PHC BATHRI

Block Haroli Distt. Una (H.P.)

Ref. No.....

Date : 23/11/2018

To whom It May Concern

Certified that Dashmesh Public School Gurplah Tehsil Haroli Distt Una. H.P. have urinals and Toilets are up to Normal standards till date.

Medical Officer I/C
PHC Bathri
Distt. Una (H.P.)

Manager
Dashmesh Public School
Gurplah Sahib. Una (H.P.)

Principal
Dashmesh Public School
Gurplah Sahib. Una (H.P.)

Lab. Ref. No. PHL/886-87

HIMACHAL PRADESH I. & P.H. DEPARTMENT
PUBLIC HEALTH LABORATORY, UNA (H.P.)

REPORT ON PHYSICAL, CHEMICAL & BACTERIOLOGICAL EXAMINATION OF WATER SAMPLE

Sender's Address : PRINCIPAL DASHMESH Public School Gurplah Distt Una (H.P.)
Name of water supply scheme : W.S.S to Dashmesh Public School Gurplah Distt Una
Name of Source : Tube Well (R.O. Filter)
From where the sample collected : Tap water in the Complex of Dashmesh public School Gurplah
Date & Time of Collection of sample : 13-8-15 at 9.15 Am
Date & Time of Arrival at Laboratory : 13-8-15 at 11.30 Am
Dt. & Time of Commencing Examination : — do —

PHYSICAL EXAMINATION

Parameter	Acceptable Limit	Pemissible limit in the absence of alternate source	Result
Appearance			Normal
Colour (Hazen Scale Units)	5	15	Normal
Taste & Odour (Qualitative)			Unobjectionable
Turbidity (NTU)	1	5	0.5
Conductivity (Micro siemens/cm)			—
PH	6.5 to 8.5	6.5 to 8.5	7.82
Temperature (°C)			—

CHEMICAL EXAMINATION (Result in mg./L)

Parameter	Acceptable Limit	Pemissible limit in the absence of alternate source	Result
Free Carbon dioxide as Co_2	—		—
P.Alkalinity as $CaCo_3$	—		Nil
M.O. Alkalinity as $CaCo_3$	200	600	150
Total Hardness as $CaCo_3$	—		120
Carbonate Hardness as $CaCo_3$	—		120
Non-Carbonate Hardness as $CaCo_3$	—		Nil
Free and Saline Ammonia as N	—		Nil
Albuminoid as N	—		Nil
Nitrite as N	—		Nil
Nitrate as No_3	45	45	Nil
Dissolved oxygen as O_2	—		—
Oxygen abd (37°C 3mts.) as O_2	—		—
Oxygen abd (37°C3 hours) as O_2	—		—
Chloride as Cl	250	1000	14
Sulphate as So_4	200	400	2
Fluoride as F	1.0	1.5	0.12

Parameter	Acceptable Limit	Pemissible limit in the absence of alternate source	Result
Iron as Fe	0.1	0.3	0.03
Manganese as Mn	0.005		Nil
Calcium as Ca	75	200	32.0
Magnesium as Mg	30		9.60
Total Solids dried at 105°C	500	2000	300
Total residual chlorine as Cl_2	--		Nil
Free residual chlorine as Cl_2	--		Nil
Zinc as Zn	5.0	15	—
Copper as Cu	0.05	1.5	—
Chromium hexavalent as Cr	0.05	0.05	Absent
Arsenic as As	0.01	0.05	Absent
Cadmium as Cd			—

BACTERIOLOGICAL EXAMINATION

MPN of coliforms : Nil /100ml.
MPN of faecal coliforms : — /100ml.
MPN of E coil : — /100ml.
(Coliform count shluld be zero in any sample of 100ml from water entering the distribution system)

REMARKS : Contents of Sample are with in permissible limit w.r.t. above conducted test

Water Analyst
Water Testing Lab.
I. & P.H. Deptt. Una (H.P.)

Assistant Engineer,
I. & P.H. Sub-Divn. No. I,
Una (H.P.)