

HIMACHAL PRADESH IRRIGATION AND PUBLIC HEALTH DEPTT.
WATER TESTING LABORATORY SUB-DIVN. SUNDERNAGER

Lab Ref No. 49741 16-2-11 3712 Dated 16-2-11
 Name & Address of sender Integrated Rural Development Association Nalatha Division SNR
 Section I.E.

1. Name of Scheme SNR Integrated Rural Development Association Nalatha
2. Type of Source Well
3. Place of Collection
4. Date & Time 16-2-11 at 12:35 pm
5. Date & Time of receipt at Laboratory 16-2-11 at 1:15 pm
6. Nature of Sample: 1. Raw Water 2. Chlorinated Water 3. Hand Pump
4. Distribution System 5. Well

(A) PHYSICAL TESTS

Sr. No.	Parameter	Acceptable	Cause of rejection	Result of Sample
1	Temperature			20 °C
2	Turbidity (NTU)	2.5	10	2.0 NTU
3	Colour	5	25	Normal
4	Taste & Odour	Un-objectionable	Objectionable	Normal
5	Total dissolved solids	500	1500	— Mg/L
6	Total suspended solids			— Mg/L

(B) CHEMICAL TESTS

1	PH Value	7 to 8.5	Less than 6.2 & More than 9.2	7.21
2	Residual Chlorine	0.1 ppm to 2 ppm	Above 2 ppm	— PPM
3	Total Hardness as CaCO ₃	200 Mg/L	600 Mg/L	364.0 Mg/L
4	Total Alakinity			283.0 Mg/L
5	Chloride	200	1000	15.02 Mg/L
6	Conductance			608.0 μ mho/cm
7	Nitrites			Nile Mg/L
8	Iron	0.10 Mg/L	1.0 Mg/L	Nile Mg/L
9	Florides	1.00	1.5	Nile Mg/L

(C) BACTERIOLOGICAL TESTS

1	Total No. of Colifoams	Less than 10	More than 10	Mpn/100ml
				Nile

REMARKS All the contents of the water sample tested above are within limits.

Lab Incharge

AAE IPH Section SNR

Asst Prof
 Dept of Business Management
 COH, UHF, Nauni, Solan (H.P.)

0606/85
17/7/2011
ABG