



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 15-04-2023

Test No: 1376

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: 8:25 AM	Sampling Time: 8:45 AM	Sampling Time: 9:30 AM	Sampling Time: 10:16 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM					
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.1	29.3	29.3	29.4					
2	pH		day	6.5-8.5				8.35	7.89	7.85	7.86					
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	109	15.2	14.9	1.98	0.52	0.41					
4	Color	pt-co	day	15	Portable analyser-AQ3700			95	24	5	3					
5	Suspended Solid	mg/L	day	...				76	16	16	5	0	0			
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable					
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D							2.6				
8	Nitrogen-Nitrate	mg/L	Once a week	10	Cadmium Reduction Method											0.4
9	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1											
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	280	230			220						
<b>Remark:</b>																