

2029

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 728 OF 2023

IN THE MATTER OF: -

NEWS ITEM TITLED "ARSENIC FOUND IN GROUNDWATER
IN 25 STATES, FLUORIDE IN 27 STATES: GOV" APPEARING
IN HINDUSTAN DATED 30.11.2023

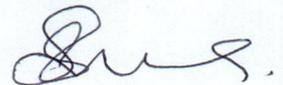
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FILED ON :06.02.2026

PLACE: NEW DELHI

FILED BY :



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BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 728 OF 2023

IN THE MATTER OF: -

NEWS ITEM TITLED "ARSENIC FOUND IN GROUNDWATER
IN 25 STATES, FLUORIDE IN 27 STATES: GOV" APPEARING
IN HINDUSTAN DATED 30.11.2023

AFFIDAVIT ON BEHALF OF THE U.T.
ADMINISTRATION OF DADRA & NAGAR HAVELI AND
DAMAN & DIU



I, Saurabh Mishra, Secretary (Environment, Forest & Wildlife)
U.T. Administration of Dadra & Nagar Haveli and Daman & Diu,
having my office at Vidyut Bhawan, Nani Daman, Daman -
396210, do hereby solemnly affirm and state as under:

1. That in my official capacity as stated above I am well
acquainted with the facts and circumstances of the present matter
and am competent and authorized to swear this affidavit on behalf
of the answering respondent i.e. U.T. Administration of Dadra &
Nagar Haveli and Daman & Diu.

2. That the present Original Application has been registered by
this Hon'ble Tribunal in exercise of its suo motu jurisdiction, based
on a newspaper report published in Business Standard under the

heading “Arsenic found in groundwater in 25 States, fluoride in 27 States: Govt.”

3. That as per the said newspaper report, a statement was made by the Hon’ble Union Minister of State for Jal Shakti in the Rajya Sabha to the effect that arsenic has been detected in groundwater in parts of 230 districts across 25 States and fluoride in 469 districts across 27 States, exceeding the permissible limits prescribed by the Bureau of Indian Standards (BIS) for drinking water.

4. That the article expressed concern regarding the presence of arsenic and fluoride in groundwater beyond permissible limits and the consequential risks to public health.

5. That as per as per the report dated, 18.12.2023 submitted by the Central Ground Water Authority in U.T. Administration of Dadra & Nagar Haveli and Daman & Diu, the presence of arsenic in Diu District and fluoride in Dadra & Nagar Haveli in groundwater was found beyond the permissible limits.

6. It is submitted that the point-wise Action Taken Report/Information for the U.T. Administration of Dadra & Nagar Haveli and Daman & Diu are as below:-



A. **Status of Drinking Water Sources in the U.T. of DNH and DD:**

a). It is submitted that groundwater is not utilized for drinking water supply purposes. Therefore the presence of higher concentrations of Fluoride and Arsenic in groundwater does not directly impact public health in these districts because the drinking water requirements of 100% of households are met through surface water sources.

b). It is further submitted that under the Jal Jeevan Mission, the Union Territory has achieved 100% Functional Household Tap Water Connections (FHTCs).

c). The district-wise status of drinking water is detailed herein below:

(i). Daman District: - In Daman District, drinking water is sourced from the Damanganga River and Kalai River through an integrated network of canals and pipelines. Raw water is supplied to four (04) Water Treatment Plants (WTPs) having a total



treatment capacity of 65.5 MLD, from where treated water is distributed for drinking purposes to households, commercial establishments, and industrial units through a structured distribution system. To ensure the supply of safe, clean, and potable drinking water, water samples are collected regularly and tested for various quality parameters. The concentrations of Arsenic and Fluoride are found to be within the permissible limits prescribed under applicable drinking water standards. The Latest Water Quality Test Reports dated 22.01.2026 are annexed herewith as ANNEXURE-R1.

(ii). Diu District: - In Diu District, drinking water supply is sourced as follows:

- 4.5 MLD of raw water is received from the State of Gujarat through a pipeline network from Raval Dam, supplied by the Gujarat Water Supply and Sewerage Board (GWSSB); and

- 4.5 MLD of raw water is received under the Narmada Water Scheme through Gujarat Water Infrastructure Limited (GWIL).

