

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

ANALYTICAL RESULT OF SAMPLES COLLECTED ON 27.07.2019

Weather : Cloudy with heavy overnight rains

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	24.6	25.8	24.8	27.3	24.1	25.9	23.8	22.8	26.0	24.9	24.8	26.2	
Water Temp.	°C	20.8	21.1	21.2	21.4	20.7	21.1	22.3	22.6	19.6	20.9	21.3	22.6	
pH		7.2	7.2	7.0	7.2	6.9	7.1	7.0	7.2	7.1	7.2	7.0	7.1	5.5-9.0
Nitrate Nitrogen	mg/l	0.5	0.6	0.3	0.4	0.3	0.4	0.5	0.4	0.5	0.4	0.6	0.7	Total Nitrogen :10
Ammonical Nitrogen	mg/l	18.5	17.0	32.3	30.1	13.9	12.7	18.7	7.2	16.7	12.4	23.3	14.2	
Total Phosphorus	mg/l	1.8	0.3	2.2	0.5	1.6	0.8	1.8	0.3	1.1	0.5	1.2	1.5	1.0
COD	mg/l	185	81	242	51	230	56	210	74	175	65	692	113	50
TSS	mg/l	225	33	360	56	250	95	241	35	295	44	316	156	20

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Weather : Cloudy

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	27.9	29.1	29.7	29.9	29.5	30.0	27.2	29.8	27.2	29.1	27.2	29.8	
Water Temp.	°C	20.9	21.7	21.0	21.6	20.9	21.2	21.8	23.1	20.2	20.4	21.0	21.9	
pH		6.9	7.2	7.1	7.3	6.9	7.1	6.9	7.1	7.0	7.3	6.9	7.3	5.5-9.0
Nitrate Nitrogen	mg/l	0.4	0.5	0.8	0.9	0.8	0.6	0.7	0.5	0.5	0.4	2.1	3.5	Total Nitrogen :10
Ammonical Nitrogen	mg/l	18.6	16.0	42.6	23.8	12.7	10.2	27.3	10.6	20.8	15.0	26.8	15.6	
Total Phosphorus	mg/l	2.5	1.0	2.1	1.6	1.4	1.3	2.5	0.6	1.9	1.5	1.5	1.4	1.0
COD	mg/l	241	74	329	67	258	123	299	81	331	145	417	273	50
TSS	mg/l	264	79	305	48	195	57	385	60	533	40	685	215	20