

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 26-08-2020.

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	24.8	24.1	24.9	21.0	25.0	20.8	22.4	NA	22.4	19.9	22.2	20.3	--
W. Temp.	°C	22.5	22.2	23.1	22.7	22.5	22.3	23.9	NA	23.3	23.0	22.1	20.1	--
pH	--	7.5	8.0	7.5	8.0	7.5	7.9	7.6	NA	7.4	7.9	7.5	7.8	5.5-9.0
Nitrate Nitrogen	mg/l	0.5	0.6	0.5	0.8	0.4	0.6	0.6	NA	0.7	1.1	0.5	0.4	TOTAL NITROGEN : 10
Ammonical Nitrogen	mg/l	18.0	17.6	22.5	20.1	10.2	9.1	23.0	NA	22.5	18.7	17.0	15.7	
T.Phosphorous	mg/l	2.9	1.0	2.1	1.1	1.4	1.3	2.1	NA	2.2	1.1	1.8	1.0	1.0
T.S.S	mg/l	290	125	287	142	268	129	321	NA	385	275	254	165	20
BOD	mg/l	-	32	-	31	-	30	-	NA	-	67	-	34	10
Fecal Coliform	Col/100 ml	-	900	-	950	-	650	-	NA	-	4800	-	800	Desirable =100 Permissible =230

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 28-08-2020.

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	22.4	24.0	22.5	24.5	22.3	24.0	25.5	23.4	25.3	23.4	25.2	22.8	23.4 --
W. Temp.	°C	20.9	21.9	20.8	21.3	20.9	21.5	21.8	22.1	22.6	24.1	21.6	22.6	--
pH	--	7.6	7.8	7.7	7.9	7.8	8.0	7.7	8.0	7.5	7.8	7.6	7.9	5.5-9.0
Nitrate Nitrogen	mg/l	0.4	0.5	0.5	0.7	0.4	0.5	0.5	0.4	0.9	1.2	0.5	0.4	TOTAL NITROGEN : 10
Ammonical Nitrogen	mg/l	21.0	20.0	16.9	15.1	17.0	11.0	10.7	5.4	12.0	10.9	11.7	10.2	
T.Phosphorous	mg/l	2.0	0.9	2.6	1.8	1.4	0.8	1.9	0.9	2.5	1.9	2.8	2.0	1.0
T.S.S	mg/l	275	110	248	130	250	120	296	126	355	250	241	145	20
BOD	mg/l	-	30	-	27	-	25	-	24	-	45	-	28	10
Fecal Coliform	Col/100 ml	-	850	-	700	-	600	-	1400	-	2500	-	1300	Desirable =100 Permissible =230

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 31-08-2020.

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	18.9	21.2	18.3	21.1	18.4	19.9	18.9	21.6	20.1	21.1	20.4	23.2	23.4 --
W. Temp.	°C	20.3	21.0	20.4	21.1	20.6	20.8	21.5	23.1	20.3	21.6	21.1	22.3	--
pH	--	7.5	7.9	7.7	8.0	7.6	7.8	7.8	7.9	7.6	7.7	7.5	7.9	5.5-9.0
Nitrate Nitrogen	mg/l	^{0.4}	0.9	0.5	0.6	0.6	1.1	1.0	0.8	0.8	1.0	0.8	0.6	TOTAL NITROGEN : 10
Ammonical Nitrogen	mg/l	16.8	16.2	25.8	25.4	14.0	11.0	16.0	4.5	16.9	16.0	27.2	26.6	
T.Phosphorous	mg/l	1.3	0.6	2.7	2.5	1.6	1.1	2.5	0.7	2.0	1.9	2.7	1.4	1.0
T.S.S	mg/l	259	115	263	132	251	125	285	112	342	243	249	140	20
BOD	mg/l	-	34	-	32	-	30	-	28	-	48	-	30	10
Fecal Coliform	Col/100 ml	-	800	-	900	-	700	-	1500	-	4700	-	1200	Desirable =100 Permissible =230