



वरिष्ठ भूवैज्ञानिक यांचे कार्यालय
भूजल सर्वेक्षण आणि विकास यंत्रणा
प्रशासकीय भवन, चंद्रपुर



ई-मेल-srgeochandrapur@gmail.com

दूरध्वनी . ०७१७२/२५०७१५

जा.क्र. वभूवै/भूसवियं/चंद्र/प्रयोगशा./१८६ /२०२४

दिनांक :- ०८ /०२ /२०२४

प्रति.

Principal,
Shri Sai Convent, Bhadrawati
C.B.S.E. Kunala
Ta. Bhadrawati Dist. Chandrapur.

विषय:- पिण्याच्या पाण्याच्या स्रोताचे (खाजगी पाणी नमुन्यांचे) रासायनिक व जैविक अहवालाबाबत.

संदर्भ:- आपले पत्र क्र. /२०२४ दिनांक ०७/०२/२०२४ व आपले मार्फत प्राप्त चलान क्र. ६९० दि. ०७/०२/२०२४

उपरोक्त संदर्भिय विषयान्वये आपले मार्फत मौजा कुनाळा तालुका भद्रावती येथील Shri Sai Convent Bhadrawati परीसरातील पिण्याच्या पाण्याच्या बोरवेलचा ०१ पाणी नमुना रासायनिक तपासणी करिता जिल्हा-प्रयोगशाळा चंद्रपुर येथे प्राप्त झाला व त्या पाणी नमुन्यांची रासायनिक गुणवत्ता तपासणी करून अहवाल या पत्रासोबत पाठविण्यात येत आहे.

सहपत्र- वरील प्रमाणे पाणी नमुन्यांचे तपासणी अहवाल

वरिष्ठ भूवैज्ञानिक,
भूजल सर्वेक्षण आणि विकास यंत्रणा,
चंद्रपुर

Principal
SHREE SAI CONVENT (CBSE)
Bhadrawati, Dist-Chandrapur

Secretary
Shree Sai Shikshan Prasarak Mandal
Bhadrawati Dist Chandrapur



**DISTRICT WATER QUALITY TESTING LABORATORY
GROUNDWATER SURVEYS & DEVELOPMENT AGENCY, CHANDRAPUR
DIST. CHANDRAPUR REGION NAGPUR**

DWTL/PRO/02 Sample Test Report

Issued To :	Principal, Shri Sai Convent, Bhadrawati C.B.S.E.-Kunala Bhadrawati Dist. Chandrapur					
01	Sample Inward No:	DWTL/GSDA/CHN/07/02/2024				
02	Inward Date :	07.02.2024				
03	Reference Letter No. :	/2024			Analysed For	
04	Reference Letter Date :	07.02.2024			Yes /No	
05	Sample :	Water			01 Calcium	Yes
06	Sample Category :	Water			02 Chloride	Yes
07	Quantity Received :	01 Litre			03 Colour	Yes
08	Sampling Date :	07.02.2024			04 Electrical Conductivity	Yes
09	Sampling Time :	--			05 Fluoride	Yes
10	Sample Source:	See Below			06 Magnesium	Yes
11	Sample Collected by :	Client			07 Nitrate	Yes
12	Sampling Location :	See Backside			08 Odour	Yes
13	Sample Details :	See backside			09 pH	Yes
14	Analysis Start Date:	07.02.2024			10 Taste	Yes
15	Environmental Condition				11 TDS	Yes
A	Temp. (°C) :	26°C			12 Total Alkalinity	Yes
B	Humidity (%) :	46%			13 Total Hardness	Yes
16	Analysis End Date :	08.02.2024			14 Turbidity	Yes
					15 Iron	Yes
					16 Sulphate	Yes

TEST RESULTS FOR PARAMETERS (UNDER SCOPE)

Sr. No.	Test Parameter	Measurement Unit	Requirement as per IS10500 : 2012 (Drinking Water Specifications)		Test Result
			Desirable Limit	Permissible Limit	
1	Calcium	mg/L	75	200	22.4
2	Chloride	mg/L	250	1000	34
3	Colour	Hazen Unit	-	-	Clear
4	Electrical Conductivity	uS/cm	-	-	462
5	Fluoride	mg/L	1	1.5	0.44
6	Magnesium	Mg/L	30	100	17.88
7	Nitrate	mg/L	45	-	2
8	Odour	-	-	-	Not Specific
9	pH	-	6.5 To 8.5	No Relaxation	8.2
10	Taste	-	-	-	Agreeable
11	TDS	mg/L	500	2000	275
12	Total Alkalinity	mg/L	200	600	68
13	Total Hardness	mg/L	200	600	96
14	Turbidity	NTU	1	5	0.11
15	Iron	mg/L	0.30	-	0.12
16	Sulphate	mg/L	200	400	8

Remarks :

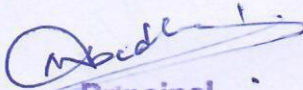
- The results relate only to the samples tested.
- The report shall not be reproduced except in full, without the written approval of the laboratory.
- The Sample is collected by the client himself. As such the laboratory has no involvement in sample collection.

