

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 10-08-2020.

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	27.8	30.4	27.0	30.6	27.2	30.8	NA	NA	29.6	31.4	28.1	28.5	--
W. Temp.	°C	21.8	25.6	22.8	27.2	23.2	26.6	NA	NA	25.2	26.5	23.5	24.8	--
pH	--	7.5	7.7	7.4	7.8	7.4	7.8	NA	NA	7.4	7.6	7.4	7.8	5.5-9.0
Nitrate Nitrogen	mg/l	0.5	0.6	0.5	0.7	0.3	0.4	NA	NA	3.2	3.5	0.5	0.3	TOTAL NITROGEN : 10
Ammonical Nitrogen	mg/l	23.0	18.2	33.9	18.3	16.7	9.0	NA	NA	19.1	14.0	19.9	16.2	
T.Phosphorous	mg/l	1.8	0.8	2.9	1.9	2.5	1.0	NA	NA	3.3	2.6	1.9	1.5	1.0
T.S.S	mg/l	285	110	269	115	214	100	NA	NA	321	254	235	102	20
BOD	mg/l	-	31	-	29	-	24	NA	NA	-	58	-	27	10
Fecal Coliform	Col/100 ml	-	830	-	710	-	600	NA	NA	-	5500	-	1300	Desirable =100 Permissible =230

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Physico-chemical analysis report of different STPs as on 13-08-2020.

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	34.0	34.6	33.0	34.7	32.2	34.0	NA	NA	32.9	34.1	33.6	34.4	--
W. Temp.	°C	23.1	24.1	27.3	24.5	24.3	24.6	NA	NA	25.3	26.2	23.4	24.3	--
pH	--	7.4	7.6	7.3	7.6	7.3	7.6	NA	NA	7.3	7.6	7.4	7.7	5.5-9.0
Nitrate Nitrogen	mg/l	0.6	0.7	0.4	0.5	0.4	0.6	NA	NA	2.1	2.7	0.5	0.4	TOTAL NITROGEN : 10
Ammonical Nitrogen	mg/l	25.1	19.5	34.1	19.4	17.5	10.1	NA	NA	20.1	15.3	18.4	15.2	
T.Phosphorous	mg/l	2.1	0.7	2.3	1.0	2.0	1.3	NA	NA	2.6	2.3	1.7	1.3	1.0
T.S.S	mg/l	270	97	265	110	200	95	NA	NA	351	196	200	145	20
BOD	mg/l	-	47	-	50	-	35	NA	NA	-	82	-	23	10
Fecal Coliform	Col/100 ml	-	800	-	850	-	600	NA	NA	-	5500	-	2500	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 17-08-2020.

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	31.5	33.2	32.2	33.2	32.2	33.1	32.0	33.2	31.5	33.5	32.2	32.7	--
W. Temp.	°C	27.2	28.3	27.5	28.0	27.8	28.1	28.2	28.3	28.2	28.6	28.5	28.8	--
pH	--	7.3	7.7	7.4	7.8	7.4	7.8	7.4	7.9	7.3	7.7	7.5	7.9	5.5-9.0
Nitrate Nitrogen	mg/l	0.5	0.7	0.6	0.7	0.5	0.6	1.2	0.7	2.2	2.8	0.8	0.6	TOTAL NITROGEN : 10
Ammonical Nitrogen	mg/l	26.3	24.1	28.6	25.4	15.6	12.8	27.4	8.1	32.4	28.7	14.3	12.5	
T.Phosphorous	mg/l	2.4	1.1	2.5	1.4	1.7	1.1	2.6	1.8	2.9	1.9	1.9	1.5	1.0
T.S.S	mg/l	279	126	289	132	235	93	287	168	369	178	214	166	20
BOD	mg/l	-	36	-	33	-	31	-	29	-	67	-	37	10
Fecal Coliform	Col/100 ml	-	850	-	900	-	650	-	2500	-	4500	-	2300	Desirable =100 Permissible =230