1.99	0.92	0.24
4	Color	pt-co	day	15	Portable analyser-AQ3700			94	40	15	6
5	Suspended Solid	mg/L	day	...				109	13	13	2
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			330	220		
<b>Remark:</b>											