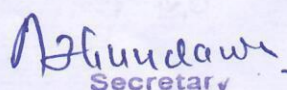
Sample Details

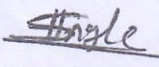
Sr. No.	SAMPLE CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT
1	S1	DWTL / GSDA / CHN / 07/02/ 2024	Kunala	Bhadrawati	Chandrapur

Reviewed By

Authorised By


Principal
SHREE SAI CONVENT (CBSE)
Bhadrawati, Dist-Chandrapur


Secretary
Shree Sai Shikshan Prasarak Mandal
Bhadrawati Dist Chandrapur


(QM/Chemist)



**DISTRICT WATER QUALITY TESTING LABORATORY
GROUNDWATER SURVEYS & DEVELOPMENT AGENCY, CHANDRAPUR
DIST. CHANDRAPUR REGION NAGPUR**

DWTL/PRO/02

Sample Test Report

TEST METHOD EMPLOYED

Sr. No.	Test Parameter	Test Method
01	Calcium	APHA 23RD EDN, METHOD 3500Ca-B
02	Chloride	APHA 23RD EDN, METHOD 4500Cl-B
03	Colour	APHA 23 rd EDN, METHOD 2120C
04	Electrical Conductivity	APHA 23 rd EDN, METHOD 2510B
05	Fluoride	APHA 23RD EDN, METHOD 4500F-B
06	Magnesium	APHA 23RD EDN, METHOD 4500
07	Nitrate	APHA 23RD EDN, METHOD 4500 No ₃ -B
08	Odour	IS 3025 (PART 5)
09	Ph	APHA 23 rd EDN, METHOD 4500
10	Taste	IS 3025 (PART 7)
11	TDS	APHA 23 rd EDN, METHOD 2540C
12	Turbidity	APHA 23RD EDN, METHOD 2130B
13	Total Hardness	APHA 23RD EDN, METHOD 2340C
14	Total Alkalinity	APHA 23RD EDN, METHOD 2320B
15	Iron	APHA 23RD EDN, METHOD 3500 Fe-B
16	Sulphate	APHA 23RD EDN, METHOD 4500 SO ₄ -B

*****End of Report*****



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DWTL/PRO/02 Sample Test Report

Issued To :	Principal, Shri Sai Convent, Bhadrawati C.B.S.E.-Kunala Bhadrawati Dist. Chandrapur		
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03	Reference Letter No. :	/2024	
04	Reference Letter Date :	07.02.2024	
05	Sample :	Water	
06	Sample Category :	Water	
07	Quantity Received :	01 Litre	
08	Sampling Date :	07.02.2024	
09	Sampling Time :	--	
10	Sample Source:	See Below	
11	Sample Collected by :	Client	
12	Sampling Location :	See Backside	
13	Sample Details :	See backside	
14	Analysis Start Date:	07.02.2024	
15	Environmental Condition		
A	Temp. (°C) :	26°C	
B	Humidity (%) :	46%	
16	Analysis End Date :	08.02.2024	

	Analysed For	Yes /No
01	Bicarbonate	No
02	Carbonate	No
03	Total Coliforms	No

Remarks :

- The results relate only to the samples tested.
- The report shall not be reproduced except in full, without the written approval of the laboratory.
- Parameters in this report are not covered in NABL scope.
- The Sample is collected by the client himself. As such the laboratory has no involvement in sample collection.

TEST RESULTS FOR PARAMETERS (Not Under Scope)

Sr. No.	Test Parameter	Measurement Unit	Requirement as per IS10500 : 2012 (Drinking Water Specifications)		Test Result
			Desirable Limit	Permissible Limit	
01	Bicarbonate	mg/L	-	-	-
02	Carbonate	mg/L	-	-	-
03	Total Coliforms	MPN	16	-	-

TEST METHOD EMPLOYED

01	Bicarbonate	APHA METHOD
02	Carbonate	APHA METHOD
03	Total Coliforms	Multiple Tube Dilution technique

Sample Details

Sr. No.	SAMPLE CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT	SOURCE	SOURCE LOCATION
1	S1	DWTL / GSDA / CHN /07/ 02/ 2024	Kunala	Bhadrawati	Chandrapur	Borewell	In premises of Shri Convent, C.B.S.E. Kunala

Reviewed By

(Signature)
(TM/Chemist)

Authorised By

(Signature)
(QM/ Chemist)

*****End of Report*****

(Signature)
Principal
SHREE SAI CONVENT (CBSE)
Bhadrawati, Dist-Chandrapur

(Signature)
Secretary
Shree Sai Shikshan Prasarak Mandali
Bhadrawati Dist Chandrapur