

Himachal Pradesh
Jal Shakti Vibhag

No. EE/JSDD/LAB/WTZ :- 595

Date:- 19/04/2023

To.

HIGHLAND PUBLIC SCHOOL,
Village Ruhru, P.O. Sudher,
Dharamshala, H.P.-176217.

Subject :- Examination of water sample.

Reference :- Your Letter No. IIPS/IPH/WS-110423. Dated- 11/04/2023.

The water sample sent vide your letter under reference for Physical, Chemical & Bacteriological examination, has been examined in Public Health Laboratory Dharamshala. Results, thereof, are sent herewith for your Information.

DA/ One Report

Executive Engineer,
Jal Shakti Division,
Dharamshala.

Vimal

[Signature]
Manager
Highland Public School
Vill. Ruhru, P.O. Sudher
Dharamshala (H.P.) - 176215

[Signature]
Principal
Highland Public School
Vill. Ruhru, P.O. Sudher
Dharamshala (H.P.) - 176215

Lab. Ref. No.

7/PC-04/IL 15

HIMACHAL PRADESH JAL SHAKTI VIBHAG
PUBLIC HEALTH LABORATORY, DHARAMSHALA

REPORT ON PHYSICAL CHEMICAL & BACTERIOLOGICAL EXAMINATION OF WATER SAMPLE.
HIGHLAND PUBLIC SCHOOL, Village Ruhru, P.O. Sudher,
Dharamshala, H.P. 176215.

Sender:

(Water sample collected & forwarded by sender.)

Name of water supply scheme :-
Source :-
Where collected :- BOREWELL
Date and time of collection :- From Source
Date and time of arrival at Laboratory :- 11-04-2023 at 09:45 a.m.
Date and time of commencing examination :- 11-04-2023 at 10:30 a.m.
---do---

PHYSICAL EXAMINATION		
Parameter	Acceptable limit	Result
Appearance	..	Clear
Colour (Hazen scale units)	..	Normal
Taste and odour (Qualitative)	..	Nothing objectionable
Turbidity (NTU )	..	..
Conductivity (micro Siemens / cm)	1.0.	1.3
pH	..	3.11
Temperature (0°C)	6.5-8.5	6.5

CHEMICAL EXAMINATION (Results in mg / l)					
Parameter	Acceptable limit	Result	Parameter	Acceptable limit	Result
Free carbon dioxide as CO ₂	..	1	Iron as Fe	0.3	0.2
P. alkalinity as CaCO ₃	..	Nil	Manganese as Mn	0.1	Nil
M. O. alkalinity as CaCO ₃	200	62	Calcium as Ca	75	48
Total hardness as CaCO ₃	200	220	Magnesium as Mg	30	24.3
Carbonate hardness CaCO ₃	..	62	Total solids dried at 105°C	..	..
Non-carbonate hardness as CaCO ₃	..	158	Total residual chlorine as Cl ₂	0.2	..
Free and saline ammonia as N	..	Nil	Free residual chlorine as Cl ₂	..	..
Albumenoid ammonia as N	..	..	Zinc as Zn	5.0.	..
Nitrite as N	..	0.1	Copper as Cu	0.05	..
Nitrate as N	10.16	Nil	Chromium hexavalent as Cr	0.05	..
Dissolved oxygen as O ₂	..	..	Arsenic as As	0.01	N.D.
Oxygen abd. (370C, 3 mts.) as O ₂	..	..	Cadmium as Cd	0.01	..
Oxygen abd (170C, 3 hours.) as O ₂	..	..	TDS	500	160
Chloride as Cl	250	9.5			
Sulphate as SO ₄	200	10			
Fluoride as F	1.0.	0.1			

BACTERIOLOGICAL EXAMINATION

MPN of coliforms : (At 37°C for 48 hours in MacConkey broth) Nil/ 100ml
 MPN of E.coli or Thermo Tolerant coliforms : (At 44°C for 24 hours in BG11 broth/ Tryptone Water). Nil/ 100ml
 (Coliform count should be zero in any sample of 100ml from water entering the distribution system)

REMARKS :-

Date :- 19/04/2023.



[Signature]
Assistant Chemist

[Signature]
Manager
Highland Public School
Vill. Ruhru, P.O. Sudher
Dharamshala (H.P.) - 176215

[Signature]
Principal
Highland Public School
Vill. Ruhru, P.O. Sudher
Dharamshala (H.P.) - 176215

APPENDIX - VIII

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION
CERTIFICATE.

No. 7/2023

Date: 09/06/2023

It is certified that an inspection team headed by Dr Ruchi Sharma
(M.O P.H.C Charai) (Name of Officers
with designation) from Primary Health Centre Charai (Name of
Department/Office) inspected the Highland Public School, Vill. Ruhru
P.O. Sudher Dharamshala (H.P.) - 176215 (Name & Address of
the School) on 9/06/2023 and found that the Highland Public
School (Name of school) has safe
drinking water facilities for the students and members of staff of the institution and is maintaining
the hygienic sanitation condition in the school building & the campus as per the norms
prescribed by the Central/State/U.T. Govt.

The above valid for a period of June 2023 to June 2024.

Signature with Seal :

Name

Designation

Dr Ruchi Sharma
Medical Officer
M.O. P.H.C CHARAI

To

Highland Public School
Vill. Ruhru, P.O. Sudher
Dharamshala (H.P.) - 176215

(Name & Address of the Institution)

[Signature]
Manager
Highland Public School
Vill. Ruhru, P.O. Sudher
Dharamshala (H.P.) - 176215

[Signature]
Principal
Highland Public School
Vill. Ruhru, P.O. Sudher
Dharamshala (H.P.) - 176215