Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-05-2023 **Test No: 1404** **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: 09:11 AM	Sampling Time: 09:22 AM	Sampling Time: 10:15 AM	Sampling Time: 10:48 AM	Sampling Time: 11:01 AM	Sampling Time: 11:10 AM
1	**Temperature**	℃	day	20-30	Portable analyser-ST300			28.9	28.4	28.3	28.6
2	**pH**		day	6.5-8.5				8.12	8.05	7.99	7.99
3	**Turbidity**	NTU	day	<1 NTU	WTW PhotoFlex Turb	19.9	18	17.3	1.95	0.93	0.33
4	**Color**	pt-co	day	15	Portable analyser-AQ3700			101	24	15	8
5	**Suspended Solid**	mg/L	day	...		21	16	16	0	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						3.17
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						0.003
10	**Chloride**	ppm	day	150-600	Mercuric Nitrate Titration	630	540				530

Remark: