

DISTRICT WATER TESTING LABORATORY RWS&S DIVISION, KEONJHAR

At/p.o: Mandua, Dist: Keonjhar,

Odisha, Pin: 758014

Email: rwssdistlab.keonjhar@gmail.com

Letter No 24 / Dated 11/07/24

To

The Principal,
Eklavya Model Residential School,
Gidhibas, Keonjhar.

Sub:- Test report of water Sample.


Ref:- Your Letter No. 197 dated 01.07.2024.


Sir,

With reference to above, I am to forward herewith the test report of the water sample for Affiliation of Eklavya Model Residential School, Gidhibas, Keonjhar with CBSE.

Yours faithfully,

Encl:-As above


(CEO-cum- Executive Engineer)
District Water Testing Laboratory
RWS&S Division, Keonjhar.


11/7/24


Principal
EMRS, Gidhibas
Keonjhar

**DISTRICT WATER TESTING LABORATORY, R.W.S.&S., DIVISION,
KEONJHAR**

Phone – (06766) 255442 ; E-mail – rwssdistlab.keonjhar@gmail.com

WATER ANALYSIS REPORT

TEST REPORT NO. - DWTLK-TR-30/2024/ S-01 - 01
ULR - TC 897924000000030F
DATE OF ISSUE - 11.07.2024



Sample Particulars		Details of Sampling	
Name of the Customer :-	The Principal, Eklavya Model Residential School, Gidhibas, Keonjhar.	Type of Source:-	Ground Water
		Date of Sampling:-	Not Specified
Sample Package Condition:- Seal		Sample receive date:- Vide letter No.	05.07.2024 (12.40 PM) Vide letter No. 197 dated 01.07.2024
		Sample Registration Date:-	05.07.2024
		Sampling Protocol:-	Samples are not collected by this laboratory
		Sample Collected by:-	Customer
a) Quantity of Sample Received – 500ml		Sample Location:-	As per letter under reference (above)
b) Type of Container - pp			

TEST RESULT

Test started on-			05.07.2024	Test completed on-		11.07.2024
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	pH	pH Unit	1- 7.01	6.5 to 8.5	No relaxation	Electrometric Method (APHA 23 rd Ed 4500-H ⁺ B)
2	Elect Conductivity	µS/cm	1- 409.0	---	---	Instrumental Method (APHA 23 rd Ed 2510 B)
3	Chloride	mg/l	1- 34.00	250	1000	Argentometric Method (APHA 23 rd Ed 4500 - Cl ⁻ B)
4	Total Hardness (as CaCO ₃)	mg/l	1- 224.00	200	600	EDTA Titrimetric Method (APHA 23 rd Ed 2340 C)
5	Total Alkalinity (as CaCO ₃)	mg/l	1- 250.00	200	600	Titration Method (APHA 23 rd Ed 2320 B)
6	Iron	mg/l	1- 0.109	1.0	No relaxation	Phenanthroline Method (APHA 23 rd Ed 3500 -Fe B)
7	Turbidity	NTU	1- 0.30	1.0	5.0	Nephelometric Method (APHA 23 rd Ed 2130 B)

Information on Test Report :

Results relates only to samples received in the Laboratory.

The test report shall not be reproduced except in full without written approval of DWTL Keonjhar.

Disclaimer: The information of sample is provided by the customer & can affect the validity of result. The sample has been provided by the customer & the results apply to the sample as received. Sample will be disposed within 15 days of date of reporting.

#APHA – American Public Health Association

Checked & Reviewed by

Swati Mohapatra
11.07.24
Swati Mohapatra
Chemist & Technical Manager
District Water Testing Laboratory
RWS&S Division, Keonjhar

Principal
Principal
EMRS, Gidhibas
Keonjhar

Pranab Kishore Panda
11.7.24
Pranab Kishore Panda
Chemist & Quality Manager
Authorised Signatory
District Water Testing Laboratory
RWS&S Division, Keonjhar

**DISTRICT WATER TESTING LABORATORY, R.W.S.&S., DIVISION,
KEONJHAR**

Phone – (06766) 255442 ; E-mail – rwssdistlab.keonjhar@gmail.com



WATER ANALYSIS REPORT

TEST REPORT NO - DWTLK-TR-30/2024/ S-01 - 01
ULR -
DATE OF ISSUE – 11.07.2024

Details of Sampling

Sample Particulars		Details of Sampling	
Name of the Customer :- The Principal, Eklavya Model Residential School, Gidhibas, Keonjhar	Sample Package Condition:- Seal	Type of Source:-	Ground Water
		Date of Sampling:-	Not Specified
		Sample receive date:- Vide letter No	05.07.2024 (12.40 PM) Vide letter No. 197 dated. 01.07.2024
		Sample Registration Date:-	05.07.2024
a) Quantity of Sample Received – 500ml		Sampling Protocol:-	Samples are not collected by this laboratory
b) Type of Container - pp		Sample Collected by:-	Customer
		Sample Location:-	As per letter under reference(above)

TEST RESULT

Test started on-		05.07.2024		Test completed on-		11.07.2024
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	TDS*	mg/l	1- 266.0	500	2000	Calculation Method
2	Fluoride* (as F)	mg/l	1- 0.34	1.0	1.5	Spadns Method (APHA 23 rd Ed – 4500 F.D)

BACTERIOLOGICAL TEST

Test started on-		05.07.2024		Test completed on-		11.07.2024
3	Total Coliform Bacteria*	MPN/100ml	1- < 1(0.00)	Shall not be detectable in any 100 ml Samples		Colifert-18/IDEXX-Quantity Tray (Enzyme Substrate Test APHA 23 rd Ed 9223 Cl-B)
			1- < 1(0.00)			
4	E Coli*	MPN/100ml	1- < 1(0.00)			

Information on Test Report

Results relates only to samples received in the Laboratory.

The test report shall not be reproduced except in full without written approval of DWTL Keonjhar.

Disclaimer: The information of sample is provided by the customer & can affect the validity of result. The sample has been provided by the customer & the results apply to the sample as received. Sample will be disposed within 30 days of date of reporting.

#APHA – American Public Health Association

Checked & Reviewed by

Swati Mohapatra
11.07.24
Swati Mohapatra
Chemist & Technical Manager
District Water Testing Laboratory
RWS&S Division, Keonjhar

Principal
21/07/24
Principal
EMRS, Gidhibas,
Keonjhar

Pranab Kishore Nanda
11-7-24
Pranab Kishore Nanda
Chemist & Quality Manager
Authorised Signatory
District Water Testing Laboratory
RWS&S Division, Keonjhar

DISTRICT/DIVISION WATER TESTING LABORATORY
(NATIONAL DRINKING WATER MISSION/WATER SUPPLY AND SANITATION DIVISION)

ANALYSIS REPORT ON WATER SAMPLE
(District/State.....Kemihur.....)

Sr. No: 01

Date: 11/07/2024

PARTICULARS OF SAMPLE

1	Place/Name of Village	:	Gidhības
2	Block/District	:	Block - Jhampur, Dist - Keonjhar
3	Source	:	Bore-Well
4	Sealed/Unsealed	:	Sealed
5	Date and Time of Collection	:	05-07-2024, Time - 10 A.M
6	Dept	:	ST/SC Development Department
7	Spring Level	:	
8	Name and Designation of the Person collecting the samples	:	Bibhu Prasad Behera (JST Advisor)

TEST RESULTS

PHYSICAL AND CHEMICAL

		Test results	BIS Desirable limit	Permissible Limit in absence of Alternate source
1	Turbidity (JTU)	0.30	1 NTU	5 NTU
2	Colour (Unit o Pt-Co Scale)	-		
3	Taste and Odours (Qualitative)	-		
4	PH	7.01	6.5 to 8.5	No relaxation
5	Total Dissolved Solids (mg/l)	266.0	500	2000
6	Total Alkalinity (as CaCO ₃) mg/l	250.00	250	600
7	Total Hardness (as CaCO ₃) mg/l	224.00	200	600
8	Calcium	-		
9	Magnesium	-		
10	Carbonate	-		
11	Non-Carbonate	-		
12	Chlorides (as Cl) mg/l	34.00	250	1000
13	Sulphates (as SO ₄) mg/l	-		
14	Fluorides (as F) mg/l	0.34	1.0	1.5
15	Nitrate (as NO ₃) mg/l	-		
16	Iron (as Fe) mg/l	0.30	1.0	No relaxation
17	Residual Chlorine (as Cl) mg/l	-		
18	Conductivity micromhos/cm	409.0 μ S/cm		

BACTERIOLOGICAL

1. Plate Count (Colonies/ml) <1 (0.00)
2. Coliform Organism (MPN/100 ml) <1 (0.00)

REMARKS: (in view of the above analysis)

1. The water is potable/non potable as Tested Result.
2. The following parameters are more then acceptable but less than the cause for rejection limit.

(Sign & Stamp)

CHEMIST

Water Supply & Sanitation
Division/District level Water Testing

Principal
EMRS, Gidhības
Keonjhar

Annexure C

Appendix-XIII

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

Dated: 11.07.2020

No. 02

It is certified that an inspection team headed by Sri. Karan Soren
(Name of Officers with designation) from Assistant Engineer
(Name of Department/ Office) inspected the RWS & S Section, Jharkhand
(Name & Address of the school) on 10.07.20 (date of inspection), checked the water test report submitted by the school and found that the school has potable drinking water for students and staff of the institution and is having provision for running water in the toilets and maintaining hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.
The above is valid for a period of one year

Signature with Seal: [Signature]

Name

Executive Engineer
RWS & S Division, Keonjhar

Designation :

Assistant Engineer of
the Govt. Public Health Department (PHED)/
Authorised officer of the Local Body

Name & Address of the Office / Department :

To

The Principal
Ekakanya Mahavidyalaya Residential School, Gidhribas, Keonjhar
(Name & Address of the Institution)

* The filled up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.

[Signature]
Principal
EMRS, Gidhribas
Keonjhar