



J&K Pollution Control Board
Rajbagh, Srinagar Kashmir

Report No:-PCB/ROK/W.Lab/AR/20-21/105

Date 23/01/2021

Analysis Report

S.no	Parameter	STP NISHAT LAAM			STP HABAK			STP HAZRATBAL			Permissible limits as per general standards for discharge of environmental pollutants
		RAW	FINAL	% TREATMENT	RAW	FINAL	% TREATMENT	RAW	FINAL	% TREATMENT	
Date of Sampling		18-01-2021			18-01-2021			18-01-2021			
1	Air Temperature	9.00			10.00			10.50			
2	Water Temperature	7.0	6.5	-	6.8	6.3	-	6.5	6.2	-	5°C above receiving water body.
3	pH	7.28	7.54	-	7.35	7.43	-	7.44	7.48	-	5.5 to 9.0
4	Dissolved Oxygen	0.60	6.5	-	0.50	6.5	-	0.40	5.2	-	-
5	Chemical Oxygen Demand	366.5	99.9	72.74	374.8	141.6	62.22	366.5	116.60	68.19	-
6	*Biochemical Oxygen Demand for 3days at 27°C*	109.0	16.2	85.14	134.0	34.4	74.33	113.2	24.0	78.80	30.0
7	Phosphate(PO4-P)	1.859	0.428	76.98	1.820	1.068	41.32	1.280	0.664	48.13	5.0
8	Ammonical Nitrogen (NH3-N)	9.470	8.9	6.02	8.820	7.79	11.68	8.170	7.41	9.30	50.0
9	Chloride	58.0	48.0	-	44.0	40.0	-	68.0	44.0	-	1000.0
10	Total Suspended Solids	-	24.0	-	-	47.0	-	-	34.0	-	100.0
11	Total Dissolved Solids	289.0	242.0	-	505.0	475.0	-	407.0	391.0	-	2100

% age Treatment should be= 90%

It is advised that treated water from the STPs should be utilized for activities like irrigation, construction, industrial use etc instead of discharging it directly into the water bodies so that water bodies can be prevented from further deterioration

All values are in mg/l except pH, & Temperature

Note :- This analysis report is confined only to the samples analysed

Sample Collected by

Handwritten signature

Analysed by

Handwritten signature

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I/C Water Lab



J&K Pollution Control Board
Rajbagh, Srinagar Kashmir

Report No:- PCB/ROK/W.Lab/AR/20-21/106

Date 23/01/2021

Analysis Report

S.no	Parameter	STP NALLAH AMIR KHAN			STP BARINAMBAL LAWDA			STP BARINAMBAL UEED			Permissible limits as per general standards for discharge of environmental pollutants
		RAW	FINAL	% TREATMENT	RAW	FINAL	% TREATMENT	RAW	FINAL	% TREATMENT	
Date of Sampling		18-01-2021			18-01-2021			18-01-2021			
1	Air Temperature	10.00			9.40			9.40			
2	Water Temperature	7.0	6.5		6.7	6.0		7.0	6.5		5°C above receiving water body.
3	pH	7.33	7.56		7.31	7.56		7.37	7.41		5.5 to 9.0
4	Dissolved Oxygen	0.40	7.8		0.40	7.8		0.60	3.5		—
5	Chemical Oxygen Demand	383.10	49.90	86.97	374.80	49.9	86.69	391.5	166.6	57.45	—
6	*Biochemical Oxygen Demand for 3days at 27°C*	165.2	9.7	94.13	141.0	8.4	94.04	147.0	54.4	62.99	30.0
7	Phosphate(PO4-P)	2.670	0.413	84.53	2.290	0.474	79.30	2.020	1.285	36.39	5.0
8	Ammonical Nitrogen (NH3-N)	9.930	2.86	71.20	8.290	1.738	79.03	8.470	7.96	6.02	50.0
9	Chloride	64.0	50.0	—	42.0	40.0	—	50.0	44.0	—	1000.0
10	Total Suspended Solids	—	23.0	—	—	21.0	—	—	156.0	—	100.0
11	Total Dissolved Solids	506.0	477.0	—	428.0	389.0	—	426.0	409.0	—	2100

% of Treatment should be= 90%

It is advised that treated water from the STPs should be utilized for activities like irrigation, construction, industrial use etc instead of discharging it directly into the water bodies so that water bodies can be prevented from further deterioration

All values are in mg/l except p H, & Temperature

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Sample Collected by

[Signature]

Analysed by

[Signature]

[Signature]

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