

कार्यालय सहायक अभियंता  
लोक स्वास्थ्य यांत्रिकी विभाग, उपखण्ड -- कोरबा (छ.ग.)

पत्र क्र० 83 / स.अ. / जि.ज.प.प्र. / लोक स्वा.यां. / उपखण्ड / कोरबा, दिनांक 19 / 07 / 2024

प्रति,

Principal  
Dhani Ram Memorial public school  
Barpali Korba (C.G.)

विषय :- जल परीक्षण रिपोर्ट भेजने बाबत।

संदर्भ :- आपका पत्र क्र० DMPS/04/2024, दिनांक 25.04.2024

—00—

विषयांतर्गत लेख है कि आपके द्वारा विकासखण्ड Kartala के संस्था/फर्म/ग्राम पंचायत D.M.Pub. School का 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:- dwtlabkbr@gmail.com , phone no. 07759296503

**Test Report (Drinking Water)**

Report no. DL/PHED/KRB. - 55	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. -:TC12616240000055F
Principal Dhaniram Memorial Public School Barpali, Korba (C.G.) Block - Kartala	Senders letter no./Date	Ref: DMPS/ 04/2024 Date : 25.04.2024	Sampled by Staff Dhaniram Memorial Public School Barpali
	Sample collection date	25.04.2024	Sample Collected at - -4°C/24 Hour Transported in Ice Box
	DL receipt no.	111	Sampling Plan & procedure Sampling is not done by laboratory staff
	Date of analysis started	26.04.2024	DL Receipt date 26.04.2024
			Date of analysis completed 30.04.2024

**Sample Details**

Mukh	Sample ID	District/Block	City/Village	Habitation	Location/Source ID/GPS Identification
1	DL-KRB-111-904-042024	Korba/Kartala	Barpali	-	Dhaniram Memorial Public School Barpali

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

S. No.	Parameters	Test method IS:3025/APHA 24 <sup>th</sup> ed.		unit	As per IS-10500-2012(Second Rev) for drinking water		Results				
		method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5
1	Colour	APHA24 <sup>th</sup> ed	2120-B	Hazen Unit	5	15	4				
2	Odour	IS:3025	Part 5	-	Agreeable	Agreeable	Agreeable				
3	Taste	IS:3025	Part 8	-	Agreeable	Agreeable	Agreeable				
4	TDS (Total Dissolved Solids)	APHA24 <sup>th</sup> ed	2540-C	mg/l.	500	2000	208				
5	Chloride as Cl-	IS:3025	Part-	mg/l.	250	1000	18.27				
6	Alkalinity as CaCO <sub>3</sub>	IS:3025	Part-23	mg/l.	200	600	46.37				
7	Total Hardness as CaCO <sub>3</sub>	IS:3025	Part-21	mg/l.	200	600	67.86				
8	Calcium as Ca <sup>2+</sup>	IS:3025	3500-Ca-B	mg/l.	75	200	15.99				
9	Magnesium as Mg <sup>2+</sup>	APHA24 <sup>th</sup> ed	3500 Mg-B	mg/l.	30	100	6.79				
10	pH	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxation	6.58				
11	Turbidity	IS:3025	Part-10	NTU	1	5	1.19				

- 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:

Smita Maitry

Technical Head

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

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**End Of Report**

Aparna Jha  
Chemist

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

**Chemist**  
**D.W.T. Lab**

**P.H.E.D. Korba (C.G.)**

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

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**Test Report (Drinking Water)**

Report no. DL/PHED/KRB. – 55	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. :-	
Principal Dhaniram Memorial Public School Barpali, Korba (C.G.) Block - Kartala	Senders letter no./Date	Ref: DMPS/ 04/2024 Date : 25.04.2024	Sampled by	Staff Dhaniram Memorial Public School Barpali
			Sample Collected at -	-4 <sup>o</sup> C/24 Hour Transported in Ice Box
	Sample collection date	25.04.2024	Sampling Plan & procedure	Sampling is not done by laboratory staff
	DL receipt no.	111	DL Receipt date	26.04.2024
	Date of analysis started	26.04.2024	Date of analysis completed	30.04.2024

**Sample Details**

Mukh	Sample ID	District/Block	City/Village	Habitation	Location/Source ID/GPS Identification
1	DL-KRB-111-904-042024	Korba/Kartala	Barpali	-	Dhaniram Memorial Public School Barpali

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

S. No.	Parameters	Test method IS:3025/APHA 24 <sup>th</sup> ed.		unit	As per IS-10500-2012(Second Rev) for drinking water		Results				
		method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5
1	2	3	4	5	6	7					
12	Sulphate as SO <sub>4</sub> --	IS:3025	Part-24	mg/L	200	400	5				
13	Nitrate as NO <sub>3</sub> -	APHA24 <sup>th</sup> ed	4500-NO <sub>3</sub> -B	mg/L	45	No Relaxation	-				
14	Iron as Fe <sup>2+</sup>	APHA24 <sup>th</sup> ed	3500-Fe-C	mg/L	01	No Relaxation	0.17				
15	Fluoride as F-	APHA24 <sup>th</sup> ed	4500-F-C	mg/L	01	1.5	0.03				
16	Residual Chlorine	-	-	mg/L	0.2	1	0				

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*

Sonika Maitry

Technical Head

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

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End Of Report

*Aparna Jha*  
Chemist

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

**Chemist**

**D.W.T. Lab**

**P.M.E.D. Korba (C.G.)**

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

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

**Bacteriological Test Report (Drinking Water)**

Report no. DL/PHED/KRB. - 55	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. -:	
Principal Dhaniram Memorial Public School Barpali, Korba (C.G.) Block - Kartala	Senders letter no./Date	Ref: DMPS/ 04/2024 Date : 25.04.2024	Sampled by	Staff Dhaniram Memorial Public School Barpali
			Sample Collected at -	-4 °C/24 Hour Transported in Ice Box
	Sample collection date	25.04.2024	Sampling Plan & procedure	Sampling is not done by laboratory staff
	DL receipt no.	111	DL Receipt date	26.04.2024
	Date of analysis started	26.04.2024	Date of analysis completed	30.04.2024

**Sample Details**

Mukh	Sample ID	District/Block	City/Village	Habitation	Location/Source ID/GPS Identification
1	DL-KRB-111-904-042024	Korba/Kartala	Barpali	-	Dhaniram Memorial Public School Barpali

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

S. No.	Parameters	Test method IS:3025/APHA 24 <sup>th</sup> ed.		unit	As per IS-10500-2012(Second Rev) for drinking water		Results				
		method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5
1	2	3	4	5	6	7					
1	E.Coli	APHA / IS	Cfu/100ml	Nil	Nil		Nil				

- 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:




Soukya Maitry

Technical Head

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

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End Of Report

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

**Chemist**  
**D.W.T. Lab**  
**P.H.E.D. Korba (C.G.)**