

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 16-12-2020.

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	11.6	11.5	10.7	10.8	11.9	11.8	10.2	10.1	10.9	11.0	12.2	11.5	--
W. Temp.	°C	10.7	11.3	10.0	11.1	12.9	12.8	11.1	10.1	11.2	9.8	11.3	11.2	--
pH	--	7.2	7.7	7.4	7.8	7.3	7.9	7.1	7.8	7.0	7.7	7.4	7.8	5.5-9.0
Dissolved Oxygen	mg/l	1.2	2.8	2.0	5.2	2.8	6.4	1.6	6.0	2.0	2.4	1.2	6.0	
Nitrate Nitrogen	mg/l	0.4	0.6	0.55	1.1	0.4	0.5	0.9	1.9	0.8	1.0	0.4	1.1	TOTAL NITROGEN : 10
Orthophosphate	mg/l	1.8	0.6	2.6	0.9	1.8	0.5	2.4	0.3	2.9	1.5	1.8	0.3	1.0 as T.P
T.S.S	mg/l	225	45	345	67	238	38	405	21	460	164	230	19	20
Fecal Coliform	Col/100 ml	--	600	--	650	--	450	--	400	--	3000	--	400	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 17-12-2020.

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	10.8	9.4	9.2	9.1	9.1	9.2	12.5	12.4	12.4	12.5	9.7	9.8	--
W. Temp.	°C	9.3	10.9	9.5	9.4	11.4	11.3	10.3	9.8	9.7	9.4	12.3	10.5	--
pH	--	7.4	7.9	7.3	7.7	7.2	7.8	7.2	7.9	7.1	7.6	7.2	7.9	5.5-9.0
Dissolved Oxygen	mg/l	1.2	3.2	1.2	3.8	2.4	5.6	1.2	6.8	0.4	2.8	1.2	5.8	
Nitrate Nitrogen	mg/l	0.3	0.7	0.4	0.9	0.4	0.8	0.6	1.8	0.9	1.1	0.4	1.0	TOTAL NITROGEN : 10
Orthophosphate	mg/l	1.9	0.6	2.3	0.8	1.5	0.5	2.5	0.4	2.6	1.4	2.5	0.4	1.0 as T.P
T.S.S	mg/l	236	82	210	54	242	30	396	19	308	175	372	18	20
Fecal Coliform	Col/100 ml	--	500	--	550	--	400	--	350	--	2200	--	350	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 18-12-2020.

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	7.5	7.6	6.3	6.4	6.5	6.6	6.2	6.0	6.1	6.0	10.1	10.0	--
W. Temp.	°C	11.2	10.3	9.3	9.4	10.1	11.0	9.8	9.6	9.5	9.4	11.7	10.9	--
pH	--	7.3	7.9	7.2	7.7	7.1	7.8	7.2	7.9	7.1	7.8	7.5	7.9	5.5-9.0
Dissolved Oxygen	mg/l	0.8	4.0	2.0	3.2	4.0	4.4	1.2	5.6	1.6	3.2	1.6	4.8	
Nitrate Nitrogen	mg/l	0.4	0.5	0.5	0.6	0.4	0.7	0.5	0.7	0.5	1.1	0.4	0.9	TOTAL NITROGEN : 10
Orthophosphate	mg/l	2.1	0.7	2.4	0.9	1.5	0.8	2.1	0.3	2.4	1.5	3.2	0.8	1.0 as T.P
T.S.S	mg/l	218	38	253	59	263	32	287	20	284	194	363	29	20
Fecal Coliform	Col/100 ml	--	350	--	450	--	300	--	300	--	2000	--	300	Desirable =100 Permissible =230

Note: - Samples for BOD Estimation under incubation.