

DISTRICT WATER TESTING LABORATORY

P.H.E.D.- RAIPUR (C.G.)

E-mail aephe.subdnraipur@gmail.com phone 0771-2970682

19

-: DRINKING WATER TESTING REPORT :-

District – Raipur	Block - -	Village - -	Location
Report No -	422	Report Date - 01.09.2017	प्राचार्या, ज्ञान गंगा एज्युकेशनल एकेडमी, रायपुर छ.ग.
1 Sample Collected By -	By Party		1. Bore Water
2 Sample Receipt Date -	30.08.2017		
3 Date of Testing started -	30.08.2017		
4 Date of Testing completed -	01.09.2017		

S.No	Parameter Type	Quality Parameter	Unit Of Measurement	BIS Desirable Limit	BIS Permissible Limit (10500-2012)	Actual Level
01	Chemical	Iron	mg/l	0.3	1.0	Nil
02	Chemical	Nitrate	mg/l	45	45	35.06
03	Chemical	Arsenic	mg/l	0.01	0.01	-
04	Chemical	Fluoride	mg/l	1.0	1.5	0.21
05	Chemical	Chloride	mg/l	250	1000	110
06	Chemical	TDS	mg/l	500	2000	391.4
07	Chemical	Alkalinity	mg/l	200	600	310
08	Chemical	Calcium	mg/l	75	200	76.8
09	Chemical	Aluminium	mg/l	0.03	0.2	-
10	Chemical	Copper	mg/l	0.05	1.5	-
11	Chemical	Magnesium	mg/l	30	100	31.10
12	Chemical	Residual Chlorine	mg/l	0.2	1.0	Nil
13	Chemical	Sulphates	mg/l	200	400	32
14	Chemical	Manganese	mg/l	0.1	0.3	-
15	Others	pH		6.5	8.5	7.70
16	Physical	Turbidity	NTU	1.0	5.0	2.00
17	Chemical	Hardness	mg/l	200	600	320
18	Bacteriological	Faecal Coli Form	C.F.U. Count/100ml	0	0	1600

*Assistant Engineer,
Sub Division Raipur (C.G.)*

Sample No. 1 Bacteria Present
Chlorination Required

*Chemist,
District Laboratory
P.H.E.D. Raipur (C.G.)*

PUBLIC HEALTH ENGINEERING

DEPARTMENT

RAIPUR (C.G.)

WATER ANALYSIS

No.

51

BILL

Book No.

02

Dated

1-09-1

To,

The

प्राथमिक स्वास्थ्य केंद्र
राज्य केन्द्र

No.	DESCRIPTION	Rate	Quantity	AMOUNT Rs.
(1)	Chemical Test	Rs. 92/- each sample	2	184
(2)	Bacteriological Examination	Rs. 25/- each sample	2	50
(3)	Sterilized Bottle Charge Only	each Bottle		
(4)	Water Sample Box	each per day		
(5)	Other Extra Charge			
Total				Rs. 23

Chemist,

Public Health Engg. Deptt. Distt. Lab.
RAIPUR

Assistant Engineer,
P.H. Engg. Sub-Division
RAIPUR (C.G.)

DISTRICT WATER TESTING LABORATORY P.H.E.D.- RAIPUR (C.G.)

E-mail aephe.subdnraipur@gmail.com phone 0771-2970682

18

-: DRINKING WATER TESTING REPORT :-

District – Raipur	Block - -	Village - -	Location
Report No -	422 A	Report Date - 01.09.2017	प्राचार्या, ज्ञान गंगा एज्युकेशनल एकेडमी, रायपुर छ.ग.
1 Sample Collected By -	By Party		1. U.V. Water
2 Sample Receipt Date -	30.08.2017		
3 Date of Testing started -	30.08.2017		
4 Date of Testing completed -	01.09.2017		

S.No	Parameter Type	Quality Parameter	Unit Of Measurement	BIS Desirable Limit	BIS Permissible Limit (10500-2012)	Actual Level
01	Chemical	Iron	mg/l	0.3	1.0	Nil
02	Chemical	Nitrate	mg/l	45	45	34.06
03	Chemical	Arsenic	mg/l	0.01	0.01	-
04	Chemical	Fluoride	mg/l	1.0	1.5	0.21
05	Chemical	Chloride	mg/l	250	1000	66
06	Chemical	TDS	mg/l	500	2000	312.2
07	Chemical	Alkalinity	mg/l	200	600	260
08	Chemical	Calcium	mg/l	75	200	67.2
09	Chemical	Aluminium	mg/l	0.03	0.2	-
10	Chemical	Copper	mg/l	0.05	1.5	-
11	Chemical	Magnesium	mg/l	30	100	27.21
12	Chemical	Residual Chlorine	mg/l	0.2	1.0	Nil
13	Chemical	Sulphates	mg/l	200	400	28
14	Chemical	Manganese	mg/l	0.1	0.3	-
15	Others	pH		6.5	8.5	7.34
16	Physical	Turbidity	NTU	1.0	5.0	1.28
17	Chemical	Hardness	mg/l	200	600	280
18	Bacteriological	Faecal Coli Form	C.F.U. Count/100ml	0	0	0

*Assistant Engineer,
Sub Division Raipur (C.G.)*

Potable Water

*Chemist,
District Laboratory
P.H.E.D. Raipur (C.G.)*