Thus, a total of 9 MLD of raw water is received and treated at two (02) Water Treatment Plants, having a combined treatment capacity of 12.50 MLD. The treated water is thereafter supplied to domestic, commercial, and industrial consumers through a network of Elevated Service Reservoirs (ESRs) and distribution pipelines.

The existing treatment capacity is sufficient to meet the total drinking water demand of Diu District, which is approximately 9 MLD. Regular water quality monitoring is undertaken, and the levels of Arsenic and Fluoride are within permissible and safe limits. The latest test reports dated



22.01.2026 are annexed herewith as

ANNEXURE-R 2.

(iii). Dadra & Nagar Haveli: - In Dadra & Nagar Haveli District, surface water is the primary source of drinking water, catering to approximately 70–80% of the total water demand across rural and urban areas. The remaining demand is met through bore wells, particularly in select locations.

(iv). In Urban Areas, the Damanganga River serves as the principal source of drinking water. Raw water is treated at Water Treatment Plants having a total capacity of 23 MLD, and the treated water is supplied through distribution networks to approximately 27,000 household connections. In addition, a limited number of bore wells are utilized to supply safe drinking water to around 1,100 households.

(v). In Rural Areas, surface water remains the predominant source of drinking water supply. Water is drawn primarily from the Damanganga River, treated at



Water Treatment Plants, and distributed through a network of Underground Sumps (UGSRs), Elevated Service Reservoirs (ESRs), and distribution pipelines.

There are eight (08) Water Treatment Plants in the rural areas with a total treatment capacity of 49.4 MLD, which is adequate to meet the drinking water requirements of the district. Approximately 52,826 rural households, along with Panchayat Ghars, Health Centres, Community Toilets, Government Offices, Schools, and Anganwadis, are connected to this treated water supply.

7. It is stated that Regular water quality testing is carried out to ensure the supply of safe and potable drinking water, and it is submitted that the concentrations of Arsenic and Fluoride are within the prescribed permissible limits. The latest water quality reports dated 22.01.2026 are annexed herewith as ANNEXURE-R3.

B. Monitoring and Testing of Water Quality: Water samples at all Water Treatment Plants (WTPs) are tested for essential parameters. Further, drinking water samples



from villages across all three districts are periodically tested through NABL-accredited laboratories, ensuring compliance with BIS drinking water standards. In addition to this, a latest sample was tested across all the three districts, and the sample is free from the presence of Arsenic and Fluoride. Copy of the reports dated 20.01.2026 and 22.01.2026 have been attached as Annexure **R1 to R3 as above.**

8. It is submitted that under the Jal Jeevan Mission / Har Ghar Jal, the U.T. Administration has achieved 100% household coverage, providing safe drinking water connections to all households across Daman, Diu, and Dadra & Nagar Haveli.

C. **Sealing of Contaminated Groundwater Sources:** The U.T. Administration has addressed the Central Ground Water Authority (CGWA) to furnish district-wise details and locations of groundwater sources where arsenic and fluoride concentrations exceed the prescribed permissible limits across the three districts. The CGWA has also been requested to specify the corrective, preventive and



protective measures required for mitigation of groundwater contamination, including sealing of affected borewells/wells. Further, the U.T. Administration, in coordination with the CGWA, shall ensure sealing of all contaminated borewells, open wells, and hand pumps wherever contamination is detected, so as to prevent their use for drinking and domestic purposes, in compliance with applicable environmental norms and directions of the Hon'ble NGT.

- 9
- D. **Alternative and Sustainable Water Management:** To ensure sufficient, sustainable and quality water availability for all the three district of the U.T. ; water supply agreements with Gujarat Water Infrastructure (GWIL) and Gujarat Water Supply and Sewerage Board (GWSSB) have been entered into to avail the sufficient demand of water supply across the three districts of the U.T.



Furthermore, as per the General Development Control Rules, 2023, installation of rainwater harvesting systems is mandatory for all public buildings, commercial

establishments, and industrial units having an area exceeding 100 square metres.

