



J&K Pollution Control Board
Rajbagh, Srinagar Kashmir

Report No:- PCB/ROK/W.Lab/AR/20-21/78

Date 31/12/2020

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		26-12-2020			26-12-2020			26-12-2020			
1	Air Temperature	11.60			8.90			8.90			
2	Water Temperature	10.8	9.3		9.0	7.2		10.0	9.5		5°C above receiving water body.
3	pH	7.49	7.6		7.24	7.4		7.51	7.46		5.5 to 9.0
4	Dissolved Oxygen	0.50	8.5		0.30	8.4		0.20	3.3		—
5	Chemical Oxygen Demand	296.50	50.84	82.85	347.43	50.84	85.37	449.1	237.2	47.18	—
6	Biochemical Oxygen Demand for 3 days at 27°C	98.00	11.8	87.96	104.80	12.8	87.79	114.80	60.8	47.04	30.0
7	Phosphate(PO4-P)	1.945	0.451	76.81	2.230	0.475	78.70	2.020	1.437	28.86	5.0
8	Ammonical Nitrogen (NH3-N)	9.170	4.99	45.58	9.860	3.048	69.09	9.880	9.46	4.25	50.0
9	Chloride	60.0	50.0	—	66.0	45.0	—	66.0	56.0	—	1000.0
10	Total Suspended Solids	315.0	25.0	92.06	360.0	22.0	93.89	380.0	140.0	63.16	100.0
11	Total Dissolved Solids	489.0	433.0	—	462.0	310.0	—	440.0	428.0	—	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

Shahid

Analysed by

[Signature]

[Signature]

I/C Water Lab



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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		26-12-2020			26-12-2020			26-12-2020			
1	Air Temperature	10.00			9.60			10.60			
2	Water Temperature	9.0	8.6	-	9.2	9.1	-	10.1	9.9	-	5°C above receiving water body.
3	pH	7.51	7.38	-	7.15	7.45	-	7.45	7.3	-	5.5 to 9.0
4	Dissolved Oxygen	0.40	7.5	-	0.00	4.9	-	0.40	6.7	-	-
5	Chemical Oxygen Demand	245.7	76.2	68.99	440.6	135.5	69.25	322.1	110.1	65.82	-
6	Biochemical Oxygen Demand for 3days at 27°C	96.80	22.8	76.45	136.00	37.80	72.21	119.00	24.3	79.58	30.0
7	Phosphate(PO4-P)	1.217	0.502	58.75	2.160	0.556	74.26	1.960	0.505	74.23	5.0
8	Ammonical Nitrogen (NH3-N)	8.410	7.43	11.65	9.850	8.75	11.17	9.410	8.65	8.08	50.0
9	Chloride	48.0	32.0	-	54.0	52.0	-	48.0	44.0	-	1000.0
10	Total Suspended Solids	355.0	32.0	90.99	290.0	39.0	86.55	360.0	38.0	89.44	100.0
11	Total Dissolved Solids	287.0	251.0	-	492.0	472.0	-	389.0	370.0	-	2100

% age Treatment should be= 90%

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