



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

ई-मेल-srgeochandrapur@gmail.com

दूरध्वनी : ०७१७२/२५०७१५

जा.क्र. वभूवै/भूसवियं/चंद्र/प्रयोगशा./६२०/२०२३

दिनांक : १०/०५/२०२३

प्रति,

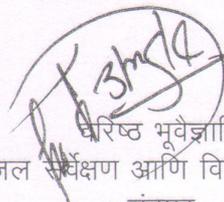
प्रिंसिपल,
सेंट मेरी हायस्कूल दुर्गापूर
जि. चंद्रपूर.

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

संदर्भ:- आपले पत्र क्र. / २०२३ दिनांक ३१/०३/२०२३ व आपले मार्फत प्राप्त चलान क्र. १ दि. ३१/०३/२०२३

उपरोक्त संदर्भिय विषयान्वये आपले मार्फत मौजा दुर्गापूर तालुका चंद्रपूर येथील सेंट मेरी हायस्कूल दुर्गापूर येथील ०५ पाणी नमुना जैविक तपासणी करिता जिल्हा प्रयोगशाळा चंद्रपूर येथे प्राप्त झाले व त्या पाणी नमुन्यांची जैविक गुणवत्ता तपासणी करून अहवाल या पत्रासोबत पाठविण्यात येत आहे .

सहपत्र- वरील प्रमाणे पाणी नमुन्यांचे तपासणी अहवाल


वरिष्ठ भूवैज्ञानिक,
भूजल सर्वेक्षण आणि विकास यंत्रणा,
चंद्रपूर



TC-9587



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

DWTL/PRO/02

Sample Test Report

Issued To :		Principal, St. Mary High School Durgapur, Dist Chandrapur.	
01	Sample Inward No:	DWTL/GSDA/CHN/189/03/2023	
02	Inward Date :	31.03.2023	
03	Reference Letter No. :	/2023	
04	Reference Letter Date :	31.03.2023	
05	Sample :	Water	
06	Sample Category :	Water	
07	Quantity Received :	01 Litre	
08	Sampling Date :	31.03.2023	
09	Sampling Time :	--	
10	Sample Source:	See Backside	
11	Sample Collected by :	Client	
12	Sampling Location :	See Backside	
13	Sample Details :	See backside	
14	Analysis Start Date:	31.03.2023	
15	Environmental Condition		
A	Temp. (°C) :	26°C	
B	Humidity (%) :	46%	
16	Analysis End Date :	03.04.2023	

	Analysed For	Yes /No
01	Calcium	No
02	Chloride	No
03	Colour	No
04	Electrical Conductivity	No
05	Fluoride	No
06	Magnesium	No
07	Nitrate	No
08	Odour	No
09	pH	No
10	Taste	No
11	TDS	No
12	Total Alkalinity	No
13	Total Hardness	No
14	Turbidity	No

TEST RESULTS FOR ACCREDITATED PARAMETERS

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	--
2	Chloride	mg/L	250	1000	--
3	Colour	Hazen Unit	-	-	--
4	Electrical Conductivity	uS/cm	-	-	--
5	Fluoride	mg/L	1	1.5	--
6	Magnesium	Mg/L	30	100	--
7	Nitrate	mg/L	45	-	--
8	Odour	-	-	-	--
9	pH	-	6.5 To 8.5	No	--
10	Taste	-	-	-	--
11	TDS	mg/L	500	2000	--
12	Total Alkalinity	mg/L	200	600	--
13	Total Hardness	mg/L	200	600	--
14	Turbidity	NTU	1	5	--

Remarks :

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- The Sample is collected by the client himself. As such the laboratory has no involvement in sample collection.

