



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 09-07-2022

Test No: 1096

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: 9:47 AM	Sampling Time: 10:00 AM	Sampling Time: 10:25 AM	Sampling Time: 11:35 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			31.3	31.2	30.9	31					
2	pH		day	6.5-8.5				7.2	6.87	6.94	7.04					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	188	27.3	27.2	2.8	0.34	0.15					
4	Color	pt-co	day	15	Portable analyser-AQ3700			138	9	0	0					
5	Suspended Solid	mg/L	day	...				172	21	21	0	0	0			
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable					
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							2.16				
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method											0.6
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1											
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20			20						
<b>Remark:</b>																