

## J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 22-09-2020.

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	NA	29.7	29.3	30.0	29.6	30.1	26.4	30.8	NA	30.7	29.1	30.7	--
W. Temp.	°C	NA	21.1	20.9	21.9	20.6	21.2	21.7	22.1	NA	21.6	21.6	22.2	--
pH	--	NA	7.8	7.4	7.6	7.3	7.8	7.2	7.9	NA	7.6	7.4	7.6	5.5-9.0
Nitrate Nitrogen	mg/l	NA	0.7	0.6	0.8	0.5	0.6	1.4	1.1	NA	1.5	0.7	0.5	TOTAL NITROGEN : 10
Ortho-Phosphate	mg/l	NA	0.8	3.6	1.0	1.9	1.1	2.7	0.5	NA	2.2	3.7	0.4	1.0
T.S.S	mg/l	NA	135	290	125	210	100	275	49	NA	225	245	42	20
BOD	mg/l	NA	38	-	36	-	33	-	27	-	67	-	26	10
Fecal Coliform	Col/100 ml	-	750	-	800	-	500	-	700	-	4000	-	500	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	27	30.0	27.2	30.7	29.9	30.2	26.6	NA	26.9	30.1	27.2	30.3	--
W. Temp.	°C	20.7	21.3	21.2	21.5	20.8	21.7	21.2	NA	21.3	21.6	21.6	22.2	--
pH	--	7.2	7.5	7.1	7.6	7.3	7.8	7.2	NA	7.2	7.8	7.3	7.6	5.5-9.0
Nitrate Nitrogen	mg/l	0.7	0.9	0.6	0.9	0.5	0.7	1.4	NA	2.4	2.5	1.0	0.7	TOTAL NITROGEN : 10
Ortho-Phosphate	mg/l	2.1	1.2	2.9	1.1	1.8	1.0	2.8	NA	3.1	2.4	1.8	0.7	1.0
T.S.S	mg/l	262	140	277	133	218	125	285	NA	341	232	250	45	20
BOD	mg/l	-	39	-	35	-	36	-	-	-	54	-	#	10
Fecal Coliform	Col/100 ml	-	800	-	900	-	650	-	NA	-	4100	-	450	Desirable =100 Permissible =230

#:- Sample damaged during incubation.