Reviewed By
M. W. D. K.
(TM/Chemist)

Authorised By
K. S. J.
(OM, Junior Geologist)



TC-9587



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

DWTL/PRO/02

Sample Test Report

Sample Details

Sr. No.	SAMPLE CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT	SOURCE	SOURCE LOCATION
1	S1	DWTL / GSDA / CHN /189/ 03/ 2023	Durgapur	Chandra pur	Chandrapur	Tap	Boys Drinking Water

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

Reviewed By

M. K. Wale
(TM/CHEMIST)

Authorised By

[Signature]
(QM/JUNIOR GEOLOGIST)



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

DWTL/PRO/02

Sample Test Report

Issued To :	Principal, St. Mary High School Durgapur, Dist Chandrapur.	
01	Sample Inward No:	DWTL/GSDA/CHN/189/03/2023
02	Inward Date :	31.03.2023
03	Reference Letter No. :	/2023
04	Reference Letter Date :	31.03.2023
05	Sample :	Water
06	Sample Category :	Water
07	Quantity Received :	01 Litre
08	Sampling Date :	31.03.2023
09	Sampling Time :	--
10	Sample Source:	See Backside
11	Sample Collected by :	Client
12	Sampling Location :	See Backside
13	Sample Details :	See backside
14	Analysis Start Date:	31.03.2023
15	Environmental Condition	
A	Temp. (°C) :	26°C
B	Humidity (%) :	46%
16	Analysis End Date :	03.04.2023

	Analysed For	Yes /No
01	Bicarbonate	No
02	Carbonate	No
03	Iron	No
04	Sulphate	No
05	Total Coliforms	Yes

TEST RESULTS FOR NON ACCREDITED PARAMETERS					
Sr. No.	Test Parameter	Measurement Unit	Requirement as per IS10500 : 2012 (Drinking Water Specifications)		Test Result
			Desirable Limit	Permissible Limit	S1
01	Bicarbonate	mg/L	-	-	--
02	Carbonate	mg/L	-	-	--
03	Iron	mg/L	0.3	-	--
04	Sulphate	mg/L	200	400	--
05	Total Coliforms	MPN	16	--	1.00

Remarks :

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Reviewed By

(TM/Chemist)

Authorised By

(QM/Junior Geologist)



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

DWTL/PRO/02

Sample Test Report

TEST METHOD EMPLOYED

01	Bicarbonate	APHA METHOD
02	Carbonate	APHA METHOD
03	Iron	APHA 23RD EDN, METHOD 3500 Fe-B
04	Sulphate	APHA 23RD EDN, METHOD 4500 SO ₄ -B
05	Total Coliforms	Multiple Tube Dilution technique

Sample Details

Sr. No.	SAMPL E CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT	SOURC E	SOURCE LOCATION
1	S1	DWTL / GSDA / CHN /189/ 03/ 2023	Durgapur	Chandrapu r	Chandrapur	Tap	Boys Drinking Water

Reviewed By

M. Wable
(TM/Chemist)

Authorised By

[Signature]
(QM/Junior Geologist)



TC-9587



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

DWTL/PRO/02 Sample Test Report

Issued To :		Principal, St. Mary High School Durgapur, Dist Chandrapur.			
01	Sample Inward No:	DWTL/GSDA/CHN/190/03/2023			
02	Inward Date :	31.03.2023	Analysed For		Yes / No
03	Reference Letter No. :	/2023	01	Calcium	No
04	Reference Letter Date :	31.03.2023	02	Chloride	No
05	Sample :	Water	03	Colour	No
06	Sample Category :	Water	04	Electrical Conductivity	No
07	Quantity Received :	01 Litre	05	Fluoride	No
08	Sampling Date :	31.03.2023	06	Magnesium	No
09	Sampling Time :	--	07	Nitrate	No
10	Sample Source:	See Backside	08	Odour	No
11	Sample Collected by :	Client	09	pH	No
12	Sampling Location :	See Backside	10	Taste	No
13	Sample Details :	See backside	11	TDS	No
14	Analysis Start Date:	31.03.2023	12	Total Alkalinity	No
15	Environmental Condition		13	Total Hardness	No
A	Temp. (°C) :	26°C	14	Turbidity	No
B	Humidity (%) :	46%			
16	Analysis End Date :	03.04.2023			

