



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 21-07-2023

Test No: 1473

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: 09:50 AM	Sampling Time: 10:05 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:32 AM	Sampling Time: 10:40 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.9	27.9	27.5	27.6
2	pH		day	6.5-8.5				8.44	8.35	8.25	8.13
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	260	43	41.3	1.98	0.43	0.17
4	Color	pt-co	day	15	Portable analyser-AQ3700			281	22	10	9
5	Suspended Solid	mg/L	day	...				329	45	45	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	Fluoride	mg/L	Once a week	1	USEPA SPADNS Method1	0.17					
9	Sulfate	mg/L	Once a week	400	USEPA1 SulfaVer 4 Method2	24					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	80				
Remark:											