



ANALYSIS REPORT

Sample / Report No.	TH/CP/06/09/6		
Name of Client	M/S.DALAL ENGINEERING PVT.LTD		
Address of Client	Manufacturers Of Industrial Equipment Works Kavesar, Thane-Ghodbunder Road, Thane		
Order /Reference No.	Letter Dated : 06.06.2009		
Sampling Point	1.New Borewell Water Sample		
Sample Collected By	Client	Received on	06.06.2009
Start of Analysis	06.06.2009	End of Analysis	10.06.2009
Sample Container	Plastic	Sample Quantity	1000 ml
Limits	As per IS 10500 :2003 - Desirable Limits		

Parameters	Sample 1	Limits	Units	Method
Physical Parameters :				
Colour	1.00	< 5.0	Hazen	IS 3025 (Part 4)
Turbidity	0.27	< 5.0	NTU	IS 3025 (Part 10)
Chemical Parameters :				
pH	7.17	6.5 to 8.5	--	IS 3025 (Part 11)
Total Dissolved Solids	240.00	< 500	mg/lit	IS 3025 (Part 15)
Total Alkalinity	167.24	< 200	mg/lit as CaCO ₃	IS 3025 (Part 22)
Total Hardness	160.00	< 300	mg/lit as CaCO ₃	IS 3025 (Part 21-2)
Calcium	46.40	< 75	mg/lit as Ca	IS 3025 (Part 40-5)
Iron	<0.01	< 0.30	mg/lit as Fe	IS 3025 (Part 53-7)
Chlorides	24.00	< 250	mg/lit as Cl	IS 3025 (Part 32-2)
Sulphates	5.95	< 200	mg/lit as SO ₄	IS 3025 (Part 24-4)
Nitrates	0.36	< 45	mg/lit as NO ₃	IS 3025 (Part 34 b)
Residual Chlorine	<0.05	> 0.20	mg/lit	IS 3025 (Part 26-3)
Microbiological Analysis :				
Total Coliforms	>1800	<10	org/100 ml	IS 1622
Escherichia coli	Present	Absent	per 100ml	IS 1622

NOTE :Based upon above results physico chemical analysis indicates all the values are within limit. But the water sample is microbiologically contaminated. Hence the water sample is not suitable for Drinking for purpose.


T.M.Thakur
Assistant Manager


Dr.N.S.Amritkar
Director