

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY
RESEARCH & MONITORING DIVISION, MISSEEN BAGH, KHANYAR, SRINAGAR
ANALYTICAL RESULT OF SAMPLES COLLECTED ON 03.03.2020

Parameter	Unit	Mirzapoth		Hahak		Lamm		Rauri/Nambal		Sulim Aaga/Boor		Bura/Bambal/Chattin		Norms as per NGT Order
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temp.	°C	18.3	18.5	18.3	18.2	18.0	19.0	---	---	---	---	18.3	18.1	---
Water Temp.	°C	12.5	12.7	12.3	12.4	12.1	11.7	---	---	---	---	12.2	12.5	---
pH	---	7.1	7.6	7.1	7.4	7.3	7.4	---	---	---	---	7.2	7.3	5.5-8.0
Nitrate Nitrogen	mg/l	1.0	2.1	1.0	2.0	1.5	1.6	---	---	---	---	2.4	2.0	Total Nitrogen
Ammoniacal Nitrogen	mg/l	35.3	29.1	32.4	31.5	19.7	11.5	---	---	---	---	31.6	38.5	---
Total Phosphorus	mg/l	2.1	1.1	2.4	1.3	1.4	0.8	---	---	---	---	2.0	2.5	1.0
COD	mg/l	---	76	---	66	---	52	---	---	---	---	---	114	50
TSS	mg/l	200	78	236	75	176	62	---	---	---	---	305	132	30

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY
RESEARCH & MONITORING DIVISION, MISSEEN BAGH, KHANYAR, SRINAGAR
ANALYTICAL RESULT OF SAMPLES COLLECTED ON 05.03.2020

Parameter	Unit	Mirzapoth		Hahak		Lamm		Rauri/Nambal		Sulim Aaga/Boor		Bura/Bambal/Chattin		Norms as per NGT Order	
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final		
Air Temp.	°C	15.7	9.1	16.2	8.0	13.2	9.1	16.5	9.3	---	---	16.5	9.4	---	
Water Temp.	°C	12.8	11.0	12.2	11.6	11.0	11.3	11.8	11.1	---	---	11.0	10.8	---	
pH	---	6.7	7.2	6.5	7.2	6.8	7.2	6.9	7.2	---	---	6.9	7.0	5.5-8.0	
Nitrate Nitrogen	mg/l	0.5	0.6	0.5	0.7	0.6	0.6	1.0	0.7	---	---	0.5	0.5	Total Nitrogen	
Ammoniacal Nitrogen	mg/l	15.1	18.8	18.1	19.1	14.2	11.2	15.4	9.1	---	---	15.2	12.1	10	
Total Phosphorus	mg/l	2.0	2.2	2.2	3.2	2.6	1.4	3.0	2.5	---	---	---	3.0	2.2	1.0
TSS	mg/l	248	100	200	101	230	80	450	60	---	---	371	145	30	

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY
RESEARCH & MONITORING DIVISION, MISSEEN BAGH, KHANYAR, SRINAGAR
ANALYTICAL RESULT OF SAMPLES COLLECTED ON 10.03.2020

Parameter	Unit	Mirzapoth		Hahak		Lamm		Rauri/Nambal		Sulim Aaga/Boor		Bura/Bambal/Chattin		Norms as per NGT Order
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temp.	°C	14.2	18.6	14.5	18.4	15.6	17.1	14.1	16.2	13.1	17.1	14.6	16.3	---
Water Temp.	°C	11.8	12.4	11.0	12.1	12.1	12.3	11.2	11.6	10.8	12.7	11.4	11.9	---
pH	---	7.0	7.2	7.2	7.4	7.2	7.2	7.1	7.2	7.2	7.4	7.2	7.3	5.5-8.0
Nitrate Nitrogen	mg/l	0.5	0.6	0.5	0.7	0.5	0.6	1.2	0.8	0.8	0.7	2.1	2.2	Total Nitrogen
Ammoniacal Nitrogen	mg/l	21.0	19.2	21.7	20.2	12.5	11.1	21.5	6.8	20.1	16.3	23.2	22.4	10
Total Phosphorus	mg/l	2.1	1.6	2.6	1.6	1.9	0.9	1.9	0.5	1.9	1.2	2.1	2.0	1.0
TSS	mg/l	210	96	273	98	212	78	253	50	212	74	370	127	30