TEST RESULTS FOR ACCREDITATED PARAMETERS					
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	--
2	Chloride	mg/L	250	1000	--
3	Colour	Hazen Unit	-	-	--
4	Electrical Conductivity	uS/cm	-	-	--
5	Fluoride	mg/L	1	1.5	--
6	Magnesium	Mg/L	30	100	--
7	Nitrate	mg/L	45	-	--
8	Odour	-	-	-	--
9	pH	-	6.5 To 8.5	No	--
10	Taste	-	-	-	--
11	TDS	mg/L	500	2000	--
12	Total Alkalinity	mg/L	200	600	--
13	Total Hardness	mg/L	200	600	--
14	Turbidity	NTU	1	5	--

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Reviewed By
M. Walde
(TM/Chemist)

Authorised By
K. B. Patil
(QM/Junior Geologist)



TC-9587



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

DWTL/PRO/02

Sample Test Report

Sample Details

Sr. No.	SAMPLE CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT	SOURCE	SOURCE LOCATION
1	S1	DWTL / GSDA / CHN /190/ 03/ 2023	Durgapur	Chandra pur	Chandrapur	R.O.	R.O.Water

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

Reviewed By

M. Wable
(TM/Chemist)

Authorised By

[Signature]
(QM/ Junior Geologist)



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

DWTL/PRO/02

Sample Test Report

Issued To :	Principal, St. Mary High School Durgapur, Dist Chandrapur.	
01	Sample Inward No:	DWTL/GSDA/CHN/190/03/2023
02	Inward Date :	31.03.2023
03	Reference Letter No. :	/2023
04	Reference Letter Date :	31.03.2023
05	Sample :	Water
06	Sample Category :	Water
07	Quantity Received :	01 Litre
08	Sampling Date :	31.03.2023
09	Sampling Time :	--
10	Sample Source:	See Backside
11	Sample Collected by :	Client
12	Sampling Location :	See Backside
13	Sample Details :	See backside
14	Analysis Start Date:	31.03.2023
15	Environmental Condition	
A	Temp. (°C) :	26°C
B	Humidity (%) :	46%
16	Analysis End Date :	03.04.2023

	Analysed For	Yes / No
01	Bicarbonate	No
02	Carbonate	No
03	Iron	No
04	Sulphate	No
05	Total Coliforms	Yes

TEST RESULTS FOR NON ACCREDITATED PARAMETERS

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	Iron	mg/L	0.3	-	--
04	Sulphate	mg/L	200	400	--
05	Total Coliforms	MPN	16	--	1.00

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Reviewed By

M. Walde
(TM/Chemist)

Authorised By

[Signature]
(QM/Junior Geologist)



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

DWTL/PRO/02

Sample Test Report

TEST METHOD EMPLOYED

01	Bicarbonate	APHA METHOD
02	Carbonate	APHA METHOD
03	Iron	APHA 23RD EDN, METHOD 3500 Fe-B
04	Sulphate	APHA 23RD EDN, METHOD 4500 SO ₄ -B
05	Total Coliforms	Multiple Tube Dilution technique

Sample Details

Sr. No.	SAMPL E CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT	SOURC E	SOURCE LOCATION
1	S1	DWTL / GSDA / CHN /190/ 03/ 2023	Durgapur	Chandrapu r	Chandrapur	R.O.	R.O. Water

Reviewed By

M. S. Salde
(TM/Chemist)

Authorised By

[Signature]
(QM/Junior Geologist)



TC-9587



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

DWTL/PRO/02

Sample Test Report

Issued To :	Principal, St. Mary High School Durgapur, Dist Chandrapur.		
01	Sample Inward No:	DWTL/GSDA/CHN/191/03/2023	
02	Inward Date :	31.03.2023	
03	Reference Letter No. :	/2023	
04	Reference Letter Date :	31.03.2023	
05	Sample :	Water	
06	Sample Category :	Water	
07	Quantity Received :	01 Litre	
08	Sampling Date :	31.03.2023	
09	Sampling Time :	--	
10	Sample Source:	See Backside	
11	Sample Collected by :	Client	
12	Sampling Location :	See Backside	
13	Sample Details :	See backside	
14	Analysis Start Date:	31.03.2023	
15	Environmental Condition		
A	Temp. (°C) :	26°C	
B	Humidity (%) :	46%	
16	Analysis End Date :	03.04.2023	

