



J&K Pollution Control Board
Rajbagh, Srinagar Kashmir

Report No:-PCB/ROK/W.Lab/AR/20-21/67
Date 23/12/2020

Analysis Report

S.no	Parameter	STP NISHAT LAAM			STP HABAK			STP HAZRATBAL			Permissible limits as per genral standards for discharge of environmental pollutants
		RAW	FINAL	% TREATMENT	RAW	FINAL	% TREATMENT	RAW	FINAL	% TREATMENT	
	Date of Sampling	19-12-2020			19-12-2020			19-12-2020			
1	Air Temperature	10.80			10.80			10.00			
2	Water Temperature	9.5	8.2	-	9.8	8.7	-	10.7	10.0	-	5°C above receiving water body.
3	pH	7.17	7.3	-	7.13	7.38	-	7.18	7.28	-	5.5 to 9.0
4	Dissolved Oxygen	0.80	7.4	-	0.40	5.9	-	0.50	5.3	-	-
5	Chemical Oxygen Demand	283.2	116.6	58.83	341.5	91.6	73.18	366.5	124.9	65.92	-
6	Biochemical Oxygen Demand for 3days at 27°C	98.80	32.8	66.80	118.80	24.80	79.12	120.80	34.8	71.19	-
7	Phosphate(PO4-P)	1.200	0.566	52.83	1.830	0.597	67.38	1.622	0.78	51.91	30.0
8	Ammonical Nitrogen (NH3-N)	8.879	8.352	5.94	9.604	8.57	10.76	10.022	8.931	10.89	5.0
9	Chloride	46.0	48.0	-	58.0	52.0	-	60.0	56.0	-	50.0
10	Total Suspended Solids	262.0	33.0	87.40	292.0	42.0	85.62	273.0	54.0	80.22	1000.0
11	Total Dissolved Solids	326.0	330.0	-	427.0	401.0	-	420.0	412.0	-	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 p H, & Temperature

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

Sample Collected by

[Signature]

Analysed by

[Signature]

[Signature]
I/C Water Lab



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Rajbagh, Srinagar Kashmir

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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		19-12-2020			19-12-2020			19-12-2020			
1	Air Temperature	11.30			9.80			10.70			
2	Water Temperature	10.1	9.1		9.3	9.2		9.6	9.1		5°C above receiving water body.
3	pH	7.37	7.5		7.26	7.43		7.22	7.39		5.5 to 9.0
4	Dissolved Oxygen	0.40	7.2		0.50	7.0		0.20	3.5		
5	Chemical Oxygen Demand	283.20	58.31	79.41	324.80	66.60	79.50	474.8	216.5	54.40	-
6	Biochemical Oxygen Demand for 3days at 27°C	96.80	11.3	88.33	108.80	15.8	85.48	144.80	62.8	56.63	
7	Phosphate(PO4-P)	1.598	0.578	63.83	2.043	0.468	77.09	2.342	1.352	42.27	30.0
8	Ammonical Nitrogen (NH3-N)	9.108	2.281	74.96	10.074	2.296	77.21	10.857	9.51	12.41	5.0
9	Chloride	60.0	56.0	-	62.0	60.0	-	62.0	54.0	-	50.0
10	Total Suspended Solids	282.0	23.0	91.84	302.0	21.0	93.05	347.0	123.0	64.55	1000.0
11	Total Dissolved Solids	430.0	410.0	-	432.0	378.0	-	423.0	419.0	-	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

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Sample Collected by

Analysed by

A. Malik
I/C Water Lab