

GOVERNMENT OF HIMACHAL PRADESH
Public Works Department

RECEIPT FOR PAYMENT TO GOVERNMENT

Recd No. 10641

No 1164087

DIVISION 11/4/18 SUB-DIVISION 11/4/18 Dated 20

Received from M.K.M. Public School Bhojwala,
an c/c of water sample.

Rs. 1000/- Rupees One thousand only

on account of water sample for drinking purposes.

Cashier
or
Accountant.

Signature of Engineer
L.P.H. Sub Division
Indora (Kangra) H.P.

HIMACHAL PRADESH IRRIGATION AND PUBLIC HEALTH DEPARTMENT

WATER TESTING LABORATORY..... Indora.....

1173

Name and address of sender.....
 Division..... Indora.....
 Sub-Division..... Gangath..... Section..... Damtel
 Name of District..... Kangra.....
 Name of Block..... Indora.....
 Name of Panchayat..... Gangwal..... Name of Village..... Bhadoya..... Name of Habitation(s)..... Bhadoya
 Name of Scheme and Location of Source..... M.K.M. Public School Bhadoya pvt. sample
 Type of Source: Scheme source /Delivery Point/Stand Post/Surface Water/Private/Public
 Date & Time of Receipt at laboratory..... 26/3/18 1:00..... Date & Time of Commencing..... 26/3/18 3:00
 Type of Sample: Raw Water/Filtered Water/Chlorinated water/ Distributed system/ Hand Pump.
 Limits : Based upon BIS : 10500-2012

(A) PHYSICAL PARAMETER

Sr. No.	Test Parameter	Units	Acceptable Limit	Permissible Limit (in the absence of alternate source)	Result
1.	Temperature	C°			15°C
2.	Colour	Hazen Units	5	15	5
3.	Odour	--	Agreeable	Agreeable	Agreeable
4.	Taste	--	Agreeable	Agreeable	Agreeable
5.	Turbidity (NTU)	NTU	1	5	1
6.	ph	--	6.5-8.5	No Relaxation	8.5

(B) CHEMICAL PARAMETER

7.	TDS/Elect Conductivity	Mg/l	500	2000	186
8.	Total Alkalinity	Mg/l	200	600	80
9.	Chloride (as Cl)	Mg/l	250	1000	56
10.	Total Hardness	Mg/l	200	600	200
11.	Nitrate (as NO3)	Mg/l	45	No relaxation	11.2
12.	Fluoride (as F)	Mg/l	1.0	1.5	0.0
13.	Sulphate (as SO4)	Mg/l	200	400	0.0
14.	Ammonia	Mg/l	0.5	No relaxation	—
15.	Sodium*	Mg/l	--	-- --	—
16.	Potassium*	Mg/l	--	-- --	—

(C) HEAVY METALS

17.	Iron/Mg/l	Mg/l	0.3	No relaxation	0.1
18.	Magnese (as Mn)	Mg/l	0.1	0.3	—
19.	Total Arsenic (as As)	Mg/l	0.01	0.05	—
20.	Copper*	Mg/l	0.05	1.5	—
21.	Total Chromium (as Cr)*	Mg/l	0.05	No relaxation	—
22.	Lead*	Mg/l	0.01	No relaxation	—
23.	Nickel*	Mg/l	0.02	No relaxation	—
24.	Zinc*	Mg/l	5	15	—
25.	Aluminum*	Mg/l	0.03	0.2	—
26.	Selenium*	Mg/l	0.01	No relaxation	—
27.	Silver*	Mg/l	0.1	No relaxation	—

(D) MICROBIOLOGICAL

28.	Total coli froms	Number/100ml	Nil	Nil	Nil
29.	E-Coli/Thermo tolerant Coliforms	Number/100ml	Nil	Nil	—

(E) SPECIFIC PARAMETER

30.	Free Resicuel Chlorine	Mg/l	0.2	1.0	0.0
31.	Oil & Grease*	Mg/l	--	--	—
32.	Dissolved (DO)*	Mg/l	--	--	—
33.	Biochemical Oxygen Demand*	Mg/l	--	--	—
34.	Chemical oxygen Demand*	Mg/l	--	--	—

Note:- Indicate discrete sampling water quality monitoring to be continued only if these are traced in drinking water sources
 Remarks..... All parameter under BIS limit. So water is safe and can be use as a drinking purpose

Assistant Chemist
 IPH Sub-Division

Assistant Engineer
 IPH Sub-Division

HIMACHAL PRADESH
IRRIGATION CUM PH DEPARTMENT
AE/IPHSD/INDORA/LAB/2018- 81

DATED:- 11/4/18

To,

The Assistant Engineer,
I& PH Sub-division ,
Gangath

Subject:- Water Sample Testing Report of M.K.M Public School Bhadroya

Sir ,

As you forwarded water sample of **M.K.M Public School Bhadroya** on date 26/3/2018 under ref. no. EE/IPH/SPL-1/WS CAMP LODHWAN 26/03/2018 that's detailed parameter is attached with this letter. Water is found fit for drinking purpose. All parameter are within limit. *The Amount of water is Rs. 1000/-*

GR No. 1164087 dated 11/4/18.

Day water Sample Report

Assistant Engineer
IPH sub division
Indora

HIMACHAL PRADESH
IRRIGATION CUM PH DEPARTMENT

NO:- AE/IPH/SD/IND/Water Test Report/2018 *Spl-2. Camp at Indora* Dated:- *8-8-18*
To,

The M.K.M Public School,
VPO Bhadroya Tehsil Nurpur,
Distt. Kangra HP.

Subject:- Report of Health and Sanitation Services of M.K.M. Public School Bhadroya HP.

Sir,

As you water sample of M.K.M. Public School Bhadroya on dated 26.03.2018 under Ref. No. EE/IPH/SPL-1/WS CAMP Lodhwan and inspection of M.K.M. Public School Bhadroya HP. made by Assistant Engineer on dated 11.04.2018 that's detailed parameter is attached with this letter. Water is found fit for drinking purpose. All toilets were found Hygienic and clean. The sanitation conditions were satisfactory. All parameter are within limit.

~~This certificate is valid upto.....~~

DA/ As above

M. K. M.
Assistant Engineer,
Irrig. Cum P.H Sub-Division,
~~Indora~~ *Gayatri*