

## J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 18-07-2020.

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	30.2	31.2	30.5	31.6	30.0	31.1	30.0	31.5	29.9	31.0	30.0	31.0	--
W. Temp.	°C	21.5	23.2	21.8	22.8	21.0	22.3	24.2	25.5	23.1	24.0	21.5	22.5	--
pH	--	7.1	7.4	7.1	7.3	7.2	7.4	7.2	7.4	7.1	7.3	7.1	7.3	5.5-9.0
Nitrate Nitrogen	mg/l	<sup>1.5</sup>	0.5	1.0	0.6	0.7	0.4	1.6	0.6	2.4	1.4	1.1	0.8	TOTAL NITROGEN : 10
Ammonical Nitrogen	mg/l	28.5	22.1	29.9	26.9	17.1	15.5	22.9	7.2	24.7	15.8	<sup>25.6</sup>	23.9	
T.Phosphorous	mg/l	2.7	0.8	2.8	1.1	2.3	1.4	1.5	0.6	1.6	1.5	1.9	1.3	1.0
T.S.S	mg/l	290	139	265	165	213	119	301	55	345	240	218	123	20
Fecal Coliform	Col/100 ml	-	830	-	800	-	650	-	600	-	3800	-	600	Desirable =100 Permissible =230

Note: - Results for BOD will be submitted separately as samples are in incubation.