



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

Report No:-PCB/ROK/W.Lab/AR/20-21/101

Date 21/01/2021

*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>		<b>15-01-2021</b>			<b>15-01-2021</b>			<b>15-01-2021</b>			
1	<b>Air Temperature</b>	7.00			7.50			8.00			
2	<b>Water Temperature</b>	6.5	6.0	—	6.5	6.0	—	6.5	6.0	—	5°C above receiving water body.
3	<b>pH</b>	7.25	7.8	—	7.45	7.57	—	7.45	7.5	—	<b>5.5 to 9.0</b>
4	<b>Dissolved Oxygen</b>	0.90	6.0	—	0.60	5.6	—	0.50	5.9	—	—
5	<b>Chemical Oxygen Demand</b>	340.8	75.8	77.77	393.9	151.5	<b>61.54</b>	371.1	128.70	<b>65.32</b>	—
6	<b>*Biochemical Oxygen Demand for 3days at 27°C*</b>	109.0	18.5	<b>83.03</b>	128.5	47.5	<b>63.04</b>	106.5	31.0	<b>70.89</b>	<b>30.0</b>
7	<b>Phosphate(PO4-P)</b>	1.620	0.411	<b>74.63</b>	1.861	1.073	<b>42.34</b>	1.798	0.7	<b>61.07</b>	<b>5.0</b>
8	<b>Ammonical Nitrogen (NH3-N)</b>	8.170	7.24	<b>11.38</b>	8.400	8.01	<b>4.64</b>	8.390	7.52	<b>10.37</b>	<b>50.0</b>
9	<b>Chloride</b>	54.0	44.0	—	60.0	50.0	—	56.0	40.0	—	<b>1000.0</b>
10	<b>Total Suspended Solids</b>	—	23.0	—	—	56.0	—	—	48.0	—	<b>100.0</b>
11	<b>Total Dissolved Solids</b>	300.0	220.0	—	475.6	466.0	—	405.0	398.0	—	<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

*JET*

Analysed by

*Hijaz*

*[Signature]*

I/C Water Lab





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

Report No:- PCB/ROK/W.Lab/AR/20-21/102

Date 21/01/2021

*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	
	<b>Date of Sampling</b>	15-01-2021			15-01-2021			15-01-2021			
1	<b>Air Temperature</b>	8.00			6.70			6.70			
2	<b>Water Temperature</b>	7.5	7.0		5.5	5.0		5.0	4.5		5°C above receiving water body.
3	<b>pH</b>	7.46	7.65		7.43	7.86		7.41	7.48		5.5 to 9.0
4	<b>Dissolved Oxygen</b>	0.50	7.5		0.80	7.0		0.30	3		-
5	<b>Chemical Oxygen Demand</b>	348.40	45.40	<b>86.97</b>	336.60	53.02	<b>84.25</b>	393.9	181.8	<b>53.85</b>	-
6	<b>*Biochemical Oxygen Demand for 3 days at 27°C*</b>	128.0	9.5	<b>92.58</b>	98.5	12.5	<b>87.31</b>	134.5	59.5	<b>55.76</b>	30.0
7	<b>Phosphate(PO4-P)</b>	1.769	0.353	<b>80.05</b>	1.717	0.301	<b>82.47</b>	2.020	1.469	<b>27.28</b>	5.0
8	<b>Ammonical Nitrogen (NH3-N)</b>	8.680	2.51	<b>71.08</b>	7.890	2.046	<b>74.07</b>	7.800	7.26	<b>6.92</b>	50.0
9	<b>Chloride</b>	50.0	42.0	-	54.0	42.0	-	58.0	56.0	-	1000.0
10	<b>Total Suspended Solids</b>	-	20.0	-	-	24.0	-	-	146.0	-	100.0
11	<b>Total Dissolved Solids</b>	494.0	457.0	-	396.0	328.0	-	406.0	396.0	-	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

*SPCB*

Analysed by

*[Signature]*

*[Signature]*

I/C Water Lab