

# Gujarat Pollution Control Board

Paryavaran Bhavan

Sector-10-A, GANDHINAGAR-382043.

Phone : 22756, 22095, 22096 Gram CLEANWATER

Fax : 02712-32156



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## CENTRAL LABORATORY Physico Chemical Analysis Report

SOURCE OF SAMPLE	
Date and Time of Collection	
Lab Reg. Inward No.	
Sr. No.	PARAMETERS
1.	Temperature ( $^{\circ}\text{C}$ )
2.	Colour (Pt. Co. scale)
3.	pH (pH unit)
4.	Alkalinity (as $\text{CaCO}_3$ ) mg/l
5.	Conductivity ( $\mu\text{S}/\text{cm}$ )
6.	Turbidity (NTU)
7.	Total Dissolved Solids (mg/l)
8.	Suspended Solids (mg/l)
9.	Ammonical Nitrogen (mg/l)
10.	Nitrite ( $\text{NO}_2\text{-N}$ ) mg/l
11.	Nitrate ( $\text{NO}_3\text{-N}$ ) mg/l
12.	Chlorides (as $\text{Cl}^-$ ) (mg/l)
13.	Sulphate (as $\text{SO}_4^{2-}$ ) (mg/l)
14.	Dissolved Oxygen mg/l
15.	COD (mg/l)
16.	Total Hardness (as $\text{CaCO}_3$ ) mg/l
17.	Calcium ( $\text{Ca}^{++}$ ) mg/l
18.	Magnesium ( $\text{Mg}^{++}$ ) mg/l
19.	% Na
20.	SAR
21.	Fluoride (as $\text{F}^-$ ) (mg/l)
22.	Phenol mg/l
23.	Sulfide mg/l
24.	Boron mg/l
25.	Cyanide mg/l
26.	Phosphate (as $\text{PO}_4\text{-P}$ ) (mg/l)
27.	Manganese (Mn) mg/l
28.	Iron (mg/l)
29.	Zinc (mg/l)
30.	Copper (mg/l)
31.	Nickle (mg/l)
32.	Lead (mg/l)
33.	Total Chromium (mg/l)
34.	Hexavalent Chromium (mg/l)
35.	Total Coliform (MPN/100 ml)
36.	Fecal Coliform (MPN/100 ml)

Date: - 03. 11. 2007  
Nalsarovar Catchment Area.

Core zone body of  
Nalsarovar, Nalsarovar,  
Dist:- Ahmedabad.

06.10.2007 at 12:00 hrs.  
3359/2007

20

10

9.45

110

1980

0.1

1032

04

0.36

0.016

0.13

490

117

7.7

05

180

40

19

87

18

0.25

NIL

NIL

NIL

NIL

0.117

NIL

1.08

0.14

0.03

NIL

0.14

NIL

NIL

23

15

Patel.

(Mrs. R. N. Patel)  
J.C. Scientific Officer