

कार्यालय सहायक अभियंता

लोक स्वास्थ्य यांत्रिकी विभाग, उपखण्ड — कोरबा (छ.ग.)

पत्र क्र० 90 /स.अ./जि.ज.प.प्र./लोक स्वा.यां./उपखण्ड/कोरबा, दिनांक 10/04/2023  
प्रति,


Principal  
St. Thomas public school  
Dipka  
Distt - Korba

विषय :- जल परीक्षण रिपोर्ट भेजने बाबत।  
संदर्भ :- आपका पत्र क्र० STPS/DIPKA/19/23/925, दिनांक - 26.06.2023

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विषयांतर्गत लेख है कि आपके द्वारा विकासखण्ड Katghora के संस्था/फर्म/ग्राम पंचायत St Thomas public school 01 नग जल नमूना, जिला जल परीक्षण प्रयोगशाला में जाँच हेतु जमा किया गया। जिसका परीक्षण कर परीक्षण रिपोर्ट आपकी ओर आवश्यक कार्यवाही हेतु सूचनार्थ प्रेषित है।

सहपत्र :- जल परीक्षण रिपोर्ट।

  
सहायक अभियंता  
लोक स्वास्थ्य यांत्रिकी  
उपखण्ड—कोरबा (छ.ग.)



**District Water Testing Laboratory**  
**Public Health Engineering Department, Div. Korba**  
**Near ITI Chowk Rampur, Korba (C.G.)**

e-mail:- dwtblabkrb@gmail.com , phone no. 07759296503

**Test Report (Drinking Water)**

Report no. DL/PHED/KRB. - 89	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. :- IC99012200000089F	
St. Thomas Public School Dipka Block - Katghora	Senders letter no./Date	STPS/DIPKA/19/23/92 5/26.06.2023	Sampled by	Staff S.T.P.S. Dipka
	Sample collection date	03.07.2023	Sample Collected at -	-4°C/24 Hour Transported in Ice Box
	DL receipt no.	210	Sampling Plan & procedure	Sampling is not done by laboratory staff
	Date of analysis started	04.07.2023	DL Receipt date	04.07.2023
			Date of analysis completed	10.07.2023

Sample Details					
S No.	Sample ID	District/Block	City/Village	Habitation	Location/Source ID/GPS Identification
1	DL- KRB-203-3090-072023	Korba/Katghora	Dipka	-	St. Thomas Public School Dipka, Block - Katghora

Details of parameters their test method units and specification as per IS:3025/APHA

S. No	Parameters	Test method IS:3025/APHA 23rd ed.		unit	As per IS-10500- 2012(Second Rev) for drinking water		Results				
		method	Part no.		Acceptab le Limit	Permissi ble Limit	1	2	3	4	5
1	2	3	4	5	6	7					
1	Colour	APHA23 rd ed	2120-B	Hazen Unit	5	15	5				
2	Odour	IS:3025	Part 5	-	Agreeable	Agreeable	Agreeable				
3	Taste	IS:3025	Part 8	-	Agreeable	Agreeable	Agreeable				
4	TDS (Total Dissolved Solids)	APHA23 rd ed	2540-C	mg/l.	500	2000	180				
5	Chloride as Cl-	IS:3025	Part- 32(2019)	mg/l.	250	1000	22.66				
6	Alkalinity as CaCO <sub>3</sub>	IS:3025	Part-23	mg/l.	200	600	67.46				
7	Total Hardness as CaCO <sub>3</sub>	IS:3025	Part-21	mg/l.	200	600	93.55				
8	Calcium as Ca <sup>2+</sup>	IS:3025	3500-Ca- B	mg/l.	75	200	21.09				
9	Magnesium as Mg <sup>2+</sup>	APHA23 rd ed	3500 Mg- B	mg/l.	30	100	9.95				
10	pH	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxati on	7.64				
11	Turbidity	IS:3025	Part-10	NTU	1	5	2.8				

- The report should not be produced partly or full without approval signatory authority of legal purpose.
  - It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
  - The results refer only to tested samples and parameters.
  - Samples will be stored for a period of 10 days from date of issue of report.
  - This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Remarks - 1. Results apply to the sample as received.  
2. Sampling not done by Lab staff.

Reviewed By:

*Sonika*  
Sonika Maitry

Technical Head

D.W.T. Lab Korba(C.G.)

Issue no./date 89/10.07.2023

Page no. 01/03

*Aparna Jha*  
Aparna Jha  
Chemist

D.W.T. Lab Korba (C.G.)

