

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

ANALYTICAL RESULT OF SAMPLES COLLECTED ON 04.07.2019

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	33.6	31.7	34.2	31.9	29.6	31.5	31.8	31.6	31.2	31.4	
Water Temp.	°C	21.3	21.0	20.3	20.5	21.5	20.5	19.0	22.3	20.8	20.2	
pH		7.4	7.5	7.3	7.4	7.2	7.5	7.3	7.5	7.4	7.7	5.5-9.0
Nitrate Nitrogen	mg/l	0.2	0.3	0.4	0.5	0.3	0.3	0.5	0.4	0.5	0.2	Total Nitrogen :10
Ammonical Nitrogen	mg/l	31.4	20.6	33.3	31.3	15.9	14.3	24.9	14.8	25.9	22.6	
Ortho- Phosphate	mg/l	1.9	1.0	4.3	2.6	2.0	0.5	2.7	0.5	2.8	0.8	
Total Phosphorus	mg/l	2.5	1.7	4.9	3.2	2.8	1.0	3.5	1.1	3.8	1.4	1.0
COD	mg/l	167	83	224	69	179	55	421	186	194	61	50
TSS	mg/l	339	53	222	43	299	56	370	39	680	34	20