E. Stakeholder Collaboration and Preventive Measures:

The U.T. Administration recognises that addressing groundwater quality issues requires a multi-stakeholder approach, involving government agencies, academic institutions, and the private sector. Under the Corporate Social Responsibility (CSR) initiatives, industries such as Alkem Laboratories Pvt. Ltd. (Alkem Foundation) has undertaken water conservation, rainwater harvesting, water quality improvement, and community participation projects under the “Jal Sanchay Project” which aims for water neutrality, recharge of borewells, water conservation and harvesting, water quality improvement and community engagement through the implementing agency namely, BAIF Institute for Sustainable Livelihoods and Development, Gujarat.

9. It is submitted that the U.T. Administration continues to coordinate with the Central Ground Water Authority (CGWA) for



sustainable groundwater management, and due to such coordinated efforts, the U.T. has recently moved from the category of “over-exploited” to “safe” for groundwater abstraction.

F. Community Engagement and Awareness: The U.T. administration understands the importance of engaging with local communities to raise awareness about the risks associated with Arsenic and Fluoride contamination and to promote safe water practices. Through community outreach programmes, the U.T. Administration is aiming to educate the residents about the 3R principle – Reduce, Reuse and Recycle to minimize waste generation, maximize resource efficiency, reduce environmental impact and accessing alternative sources of safe drinking water.



10. The U.T. Administration of Dadra & Nagar Haveli and Daman & Diu is fully committed to safeguarding public health and the environment and is proactively adopting preventive, corrective, and sustainable measures to address concerns relating to arsenic and fluoride contamination. The Respondent

respectfully welcomes the guidance, directions, and support of this Hon'ble Tribunal and assures continued compliance with all statutory obligations and environmental safeguards.

On the facts and circumstances stated above it is therefore most respectfully prayed that deponent has highest regards for this Hon'ble Tribunal and undertakes to abide by directions of this Hon'ble Tribunal.



DEPONENT.

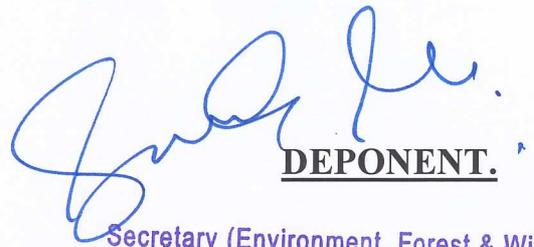
Secretary (Environment, Forest & Wildlife)
Dadra & Nagar Haveli and Daman & Diu



VERIFICATION: -

I, Saurabh Mishra, Secretary (Environment, Forest & Wildlife) Dadra & Nagar Haveli and Daman & Diu, having my office at Vidyut Bhawan, Nani Daman, Daman - 396210, stated that the contents of the above affidavit are true and correct, nothing stated therein is false and nothing material has been concealed therefrom.

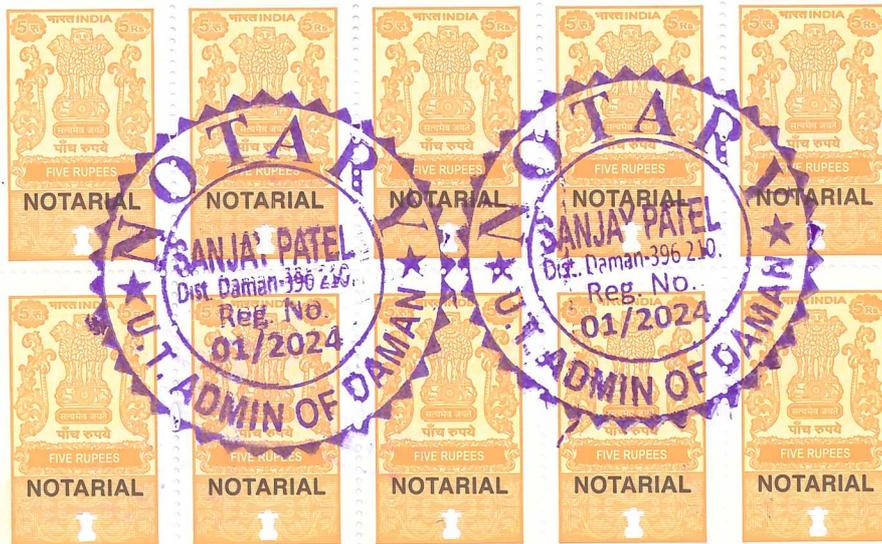
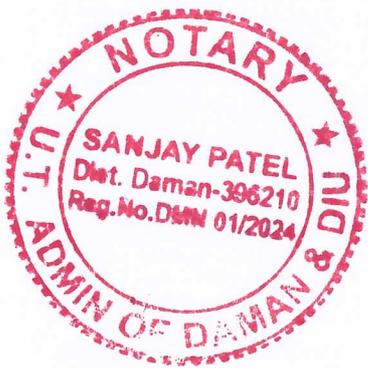
Verified at Daman - 396210, on 02 day of February, 2026.


