

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 04-02-2021.

Parameters	Units	Hazratbal		Habak		Laam		Brarinambal LDA		Brarinambal UEED		Nallah Amir Khan		Norms as per NGT	Permissible limits as per CPCB
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final		
Air Temperature	°C	6.5		7.7		6.1		6.1		6.1		6.2		--	--
W. Temp.	°C	8.0	7.6	6.8	7.4	7.7	7.7	5.6	5.5	6.4	5.8	6.9	6.6	--	5°C above receiving water body
pH	--	7.4	7.6	7.3	7.5	7.1	7.5	7.4	7.6	7.4	7.5	7.3	7.4	5.5-9.0	5.5-9.0
Dissolved Oxygen	mg/l	0.5	5.8	0.5	5.8	0.5	5.6	0.8	6.9	0.2	3.0	0.6	6.8		--
Ammonical Nitrogen	mg/l	18.5	14.9	17.8	16.5	12.7	10.9	17.9	2.8	18.7	17.8	12.5	2.5	TOTAL NITROGEN : 10	50
Total Phosphorous	mg/l	2.1	1.1	2.0	1.0	1.9	1.4	2.1	0.8	2.5	2.0	2.0	0.8	1.0 as T.P	5.0
T.S.S	mg/l	225	36	259	41	231	45	236	27	274	125	198	26	20	100
Fecal Coliform	Col/100 ml	-	470	-	450	-	450	--	480	--	2600	-	470	Desirable =100 Permissible =230	-

Note: - Samples for BOD Estimation under incubation.