

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 10-07-2020.

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	32.5	33.0	30.8	33.8	32.1	33.5	31.8	32.1	31.8	32.4	32.3	NA	--
W. Temp.	°C	21.2	22.6	21.6	21.7	22.2	22.3	23.5	24.7	23.2	23.5	21.2	NA	--
pH	--	7.0	7.5	7.2	7.6	7.3	7.5	7.3	7.5	7.3	7.5	7.5	NA	5.5-9.0
Nitrate Nitrogen	mg/l	0.4	0.2	0.5	0.3	0.4	0.3	0.5	0.3	0.4	0.5	0.4	NA	TOTAL NITROGEN : 10
Ammonical Nitrogen	mg/l	14.26	11.8	27.4	25.8	15.0	12.8	18.1	12.0	15.2	13.7	16.5	NA	
T.Phosphorous	mg/l	1.7	1.5	2.1	1.6	2.7	1.3	3.4	0.8	4.0	3.1	2.1	NA	1.0
T.S.S	mg/l	277	145	265	112	210	98	290	65	324	225	256	NA	20
BOD	mg/l	-	31	-	29	-	27	-	25	-	42	-	NA	10
Fecal Coliform	Col/100 ml	-	800	-	850	-	750	-	750	-	4000	-	NA	Desirable =100 Permissible =230

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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	32.1	32.2	32.3	32.0	31.8	32.4	29.7	29.8	29.6	32.3	28.9	32.1	--
W. Temp.	°C	21.7	22.2	22.3	22.7	22.7	23.2	23.5	23.7	22.1	23.0	20.8	22.1	--
pH	--	7.1	7.3	7.1	7.3	7.2	7.5	7.2	7.5	NA	7.3	7.2	7.4	5.5-9.0
Nitrate Nitrogen	mg/l	0.5	0.6	0.4	0.3	0.5	0.3	1.0	0.5	NA	0.8	0.5	0.4	TOTAL NITROGEN : 10
Ammonical Nitrogen	mg/l	20.6	19.0	30.8	24.7	13.9	11.2	16.5	7.5	NA	14.8	15.4	13.8	
T.Phosphorous	mg/l	3.3	1.6	4.2	2.7	2.8	1.5	2.5	1.4	NA	3.3	3.7	2.7	1.0
T.S.S	mg/l	285	125	259	153	196	110	298	66	NA	258	200	110	20
BOD	mg/l	-	30	-	28	-	26	-	23	NA	45	-	26	10
Fecal Coliform	Col/100 ml	-	825	-	850	-	730	-	780	NA	4100	-	750	Desirable =100 Permissible =230