DEPONENT.

Secretary (Environment, Forest & Wildlife)
Dadra & Nagar Haveli and Daman & Diu

Solemnly affirmed before me by
Shri. Saurabh Mishra
of Daman who is identified
by Shri. Sanjay Patel
whom I personally know.


SANJAY PATEL
Advocate & Notary
Reg No. DMN 01/2024
Shop No 4. Jay Apartment,
Opp. Suryavanshi Store,
Mashai Chowk, Nani Daman-396 210





Head Office & Lab

Dayal Estate, National Highway No.8, Opp APMC Market Gate-1, Jetalpur, District-Ahmedabad-382426
Gujarat. INDIA

Mobile No : +91-7069072001

Email Id : lab@gogreenmechanisms.com

CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/3072E/78/01

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/3072E/78/01	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Pariyari Panchayat	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	136.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	88.98	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	201.93	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.71	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	33.53	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	598.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	342.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.48	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	1.16	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

Reviewed & Authorized by
Tantan Kumar & Dr. Haragobinda Srichandan



P. B. Patil
Reviewed & Authorized by
Payal Patel

--- End of Report ---

Page No : 1/1

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CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/3072E/78/02

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

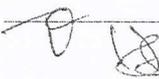
SAMPLE DETAILS

Lab ID:	Lab/PN/3072E/78/02	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Damannada Panchayat	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WJ/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	143.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	92.18	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	199.93	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.76	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	36.15	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	552.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	358.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.55	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	1.35	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit


 Reviewed & Authorized by
 Tantan kumar & Dr. Haragobinda Srichandan




 Reviewed & Authorized by
 Payal Patel

---End of Report ---

Page No : 1/1

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Head Office & Lab

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CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/3072E/78/03

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/3072E/78/03	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Magarwada Panchayat	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	165.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	89.78	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	190.94	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.72	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	32.11	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	557.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	340.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.43	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	1.76	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit


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Page No : 1/1

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Email Id : lab@gogreenmechanisms.com

CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/3072E/78/04

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.
Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220



TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/3072E/78/04	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Patlana Panchayat	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	144.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	94.59	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	195.93	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.67	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	38.38	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	556.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	348.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.55	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	1.24	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

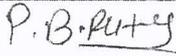
AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit


Reviewed & Authorized by
Tantan kumar & Dr. Haragobinda Srichandan



--- End of Report ---


Reviewed & Authorized by
Payal Patel

Page No : 1/1

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Email Id : lab@gogreenmechanisms.com

CERTIFICATE OF ANALYSIS

Report Number: GGMP/L/PN/3072E/78/05

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/3072E/78/05	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Ambawadi Panchayat	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	372.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	44.09	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	108.96	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.85	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	32.52	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	630.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	246.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.70	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	3.24	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit,QL= Quantification Limit


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CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/3072E/78/06

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/3072E/78/06	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Kachigam Panchayat	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	74.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	17.23	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	11.49	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.85	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	9.79	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	124.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	69.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.39	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	0.77	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

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Tantan kumar & Dr. Haragobinda Srichandan