End Of Report



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**Public Health Engineering Department, Div. Korba**  
**Near ITI Chowk Rampur, Korba (C.G.)**

e-mail:- dwtlabkrb@gmail.com , phone no. 07759296503

**Test Report (Drinking Water)**

Report no. DL/PHED/KRB. - 89	Discipline:- Chemical Testing	Group:- Drinking Water		
St. Thomas Public School Dipka Block - Katghora	Senders letter no./Date	STPS/DIPKA/19/23/92 5/26.06.2023	Sampled by	Staff S.T.P.S. Dipka
	Sample collection date	03.07.2023	Sample Collected at -	-4 <sup>0</sup> C/24 Hour Transported in Ice Box
	DL receipt no.	210	Sampling Plan & procedure	Sampling is not done by laboratory staff
	Date of analysis started	04.07.2023	DL Receipt date	04.07.2023
			Date of analysis completed	10.07.2023

**Sample Details**

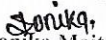
S No.	Sample ID	District/Block	City/Village	Habitation	Location/Source ID/GPS Identification
1	DL- KRB-203-3090-072023	Korba/Katghora	Dipka	-	St. Thomas Public School Dipka, Block - Katghora

**Details of parameters their test method units and specification as per IS:3025/APHA**

S. No	Parameters	Test method IS:3025/APHA 23rd ed.		unit	As per IS-10500- 2012(Second Rev) for drinking water		Results				
		method	Part no.		Acceptab le Limit	Permissi ble Limit	1	2	3	4	5
1	2	3	4	5	6	7					
12	Sulphate as SO4--	IS:3025	Part-24	mg/l.	200	400	6				
13	Nitrate as NO3-	APHA23 rd ed	4500- NO3-B	mg/l.	45	No Relaxati on	1				
14	Iron as Fe2+	APHA23 rd ed	3500-Fe- C	mg/l.	01	No Relaxati on	0.18				
15	Fluoride as F-	APHA23 rd ed	4500-F-C	mg/l.	01	1.5	0.07				
16	Residual Chlorine	-	-	mg/l.	0.2	1	0				

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  - The results refer only to tested samples and parameters.
  - Samples will be stored for a period of 10 days from date of issue of report.
  - This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Remarks - 1. Results apply to the sample as received.  
2. Sampling not done by Lab staff.


Reviewed By:

  
Sonika Maitry  
Technical Head

D.W.T. Lab Korba(C.G.)

Issue no./date - 89/10.07.2023

Page no. 02 /03

  
Aparna Jha  
Chemist  
D.W.T. Lab Korba(C.G.)

End Of Report

**District Water Testing Laboratory**  
**Public Health Engineering Department, Div. Korba**  
**Near ITI Chowk Rampur, Korba (C.G.)**  
e-mail:- dwtlabkrb@gmail.com , phone no. 07759296503  
**Bacteriological Test Report (Drinking Water)**

Report no. DL/PHED/KRB. – 89	Discipline:- Chemical Testing	Group:- Drinking Water		
St. Thomas Public School Dipka Block - Katghora	Senders letter no./Date	STPS/DIPKA/19/23/92 5/26.06.2023	Sampled by	Staff S.T.P.S. Dipka
			Sample Collected at -	-4 °C/24 Hour Transported in Ice Box
	Sample collection date	03.07.2023	Sampling Plan & procedure	Sampling is not done by laboratory staff
	DL receipt no.	210	DL Receipt date	04.07.2023
	Date of analysis started	04.07.2023	Date of analysis completed	10.07.2023

**Sample Details**

S No.	Sample ID	District/Block	City/Village	Habitation	Location/Source ID/GPS Identification
1	DL- KRB-203-3090-072023	Korba/Katghora	Dipka	-	St. Thomas Public School Dipka, Block - Katghora

**Details of parameters their test method units and specification as per IS:3025/APHA**

S. No	Parameters	Test method IS:3025/APHA 23rd ed.		unit	As per IS-10500- 2012(Second Rev) for drinking water		Results				
		method	Part no.		Acceptab le Limit	Permissi ble Limit	1	2	3	4	5
1	2	3	4	5	6	7					
1	E.Coli	APHA / IS	Cfu/100 ml.	Nil	Nil		Nil				

1. The report should not be produced partly or full without approval signatory authority of legal purpose.  
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.

3. The results refer only to tested samples and parameters.

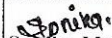
4. Samples will be stored for a period of 10 days from date of issue of report.

5. This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.

Remarks - 1. Results apply to the sample as received.

2. Sampling not done by Lab staff.

Reviewed By:

  
Sonika Maitry


Technical Head

D.W.T. Lab Korba(C.G.)

Issue no./date 89/10.07.2023

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End Of Report

  
Aparna Jha  
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