

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 21-01-2021.

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	5.5		4.8		4.8		5.3		5.3		4.8		--	--
W. Temp.	°C	7.6	8.0	6.6	6.8	8.5	8.6	6.2	6.1	6.4	6.0	6.9	6.9	--	5°C above receiving water body
pH	--	7.4	7.7	7.2	7.6	7.3	7.6	7.2	7.5	7.0	7.6	7.3	7.5	5.5-9.0	5.5-9.0
Dissolved Oxygen	mg/l	0.4	6.2	0.8	5.4	1.6	6.0	1.2	6.2	1.0	3.6	1.6	5.6		--
Ammonical Nitrogen	mg/l	12.7	10.9	13.8	12.2	10.7	9.5	13.8	2.9	13.5	12.7	11.3	3.5	TOTAL NITROGEN : 10	50
Total Phosphorous	mg/l	2.3	1.0	2.5	1.9	2.3	1.1	2.4	0.7	2.8	2.2	2.6	0.7	1.0 as T.P	5.0
T.S.S	mg/l	210	32	295	45	213	40	240	23	324	132	223	23	20	100
Fecal Coliform	Col/100 ml	--	430	--	450	--	380	--	410	--	2500	--	430	Desirable =100 Permissible =230	-

Note: - Samples for BOD Estimation under incubation.

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Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 22-01-2021.

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	5.0		3.7		4.3		3.9		4.8		3.2		--	--
W. Temp.	°C	8.2	8.0	7.0	6.7	8.4	7.9	6.8	6.6	6.1	5.1	8.1	7.2	--	5°C above receiving water body
pH	--	7.2	7.6	7.2	7.6	7.2	7.5	7.3	7.4	7.3	7.5	7.4	7.5	5.5-9.0	5.5-9.0
Dissolved Oxygen	mg/l	0.8	5.6	0.8	5.8	1.0	6.0	0.8	6.4	0.2	3.2	1.2	6.8		--
Ammonical Nitrogen	mg/l	12.0	10.0	13.6	12.5	10.9	10.1	13.5	2.3	13.5	13.2	11.0	2.1	TOTAL NITROGEN : 10	50
Total Phosphorous	mg/l	2.0	0.8	2.7	2.0	2.0	1.0	2.5	0.8	2.2	2.0	2.1	0.6	1.0 as T.P	5.0
T.S.S	mg/l	255	38	263	41	204	33	254	31	306	121	217	26	20	100
Fecal Coliform	Col/100 ml	--	450	--	460	--	400	--	400	--	2400	--	400	Desirable =100 Permissible =230	-

Note: - Samples for BOD Estimation under incubation.