Analysed For			Yes /No
01	Calcium		No
02	Chloride		No
03	Colour		No
04	Electrical Conductivity		No
05	Fluoride		No
06	Magnesium		No
07	Nitrate		No
08	Odour		No
09	pH		No
10	Taste		No
11	TDS		No
12	Total Alkalinity		No
13	Total Hardness		No
14	Turbidity		No

TEST RESULTS FOR ACCREDITATED PARAMETERS					
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	--
2	Chloride	mg/L	250	1000	--
3	Colour	Hazen Unit	-	-	--
4	Electrical Conductivity	uS/cm	-	-	--
5	Fluoride	mg/L	1	1.5	--
6	Magnesium	Mg/L	30	100	--
7	Nitrate	mg/L	45	-	--
8	Odour	-	-	-	--
9	pH	-	6.5 To 8.5	No	--
10	Taste	-	-	-	--
11	TDS	mg/L	500	2000	--
12	Total Alkalinity	mg/L	200	600	--
13	Total Hardness	mg/L	200	600	--
14	Turbidity	NTU	1	5	--

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Reviewed By

(TM/CHEMIST)

Authorised By

(QM/JUNIOR GEOLOGIST)



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

DWTL/PRO/02

Sample Test Report

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01	Sample Inward No:	DWTL/GSDA/CHN/191/03/2023
02	Inward Date :	31.03.2023
03	Reference Letter No. :	/2023
04	Reference Letter Date :	31.03.2023
05	Sample :	Water
06	Sample Category :	Water
07	Quantity Received :	01 Litre
08	Sampling Date :	31.03.2023
09	Sampling Time :	--
10	Sample Source:	See Backside
11	Sample Collected by :	Client
12	Sampling Location :	See Backside
13	Sample Details :	See backside
14	Analysis Start Date:	31.03.2023
15	Environmental Condition	
A	Temp. (°C) :	26°C
B	Humidity (%) :	46%
16	Analysis End Date :	03.04.2023

Analysed For			Yes /No
01	Bicarbonate		No
02	Carbonate		No
03	Iron		No
04	Sulphate		No
05	Total Coliforms		Yes

TEST RESULTS FOR NON ACCREDITED PARAMETERS

Sr. No.	Test Parameter	Measurement Unit	Requirement as per IS10500 : 2012 (Drinking Water Specifications)		Test Result S1
			Desirable Limit	Permissible Limit	
01	Bicarbonate	mg/L	-	-	--
02	Carbonate	mg/L	-	-	--
03	Iron	mg/L	0.3	-	--
04	Sulphate	mg/L	200	400	--
05	Total Coliforms	MPN	16	--	2.00

Remarks :

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Reviewed By

(TM/Chemist)

Authorised By

(QM/Junior Geologist)



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

DWTL/PRO/02

Sample Test Report

TEST METHOD EMPLOYED

01	Bicarbonate	APHA METHOD
02	Carbonate	APHA METHOD
03	Iron	APHA 23RD EDN, METHOD 3500 Fe-B
04	Sulphate	APHA 23RD EDN, METHOD 4500 SO ₄ -B
05	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 /191/ 03/ 2023	Durgapur	Chandrapur	Chandrapur	Tap	Girls Drinking Water

Reviewed By

M. S. Salde
(TM/Chemist)

Authorised By

[Signature]
(QM/Junior Geologist)



