

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 18-01-2021.

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	5.1		6.1		5.6		5.7		6.4		7.6		--	--
W. Temp.	°C	8.8	8.3	6.8	6.8	8.1	8.7	6.1	5.7	6.6	5.4	9.0	7.2	--	5°C above receiving water body
pH	--	7.2	7.6	7.4	7.6	7.3	7.5	7.2	7.5	7.2	7.6	7.4	7.5	5.5-9.0	5.5-9.0
Dissolved Oxygen	mg/l	0.5	5.8	0.6	6.4	0.8	6.2	0.6	6.8	0.6	3.0	0.6	7.2		--
Ammonical Nitrogen	mg/l	12.8	10.2	13.1	11.0	10.5	9.2	12.9	2.5	13.5	12.5	11.3	3.5	TOTAL NITROGEN : 10	50
Total Phosphorous	mg/l	2.0	0.8	2.3	1.6	2.1	0.8	2.7	0.9	2.6	1.9	3.0	0.6	1.0 as T.P	5.0
T.S.S	mg/l	256	39	325	54	229	30	250	26	330	147	223	26	20	100
Fecal Coliform	Col/100 ml	--	450	--	470	--	375	--	390	--	2300	--	400	Desirable =100 Permissible =230	-

Note: - Samples for BOD Estimation under incubation.

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Physico-chemical analysis report of different STPs as on 19-01-2021.

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	3.3		2.5		2.6		4.0		4.0		4.4		--	--
W. Temp.	°C	7.9	7.8	6.6	6.8	7.2	7.4	6.2	5.8	6.6	5.6	7.2	7.3	--	5°C above receiving water body
pH	--	7.3	7.5	7.3	7.6	7.4	7.7	7.1	7.6	7.1	7.5	7.4	7.6	5.5-9.0	5.5-9.0
Dissolved Oxygen	mg/l	0.8	4.4	1.2	5.2	1.6	6.2	1.2	6.4	0.8	3.2	0.4	5.8		--
Ammonical Nitrogen	mg/l	12.0	10.8	13.5	11.8	10.6	9.3	13.4	2.8	13.9	12.8	11.0	3.8	TOTAL NITROGEN : 10	50
Total Phosphorous	mg/l	2.1	0.9	2.2	1.8	2.2	1.2	2.1	0.8	2.7	2.0	2.9	0.8	1.0 as T.P	5.0
T.S.S	mg/l	215	36	290	48	210	42	232	25	305	127	210	24	20	100
Fecal Coliform	Col/100 ml	--	410	--	450	--	350	--	400	--	2400	--	410	Desirable =100 Permissible =230	-

Note: - Samples for BOD Estimation under incubation.