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY
RESEARCH & MONITORING DIVISION, MISSEEN BAGH, KHANYAR, SRINAGAR
ANALYTICAL RESULT OF SAMPLES COLLECTED ON 12.03.2020

Parameter	Unit	Mirzapoth		Hahak		Lamm		Rauri/Nambal		Sulim Aaga/Boor		Bura/Bambal/Chattin		Norms as per NGT Order
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temp.	°C	9.0	18.6	11.5	18.4	15.6	17.1	14.1	16.2	13.1	17.1	14.6	16.3	---
Water Temp.	°C	11.4	12.4	11.0	12.1	12.1	12.3	11.2	11.6	10.8	12.7	11.4	11.9	---
pH	---	7.1	7.2	7.2	7.4	7.2	7.2	7.1	7.2	7.2	7.4	7.2	7.3	5.5-8.0
Nitrate Nitrogen	mg/l	0.5	0.6	0.5	0.6	0.6	0.6	1.2	0.8	0.8	0.7	2.1	2.2	Total Nitrogen
Ammoniacal Nitrogen	mg/l	18.5	18.2	21.3	20.2	12.5	11.1	21.5	6.8	20.1	16.3	23.2	22.4	10
Total Phosphorus	mg/l	2.0	1.6	2.6	1.6	1.9	0.9	1.9	0.5	1.9	1.2	2.1	2.0	1.0
TSS	mg/l	251	96	314	101	244	78	285	50	244	74	370	127	30
COD	mg/l	100	78	105	80	128	65	225	60	200	60	338	135	50

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY
RESEARCH & MONITORING DIVISION, MISSEEN BAGH, KHANYAR, SRINAGAR
ANALYTICAL RESULT OF SAMPLES COLLECTED ON 14.03.2020

Parameter	Unit	Mirzapoth		Hahak		Lamm		Rauri/Nambal		Sulim Aaga/Boor		Bura/Bambal/Chattin		Norms as per NGT Order
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temp.	°C	11.1	15.0	11.0	15.2	11.6	15.0	10.1	16.5	11.0	15.4	11.2	16.0	---
Water Temp.	°C	11.8	12.4	11.0	12.1	11.4	11.8	10.8	11.6	10.2	12.1	10.5	11.4	---
pH	---	7.1	7.1	7.0	7.2	7.1	7.4	7.1	7.4	7.1	7.4	7.1	7.3	5.5-8.0
Nitrate Nitrogen	mg/l	0.7	0.8	0.6	0.7	0.6	0.8	1.1	0.8	0.7	0.8	2.6	2.3	Total Nitrogen
Ammoniacal Nitrogen	mg/l	9.1	10.0	10.0	10.5	10.0	9.0	9.5	6.5	9.4	9.1	9.1	9.5	10
Total Phosphorus	mg/l	2.5	1.7	2.7	1.9	1.8	0.9	2.2	0.8	1.7	1.1	2.6	2.1	1.0
TSS	mg/l	200	99	275	95	220	75	305	72	200	75	384	131	30
COD	mg/l	105	75	138	85	145	65	238	70	238	61	305	130	50

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY
RESEARCH & MONITORING DIVISION, MISSEEN BAGH, KHANYAR, SRINAGAR
ANALYTICAL RESULT OF SAMPLES COLLECTED ON 17.03.2020

