



**J&K Pollution Control Board**  
Rajbagh, Srinagar Kashmir

Report No:-PCB/ROK/W.Lab/AR/20-21/95

Date 16/01/2021

**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	
	<b>Date of Sampling</b>	12-01-2021			12-01-2021			12-01-2021			
1	<b>Air Temperature</b>	7.50			7.00			7.00			
2	<b>Water Temperature</b>	5.0	4.3	-	4.2	4.0	-	5.3	5.0	-	5°C above receiving water body.
3	<b>pH</b>	7.34	7.67	-	7.31	7.45	-	7.39	7.41	-	<b>5.5 to 9.0</b>
4	<b>Dissolved Oxygen</b>	0.60	7.2	-	0.80	7.1	-	0.50	6.4	-	-
5	<b>Chemical Oxygen Demand</b>	335.0	74.0	<b>77.91</b>	481.0	96.2	<b>80.00</b>	488.4	140.60	<b>71.21</b>	-
6	<b>*Biochemical Oxygen Demand for 3days at 27°C*</b>	90.2	17.0	<b>81.15</b>	147.0	22.0	<b>85.03</b>	148.4	37.4	<b>74.80</b>	<b>30.0</b>
7	<b>Phosphate(PO4-P)</b>	1.010	0.475	<b>52.97</b>	1.790	0.47	<b>73.74</b>	1.310	0.62	<b>52.67</b>	<b>5.0</b>
8	<b>Ammonical Nitrogen (NH3-N)</b>	7.330	6.81	<b>7.09</b>	8.740	7.85	<b>10.18</b>	7.860	6.95	<b>11.58</b>	<b>50.0</b>
9	<b>Chloride</b>	46.0	36.0	-	44.0	34.0	-	54.0	40.0	-	<b>1000.0</b>
10	<b>Total Suspended Solids</b>	-	26.0	-	-	22.0	-	-	36.0	-	<b>100.0</b>
11	<b>Total Dissolved Solids</b>	310.0	272.0	-	468.0	381.0	-	425.0	380.0	-	<b>2100</b>

% 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 p H, & Temperature*

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

Sample Collected by

*Shd*

Analysed by

*[Signature]*

*[Signature]*

I/C Water Lab



**J&K Pollution Control Board**  
Rajbagh, Srinagar Kashmir

Report No:- PCB/ROK/W.Lab/AR/20-21/96

Date 16/01/2021

**Analysis Report**

S.no	Parameter	STP NALLAH AMIR KHAN			STP BARINAMBAL LAWDA			STP BARINAMBAL UEED			Permissible limits as per genral standards for discharge of environmental pollutants
		RAW	FINAL	% TREATMENT	RAW	FINAL	% TREATMENT	RAW	FINAL	% TREATMENT	
Date of Sampling		12-01-2021			12-01-2021			12-01-2021			
1	Air Temperature	8.00			8.00			8.00			
2	Water Temperature	6.5	6.0		6.0	5.0		7.0	5.9		5°C above receiving water body.
3	pH	7.37	7.78		7.41	7.58		7.43	7.51		5.5 to 9.0
4	Dissolved Oxygen	0.50	7.9		0.60	7.4		0.40	3.4		-
5	Chemical Oxygen Demand	466.20	59.20	87.30	362.60	66.60	81.63	377.0	162.8	56.82	-
6	*Biochemical Oxygen Demand for 3days at 27°C*	121.0	12.0	90.08	122.9	14.0	88.61	123.0	62.0	49.59	30.0
7	Phosphate(PO4-P)	1.620	0.245	84.88	2.190	0.384	82.47	2.000	1.23	38.50	5.0
8	Ammonical Nitrogen (NH3-N)	8.330	2.072	75.13	8.664	2.442	71.81	8.268	7.79	5.81	50.0
9	Chloride	56.0	40.0	-	42.0	34.0	-	42.0	40.0	-	1000.0
10	Total Suspended Solids	-	20.0	-	-	21.0	-	-	123.0	-	100.0
11	Total Dissolved Solids	460.0	401.0	-	385.0	340.0	-	395.0	370.0	-	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

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