



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-09-2021

Test No: 798

Weather: Rain

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: 11:05 AM	Sampling Time: 9:00 AM	Sampling Time: 11:48 AM	Sampling Time: 11:55 AM	Sampling Time: 12:03 PM	Sampling Time: 12:12 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.7	27.5	27.5	28
2	PH		day	6.5-8.5				7.05	6.95	6.96	6.98
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	423	50.9	50.2	1.38	0.26	0.18
4	Color	pt-co	day	15	Portable analyser-AQ3700			142	18	0	0
5	Suspended Solid	mg/L	day					420	46	46	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No	No	No
7	Nitrogen-Ammoniacal	mg/L	Once a week	0.5	DR3900						
8	Silica	mg/L	Once a week			40.3					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	40				40
Remark:											