

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

ANALYTICAL RESULT OF SAMPLES COLLECTED ON 31.07.2019

Weather : Sunny

Parameter	Unit	Hazratbal		Habak		Laam		Brari Nambal		Nallah Amir Khan		Brari Nambal (UEED)		Norms as per NGT Order
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temp.	°C	30.2	32.0	29.9	31.8	30.4	31.6	27.3	31.6	29.0	32.0	27.3	31.6	
Water Temp.	°C	21.1	22.2	21.9	22.2	21.3	21.8	22.1	23.0	20.9	21.8	22.2	22.9	
pH		6.9	7.3	7.0	7.3	6.9	7.2	6.9	7.2	7.0	7.3	6.9	7.2	5.5-9.0
Nitrate Nitrogen	mg/l	0.2	0.4	0.3	0.4	0.2	0.3	0.6	0.5	0.5	0.4	0.7	0.9	Total Nitrogen :10
Ammonical Nitrogen	mg/l	26.2	20.7	49.0	40.6	14.7	12.3	20.0	8.1	25.0	16.7	19.4	16.5	
Total Phosphorus	mg/l	2.3	2.1	2.2	1.1	1.9	1.1	3.2	0.8	2.7	1.6	2.7	2.5	1.0
COD	mg/l	175	96	383	84	160	85	233	92	359	72	328	175	50
TSS	mg/l	220	64	209	47	147	67	368	53	272	64	329	265	20

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RESEARCH & MONITORING DIVISION, MISKEEN BAGH, KHANYAR, SRINAGAR

ANALYTICAL RESULT OF SAMPLES COLLECTED ON 01.08.2019

Weather : Cloudy with heavy rains in the morning

Parameter	Unit	Hazratbal		Habak		Laam		Brari Nambal		Nallah Amir Khan		Brari Nambal (UEED)		Norms as per NGT Order
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temp.	°C	22.6	25.0	22.9	25.3	22.8	24.4	23.3	24.3	22.2	25.7	23.3	24.3	
Water Temp.	°C	20.8	21.6	20.8	21.7	20.9	21.2	21.5	22.8	20.4	21.5	21.6	21.7	
pH		6.9	7.2	6.9	7.1	7.0	7.1	7.1	7.1	7.0	7.2	7.1	7.1	5.5-9.0
Nitrate Nitrogen	mg/l	0.5	0.7	0.5	0.6	0.5	0.6	0.7	0.5	0.5	0.4	1.0	1.5	Total Nitrogen : 10
Ammonical Nitrogen	mg/l	26.2	22.3	33.1	30.2	12.6	10.2	15.9	5.2	20.3	18.7	17.0	9.1	
Total Phosphorus	mg/l	2.7	2.0	4.2	1.9	2.0	1.2	1.8	0.7	2.5	2.2	2.5	2.0	1.0
COD	mg/l	186	72	232	51	167	112	117	55	245	108	601	278	50
TSS	mg/l	175	60	375	37	170	64	260	25	460	96	290	242	20