

## J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 19-12-2020.

Parameters	Units	Hazratbal		Habak		Laam		Brarinambal LDA		Brarinambal UEED		Nallah Amir Khan		Norms as per NGT
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temperature	°C	7.7	7.5	8.4	8.3	8.6	8.5	8.8	8.8	9.0	8.9	10.4	10.4	--
W. Temp.	°C	10.2	10.3	8.8	8.9	10.9	11.0	9.5	9.6	9.4	8.6	11.6	10.2	--
pH	--	7.31	7.8	7.2	7.8	7.3	7.9	7.0	7.9	7.0	7.6	7.4	7.9	5.5-9.0
Dissolved Oxygen	mg/l	2.4	4.4	3.2	4.8	4.0	6.4	0.4	5.6	1.6	2.8	2.0	6.8	
Nitrate Nitrogen	mg/l	0.5	0.7	0.4	0.6	0.3	0.5	0.4	0.8	0.7	1.0	0.5	0.8	TOTAL NITROGEN : 10
Orthophosphate	mg/l	1.7	0.9	2.0	0.7	1.3	0.7	2.1	0.5	2.2	1.5	1.7	0.7	1.0 as T.P
T.S.S	mg/l	225	48	261	47	245	35	291	25	296	142	350	26	20
Fecal Coliform	Col/100 ml	--	350	--	400	--	350	--	400	--	2100	--	350	Desirable =100 Permissible =230

Note: - Samples for BOD Estimation under incubation