Parameter	Unit	Mirzapoth		Hahak		Lamm		Rauri/Nambal		Sulim Aaga/Boor		Bura/Bambal/Chattin		Norms as per NGT Order
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temp.	°C	18.8	20.4	18.6	19.6	20.2	19.0	17.3	20.0	19.9	21.2	20.6	20.1	---
Water Temp.	°C	13.5	13.8	13.1	13.8	13.8	13.6	12.2	12.9	13.0	13.0	12.9	13.6	---
pH	---	7.4	7.4	7.2	7.4	7.1	7.4	7.1	7.4	7.1	7.4	7.1	7.3	5.5-8.0
Nitrate Nitrogen	mg/l	0.8	0.9	0.7	0.9	0.5	0.7	1.0	0.8	0.5	0.4	2.1	2.5	Total Nitrogen
Ammoniacal Nitrogen	mg/l	21.4	18.2	23.5	20.1	11.1	10.0	22.9	7.8	15.5	14.1	24.8	22.9	10
Total Phosphorus	mg/l	2.4	1.6	2.8	1.8	1.7	0.8	2.5	0.9	1.8	1.0	2.9	2.4	1.0
TSS	mg/l	161	96	200	95	160	60	200	70	160	60	300	130	30
COD	mg/l	180	71	180	60	165	60	238	60	180	60	300	140	50

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY
RESEARCH & MONITORING DIVISION, MISSEEN BAGH, KHANYAR, SRINAGAR
ANALYTICAL RESULT OF SAMPLES COLLECTED FROM VARIOUS STPS

Parameter	Unit	Mirzapoth		Hahak		Lamm		Rauri/Nambal		Sulim Aaga/Boor		Bura/Bambal/Chattin		Norms as per NGT Order
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temp.	°C	20.1	20.5	---	---	19.2	20.1	24.9	20.0	26.2	20.5	24.5	20.9	---
Water Temp.	°C	16.4	16.7	---	---	16.1	16.0	17.6	16.6	17.6	16.6	17.5	18.2	---
pH	---	7.0	7.2	---	---	7.0	7.3	7.0	7.4	7.2	7.2	6.8	7.2	5.5-8.0
Nitrate Nitrogen	mg/l	0.7	0.7	---	---	0.7	0.9	1.0	0.7	0.6	0.5	0.6	0.7	Total Nitrogen
Ammoniacal Nitrogen	mg/l	10.1	17.0	---	---	11.0	10.1	10.0	8.1	10.8	10.1	10.3	11.1	10
Total Phosphorus	mg/l	1.0	1.0	---	---	1.0	0.8	1.0	0.7	1.2	1.0	1.2	1.0	1.0
TSS	mg/l	100	99	---	---	100	80	105	105	127	105	100	100	30
COD	mg/l	100	95	---	---	128	95	135	65	110	65	100	100	50

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ANALYTICAL RESULT OF SAMPLES COLLECTED FROM VARIOUS STPS

Parameter	Unit	Mirzapoth		Hahak		Lamm		Rauri/Nambal		Sulim Aaga/Boor		Bura/Bambal/Chattin		Norms as per NGT Order
		Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	Raw	Final	
Air Temp.	°C	---	---	---	---	---	---	---	---	---	---	---	---	---
Water Temp.	°C	---	---	24.0	25.0	26.0	25.5	20.5	24.0	18.3	20.1	---	---	---
Nitrate Nitrogen	mg/l	---	---	0.1	0.1	0.4	0.4	0.1	0.1	0.0	0.4	---	---	Total Nitrogen
Ammoniacal Nitrogen	mg/l	---	---	12.0	16.5	10.0	10.1	11.0	8.5	11.2	11.0	---	---	10
Total Phosphorus	mg/l	---	---	2.5	2.8	1.0	2.2	1.0	1.5	1.5	2.7	---	---	1.0
TSS	mg/l	---	---	110	115	210	81	254	88	215	75	---	---	30
COD	mg/l	---	---	140	80	100	70	140	60	100	60	---	---	50