

## J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

### Physico-chemical analysis report of different STPs as on 01-09-2021.

Parameters	Units	Hazratbal		Habak		Laam		Brarinambal LDA		Brarinambal UEED		Nallah Amir Khan		Norms as per NGT	Permissible limits as per CPCB
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final		
Air Temperature	°C	28.4		28.8		28.1		27.4		27.3		28.1		--	--
W. Temp.	°C	20.2	20.3	21.1	21.4	20.6	20.8	22.5	22.8	22.1	22.5	21.2	22.4	--	5°C above receiving water body
pH	--	7.1	7.3	7.1	7.3	7.0	7.5	7.1	7.5	7.0	7.3	7.2	7.5	5.5-9.0	5.5-9.0
T-Phosphorous	mg/l	2.1	1.5	2.5	1.8	2.6	1.3	3.0	1.1	3.3	1.7	2.4	1.0	1.0 as T.P	5.0
Ammonical Nitrogen	mg/l	16.6	11.2	22.5	18.3	9.3	8.1	17.6	2.0	16.6	8.5	14.6	1.9	10 as T.Nitrogen	50
T.S.S	mg/l	245	41	250	52	248	77	265	31	295	87	285	42	--	100
Fecal coliform	Col/100ml	-	1500	-	1600	-	900	-	650	-	2100	-	700	PERMISSIBLE 230 DESIREABLE 100	Less than 1000
BOD	mg/l	76	34	68	36	84	24	66	28	72	39	69	27	10	30
Dissolved Oxygen	mg/l	0.6	3.4	0.4	4.0	1.6	4.4	0.4	4.8	0.2	2.4	0.2	4.4	-	-