



J&K Pollution Control Board
Rajbagh, Srinagar Kashmir

Report No:-PCB/ROK/W.Lab/AR/20-21/103

Date 22/01/2021

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		16-01-2021			16-01-2021			16-01-2021			
1	Air Temperature	8.70			9.00			9.00			
2	Water Temperature	8.4	8.0	-	7.0	7.5	-	8.8	8.0	-	5°C above receiving water body.
3	pH	7.25	7.4	-	7.28	7.36	-	7.29	7.35	-	5.5 to 9.0
4	Dissolved Oxygen	1.00	6.2	-	1.00	6.5	-	0.80	5.3	-	-
5	Chemical Oxygen Demand	296.8	93.7	68.42	304.6	117.2	61.53	304.6	78.12	74.35	-
6	*Biochemical Oxygen Demand for 3days at 27°C*	82.0	20.6	74.88	103.0	27.6	73.20	98.1	16.1	83.59	30.0
7	Phosphate(PO4-P)	1.370	0.491	64.16	1.615	0.917	43.22	1.567	0.472	69.88	5.0
8	Ammonical Nitrogen (NH3-N)	7.270	6.83	6.05	8.280	7.90	4.59	7.800	7.26	6.92	50.0
9	Chloride	50.0	46.0	-	52.0	46.0	-	54.0	38.0	-	1000.0
10	Total Suspended Solids	-	26.0	-	-	42.0	-	-	38.0	-	100.0
11	Total Dissolved Solids	297.0	224.0	-	486.0	478.0	-	406.0	400.0	-	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

sl-d

Analysed by

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I/C Water Lab



J&K Pollution Control Board
Rajbagh, Srinagar Kashmir

Report No:- PCB/ROK/W.Lab/AR/20-21/104

Date 22/01/2021

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		16-01-2021			16-01-2021			16-01-2021			
1	Air Temperature	9.00			8.00			8.00			
2	Water Temperature	8.0	7.4		6.5	6.0		7.0	6.0		5°C above receiving water body.
3	pH	7.24	7.49		7.28	7.53		7.32	7.41		5.5 to 9.0
4	Dissolved Oxygen	0.30	7.4		0.70	7.0		0.50	2.5		—
5	Chemical Oxygen Demand	492.12	54.60	88.91	296.80	46.8	84.23	312.4	148.4	52.50	—
6	*Biochemical Oxygen Demand for 3days at 27°C*	208.6	12.6	93.96	100.6	9.4	90.66	112.6	35.6	68.38	30.0
7	Phosphate(PO4-P)	2.690	0.333	87.62	1.845	0.436	76.37	2.053	1.548	24.60	5.0
8	Ammonical Nitrogen (NH3-N)	10.250	1.467	85.69	8.180	1.315	83.92	9.230	8.00	13.33	50.0
9	Chloride	74.0	48.0	—	46.0	44.0	—	48.0	44.0	—	1000.0
10	Total Suspended Solids	—	26.0	—	—	22.0	—	—	132.0	—	100.0
11	Total Dissolved Solids	517.0	454.0	—	412.0	368.0	—	416.0	397.0	—	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

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

Sample Collected by

M.A.

Analysed by

[Signature]

I/C Water Lab