

**J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY
RESEARCH & MONITORING DIVISION, MISKEEN BAGH, KHANYAR, SRINAGAR**

ANALYTICAL RESULT OF SAMPLES COLLECTED ON 16.07.2019

Weather : Sunny

Parameter	Unit	Hazratbal		Habak		Laam		Brari Nambal		Nallah Amir Khan		Norms as per NGT Order
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temp.	°C	31.3	31.2	31.7	31.0	31.1	31.1	31.8	31.2	31.9	31.5	
Water Temp.	°C	21.4	22.0	22.3	22.8	21.1	22.8	23.3	22.0	23.8	23.5	
pH		7.2	7.4	7.1	7.3	7.3	7.5	7.2	7.6	7.3	7.7	5.5-9.0
Nitrate Nitrogen	mg/l	0.4	0.5	0.4	0.5	0.3	0.4	0.5	0.3	0.4	0.2	Total Nitrogen :10
Ammonical Nitrogen	mg/l	35.0	20.9	44.0	29.4	16.9	14.2	23.7	17.0	25.7	12.2	
Ortho- Phosphate	mg/l	2.0	1.3	2.7	1.0	2.2	1.5	2.7	0.9	2.7	0.9	
Total Phosphorus	mg/l	2.9	2.1	3.5	1.9	3.2	2.1	3.6	1.5	3.5	1.4	1.0
COD	mg/l	190	104	280	101	288	124	315	118	373	125	50
TSS	mg/l	316	70	280	87	365	69	390	55	210	47	20