TC-9587



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

DWTL/PRO/02

Sample Test Report

Issued To :	Principal, St. Mary High School Durgapur, Dist Chandrapur.																																															
01	Sample Inward No:	DWTL/GSDA/CHN/192/03/2023																																														
02	Inward Date :	31.03.2023	<table border="1"><thead><tr><th></th><th>Analysed For</th><th>Yes /No</th></tr></thead><tbody><tr><td>01</td><td>Calcium</td><td>No</td></tr><tr><td>02</td><td>Chloride</td><td>No</td></tr><tr><td>03</td><td>Colour</td><td>No</td></tr><tr><td>04</td><td>Electrical Conductivity</td><td>No</td></tr><tr><td>05</td><td>Fluoride</td><td>No</td></tr><tr><td>06</td><td>Magnesium</td><td>No</td></tr><tr><td>07</td><td>Nitrate</td><td>No</td></tr><tr><td>08</td><td>Odour</td><td>No</td></tr><tr><td>09</td><td>pH</td><td>No</td></tr><tr><td>10</td><td>Taste</td><td>No</td></tr><tr><td>11</td><td>TDS</td><td>No</td></tr><tr><td>12</td><td>Total Alkalinity</td><td>No</td></tr><tr><td>13</td><td>Total Hardness</td><td>No</td></tr><tr><td>14</td><td>Turbidity</td><td>No</td></tr></tbody></table>		Analysed For	Yes /No	01	Calcium	No	02	Chloride	No	03	Colour	No	04	Electrical Conductivity	No	05	Fluoride	No	06	Magnesium	No	07	Nitrate	No	08	Odour	No	09	pH	No	10	Taste	No	11	TDS	No	12	Total Alkalinity	No	13	Total Hardness	No	14	Turbidity	No
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09	pH	No																																														
10	Taste	No																																														
11	TDS	No																																														
12	Total Alkalinity	No																																														
13	Total Hardness	No																																														
14	Turbidity	No																																														
03	Reference Letter No. :	/2023																																														
04	Reference Letter Date :	31.03.2023																																														
05	Sample :	Water																																														
06	Sample Category :	Water																																														
07	Quantity Received :	01 Litre																																														
08	Sampling Date :	31.03.2023																																														
09	Sampling Time :	--																																														
10	Sample Source:	See Backside																																														
11	Sample Collected by :	Client																																														
12	Sampling Location :	See Backside																																														
13	Sample Details :	See backside																																														
14	Analysis Start Date:	31.03.2023																																														
15	Environmental Condition																																															
A	Temp. (°C) :	26°C																																														
B	Humidity (%) :	46%																																														
16	Analysis End Date :	03.04.2023																																														

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	--
2	Chloride	mg/L	250	1000	--
3	Colour	Hazen Unit	-	-	--
4	Electrical Conductivity	uS/cm	-	-	--
5	Fluoride	mg/L	1	1.5	--
6	Magnesium	Mg/L	30	100	--
7	Nitrate	mg/L	45	-	--
8	Odour	-	-	-	--
9	pH	-	6.5 To 8.5	No	--
10	Taste	-	-	-	--
11	TDS	mg/L	500	2000	--
12	Total Alkalinity	mg/L	200	600	--
13	Total Hardness	mg/L	200	600	--
14	Turbidity	NTU	1	5	--

Remarks :

- The results relate only to the samples tested.
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- The Sample is collected by the client himself. As such the laboratory has no involvement in sample collection.

Reviewed By

(TM/Chemist)

Authorised By

(QM/Junior Geologist)



TC-9587



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

DWTL/PRO/02

Sample Test Report

Sample Details

Sr. No.	SAMPLE CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT	SOURCE	SOURCE LOCATION
1	S1	DWTL / GSDA / CHN /192/ 03/ 2023	Durgapur	Chandra pur	Chandrapur	Tap	G.P. Tap Water

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

Reviewed By

Mwable
(TM/Chemist)

Authorised By

[Signature]
(QM/Junior Geologist)



