

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 01-02-2021.

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	4.1		4.1		3.6		3.9		3.9		5.4		--	--
W. Temp.	°C	7.1	7.2	6.1	6.1	7.0	7.3	4.8	4.9	5.3	5.5	6.8	6.9	--	5°C above receiving water body
pH	--	7.4	7.6	7.3	7.5	7.4	7.6	7.4	7.7	7.4	7.5	7.4	7.5	5.5-9.0	5.5-9.0
Dissolved Oxygen	mg/l	0.8	5.6	0.8	5.4	0.8	5.2	0.8	6.9	0.4	3.8	1.2	6.2		--
Ammonical Nitrogen	mg/l	15.7	13.2	16.5	15.1	12.9	10.5	17.5	2.6	18.0	17.1	12.0	2.2	TOTAL NITROGEN : 10	50
Total Phosphorous	mg/l	2.7	0.9	2.6	1.0	2.2	1.1	2.5	0.6	2.8	2.0	2.8	0.8	1.0 as T.P	5.0
T.S.S	mg/l	232	40	255	51	254	48	223	28	275	152	181	24	20	100
Fecal Coliform	Col/100 ml	-	470	-	450	-	460	--	470	--	2500	-	450	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 03-02-2021.

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	2.9		3.3		3.2		3.5		3.5		4.8		--	--
W. Temp.	°C	7.6	7.5	6.4	6.3	7.2	7.6	5.4	5.2	5.3	5.2	6.6	6.5	--	5°C above receiving water body
pH	--	7.3	7.5	7.3	7.5	7.2	7.4	7.3	7.5	7.3	7.5	7.3	7.5	5.5-9.0	5.5-9.0
Dissolved Oxygen	mg/l	0.5	5.3	0.6	5.6	0.6	5.4	0.6	6.8	0.0	3.4	0.2	6.4		--
Ammonical Nitrogen	mg/l	18.1	14.5	17.3	16.0	12.4	10.6	17.7	2.4	18.5	17.2	12.9	2.6	TOTAL NITROGEN : 10	50
Total Phosphorous	mg/l	2.6	1.5	2.3	0.9	2.0	0.8	2.2	1.0	2.4	1.9	2.1	0.7	1.0 as T.P	5.0
T.S.S	mg/l	201	33	250	53	225	42	220	25	253	122	175	25	20	100
Fecal Coliform	Col/100 ml	-	450	-	430	-	450	--	460	--	2400	-	475	Desirable =100 Permissible =230	-

Note: - Samples for BOD Estimation under incubation.