



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 16-04-2023

Test No: 1377

Weather: Mostly Sunny

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: 08:45 AM	Sampling Time: 08:50 AM	Sampling Time: 08:10 AM	Sampling Time: 08:35 AM	Sampling Time: 08:58 AM	Sampling Time: 12:40 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.2	30.4	28.5	28.5
2	pH		day	6.5-8.5				8.43	8.12	7.83	7.81
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	52.8	10.94	10.46	1.42	0.43	0.31
4	Color	pt-co	day	15	Portable analyser-AQ3700			67	16	8	8
5	Suspended Solid	mg/L	day	...				49	9	8	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700	145					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	280	240				
<b>Remark:</b>											