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

DWTL/PRO/02

Sample Test Report

Issued To : Principal, St. Mary High School Durgapur, Dist Chandrapur.		
01	Sample Inward No:	DWTL/GSDA/CHN/192/03/2023
02	Inward Date :	31.03.2023
03	Reference Letter No. :	/2023
04	Reference Letter Date :	31.03.2023
05	Sample :	Water
06	Sample Category :	Water
07	Quantity Received :	01 Litre
08	Sampling Date :	31.03.2023
09	Sampling Time :	--
10	Sample Source:	See Backside
11	Sample Collected by :	Client
12	Sampling Location :	See Backside
13	Sample Details :	See backside
14	Analysis Start Date:	31.03.2023
15	Environmental Condition	
A	Temp. (°C) :	26°C
B	Humidity (%) :	46%
16	Analysis End Date :	03.04.2023

	Analysed For	Yes /No
01	Bicarbonate	No
02	Carbonate	No
03	Iron	No
04	Sulphate	No
05	Total Coliforms	Yes

TEST RESULTS FOR NON ACCREDITATED PARAMETERS

Sr. No.	Test Parameter	Measurement Unit	Requirement as per IS10500 : 2012 (Drinking Water Specifications)		Test Result S1
			Desirable Limit	Permissible Limit	
01	Bicarbonate	mg/L	-	-	--
02	Carbonate	mg/L	-	-	--
03	Iron	mg/L	0.3	-	--
04	Sulphate	mg/L	200	400	--
05	Total Coliforms	MPN	16	--	1.00

Remarks :

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- 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.

Reviewed By

M. Walde
(TM/Chemist)

Authorised By

[Signature]
(QM/Junior Geologist)



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

DWTL/PRO/02

Sample Test Report

TEST METHOD EMPLOYED

01	Bicarbonate	APHA METHOD
02	Carbonate	APHA METHOD
03	Iron	APHA 23RD EDN, METHOD 3500 Fe-B
04	Sulphate	APHA 23RD EDN, METHOD 4500 SO ₄ -B
05	Total Coliforms	Multiple Tube Dilution technique

Sample Details

Sr. No.	SAMPL E CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT	SOURC E	SOURCE LOCATION
1	S1	DWTL / GSDA / CHN /192/ 03/ 2023	Durgapur	Chandrapu r	Chandrapur	Tap	G.P. Tap Water

Reviewed By

M. S. Salde
(TM/Chemist)

Authorised By

[Signature]
(QM/Junior Geologist)



TC-9587



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

DWTL/PRO/02

Sample Test Report

Issued To :		Principal, St. Mary High School Durgapur, Dist Chandrapur.			
01	Sample Inward No:	DWTL/GSDA/CHN/193/03/2023			
02	Inward Date :	31.03.2023	Analysed For		Yes /No
03	Reference Letter No. :	/2023			
04	Reference Letter Date :	31.03.2023	01	Calcium	No
05	Sample :	Water	02	Chloride	No
06	Sample Category :	Water	03	Colour	No
07	Quantity Received :	01 Litre	04	Electrical Conductivity	No
08	Sampling Date :	31.03.2023	05	Fluoride	No
09	Sampling Time :	--	06	Magnesium	No
10	Sample Source:	See Backside	07	Nitrate	No
11	Sample Collected by :	Client	08	Odour	No
12	Sampling Location :	See Backside	09	pH	No
13	Sample Details :	See backside	10	Taste	No
14	Analysis Start Date:	31.03.2023	11	TDS	No
15	Environmental Condition		12	Total Alkalinity	No
A	Temp. (°C) :	26°C	13	Total Hardness	No
B	Humidity (%) :	46%	14	Turbidity	No
16	Analysis End Date :	03.04.2023			

TEST RESULTS FOR ACCREDITED PARAMETERS

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	--
2	Chloride	mg/L	250	1000	--
3	Colour	Hazen Unit	-	-	--
4	Electrical Conductivity	uS/cm	-	-	--
5	Fluoride	mg/L	1	1.5	--
6	Magnesium	Mg/L	30	100	--
7	Nitrate	mg/L	45	-	--
8	Odour	-	-	-	--
9	pH	-	6.5 To 8.5	No	--
10	Taste	-	-	-	--
11	TDS	mg/L	500	2000	--
12	Total Alkalinity	mg/L	200	600	--
13	Total Hardness	mg/L	200	600	--
14	Turbidity	NTU	1	5	--

