

## J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 15-01-2021.

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	4.9		5.1		3.2		2.5		2.7		4.2		--	--
W. Temp.	°C	8.1	8.5	6.8	7.2	8.1	8.0	6.2	6.1	5.2	5.1	8.6	7.3	--	5°C above receiving water body
pH	--	7.4	7.6	7.4	7.7	7.2	7.7	7.3	7.9	7.2	7.6	7.4	7.8	5.5-9.0	5.5-9.0
Dissolved Oxygen	mg/l	0.4	5.8	0.6	5.8	1.0	5.8	0.8	6.8	0.2	3.2	0.6	7.0		--
Ammonical Nitrogen	mg/l	11.9	10.3	12.7	11.8	9.5	7.8	12.7	3.0	13.5	8.9	10.8	4.2	TOTAL NITROGEN : 10	50
Total Phosphorous	mg/l	2.1	0.8	2.2	1.2	1.8	0.5	2.0	0.4	2.3	1.6	2.0	0.6	1.0 as T.P	5.0
T.S.S	mg/l	274	51	320	60	285	30	270	28	352	140	255	25	20	100
Fecal Coliform	Col/100 ml	--	400	--	450	--	350	--	360	--	2100	--	375	Desirable =100 Permissible =230	-

Note: - Samples for BOD Estimation under incubation.

## J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 16-01-2021.

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	4.9		4.8		4.1		4.6		4.7		4.9		--	--
W. Temp.	°C	8.5	8.1	6.8	6.4	7.2	8.2	6.2	5.7	6.8	5.6	8.2	7.9	--	5°C above receiving water body
pH	--	7.4	7.5	7.3	7.5	7.2	7.5	7.3	7.6	7.1	7.7	7.3	7.6	5.5-9.0	5.5-9.0
Dissolved Oxygen	mg/l	0.6	6.0	0.8	6.2	1.0	6.0	0.6	6.6	0.4	2.8	0.4	7.0		--
Ammonical Nitrogen	mg/l	11.5	10.0	12.4	11.2	9.5	7.2	12.1	2.8	13.3	8.5	11.0	4.0	TOTAL NITROGEN : 10	50
Total Phosphorous	mg/l	2.3	0.9	2.4	1.3	1.9	0.8	2.2	0.8	2.5	1.8	2.5	0.5	1.0 as T.P	5.0
T.S.S	mg/l	281	42	310	50	241	31	254	25	315	145	243	28	20	100
Fecal Coliform	Col/100 ml	--	425	--	450	--	370	--	375	--	2200	--	400	Desirable =100 Permissible =230	-

Note: - Samples for BOD Estimation under incubation.