Remarks :

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Reviewed By

(TM / Chemist)

Authorised By

(QM / Junior Geologist)



TC-9587



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

DWTL/PRO/02

Sample Test Report

Sample Details

Sr. No.	SAMPLE CODE	LAB REF. NUMBER	VILLAGE	TALUKA	DISTRICT	SOURCE	SOURCE LOCATION
1	S1	DWTL / GSDA / CHN /193/ 03/ 2023	Durgapur	Chandra pur	Chandrapur	Borewell	Borewell water

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

Reviewed By

M. Sable
(TM/Chemist)

Authorised By

[Signature]
(QM/Junior Geologist)



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

DWTL/PRO/02

Sample Test Report

Issued To :	Principal, St. Mary High School Durgapur, Dist Chandrapur.		
01	Sample Inward No:	DWTL/GSDA/CHN/193/03/2023	
02	Inward Date :	31.03.2023	Analysed For
03	Reference Letter No. :	/2023	
04	Reference Letter Date :	31.03.2023	01 Bicarbonate No
05	Sample :	Water	02 Carbonate No
06	Sample Category :	Water	03 Iron No
07	Quantity Received :	01 Litre	04 Sulphate No
08	Sampling Date :	31.03.2023	05 Total Coliforms Yes
09	Sampling Time :	--	
10	Sample Source:	See Backside	
11	Sample Collected by :	Client	
12	Sampling Location :	See Backside	
13	Sample Details :	See backside	
14	Analysis Start Date:	31.03.2023	
15	Environmental Condition		
A	Temp. (°C) :	26°C	
B	Humidity (%) :	46%	
16	Analysis End Date :	03.04.2023	

TEST RESULTS FOR NON ACCREDITATED PARAMETERS

Sr. No.	Test Parameter	Measurement Unit	Requirement as per IS10500 : 2012 (Drinking Water Specifications)		Test Result S1
			Desirable Limit	Permissible Limit	
01	Bicarbonate	mg/L	-	-	--
02	Carbonate	mg/L	-	-	--
03	Iron	mg/L	0.3	-	--
04	Sulphate	mg/L	200	400	--
05	Total Coliforms	MPN	16	--	1.00

Remarks :

- The results relate only to the samples tested.
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- 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.

Reviewed By

(TM/Chemist)

Authorised By

(QM/Junior Geologist)

Office of the Senior Geologist
Ground Water Survey and Development System
Administrative Building, Chandrapur

E-mail-srgeochandrapur@gmail.com

Tel 07172/250715

Dispatch no.- 620/2023

Date : 10/04/2023

To,
Principal,
St Mary High School Durgapur
Dist. Chandrapur.

**Subject:- Regarding biological report of drinking water sources
(private water samples).**

Reference:- Your letter no. / 2023 dated 31/03/2023 and received through your
challan no. 1 dated 31/03/2023

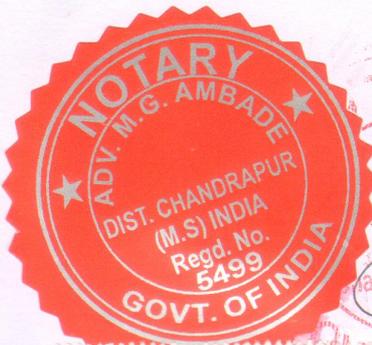
According to the above reference, 05 water samples from St Mary
High School, Durgapur, Ta- Chandrapur, have been received at District Laboratory
Chandrapur for biological testing and the report is being sent along with this letter
after testing the biological quality of those water samples.

Correspondence- Test report of water samples as above

SIGNED BEFORE ME

Mrs. M. G. Ambade, Advocate
NOTARY (Govt of India) Chandrapur

Sd/- [illegible]
Office of the Senior Geologist
Ground Water Survey and Development System
Administrative Building, Chandrapur



Notarial Rego

Entry No 4774

Date 12/06/2023