P. B. Patil
Reviewed & Authorized by
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CERTIFICATE OF ANALYSIS

Report Number: GGMLP/PN/3072E/78/07

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/3072E/78/07	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Somnath Panchayat	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMLP/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	76.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	18.43	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	11.99	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.83	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	9.19	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	125.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	70.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMLP/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.45	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	0.62	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

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CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/3072E/78/08

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman -- 396220

TC-7073

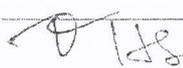
SAMPLE DETAILS

Lab ID:	Lab/PN/3072E/78/08	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Dabhel Panchayat Talav Faliya	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

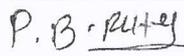
Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	75.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	17.64	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	11.99	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.77	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	7.97	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	117.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	70.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.73	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	0.66	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit


Reviewed & Authorized by
Tantan Kumar & Dr. Haragobinda Srichandan




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Page No : 1/1

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CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/3072E/78/09

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.
Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220



TC-7873

SAMPLE DETAILS

Lab ID:	Lab/PN/3072E/78/09	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Dabhel Panchayat Ghelvad Faliya	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	79.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	16.83	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	11.49	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.78	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	8.08	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	115.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	68.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.45	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	BQL (QL=0.5)	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

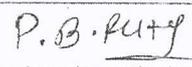
AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit,QL= Quantification Limit


Reviewed & Authorized by
Tantan kumar & Dr. Haragobinda Srichandan



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CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/3072E/78/10

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

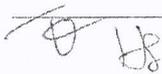
SAMPLE DETAILS

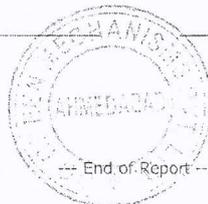
Lab ID:	Lab/PN/3072E/78/10	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Magarwada WTP Outlet (12 MLD)	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	145.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	88.98	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	205.93	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.43	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	39.39	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	554.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	336.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.78	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	1.35	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

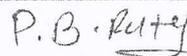
AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit,QL= Quantification Limit


Reviewed & Authorized by
Tantan kumar & Dr. Haragobinda Srichandan



--- End of Report ---


Reviewed & Authorized by
Payal Patel

Page No : 1/1

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Head Office & Lab

Dayal Estate, National Highway No.8, Opp APMC Market Gate-1, Jetalpur, District-Ahmedabad-382426
Gujarat, INDIA

Mobile No : +91-7069072001

Email Id : lab@gogreenmechanisms.com

CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/3072E/78/11

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

SAMPLE DETAILS

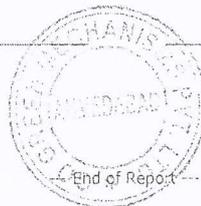
Lab ID:	Lab/PN/3072E/78/11	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Dabhel WTP Outlet (16 MLD)	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

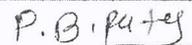
Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	74.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	18.04	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	13.49	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.57	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	7.47	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	116.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	80.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.67	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	0.95	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit


Reviewed & Authorized by
Tantan kumar & Dr. Haragobinda Srichandan




Reviewed & Authorized by
Payal Patel

Page No : 1/1

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Head Office & Lab

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Gujarat, INDIA

Mobile No. +91-7069072001

Email Id : lab@gogreenmechanisms.com

CERTIFICATE OF ANALYSIS

Report Number: GGMP/ PN/3072E/78/12

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.
Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220



TC-7073

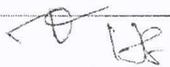
SAMPLE DETAILS

Lab ID:	Lab/PN/3072E/78/12	Sampling Date:	15/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	16/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	16/01/2026
Sample Description:	Dunetha WTP Outlet (17 MLD)	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMP/ WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	81.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	21.64	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	12.49	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.70	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	13.33	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	130.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	82.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMP/ SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.52	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	BQL (QL=0.5)	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit


Reviewed & Authorized by
Tantan kumar & Dr. Haragobinda Srachandan




Reviewed & Authorized by
Payal Patel

Page No : 1/1

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Annexure-R2



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Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

MoEF&CC Recog. Environmental
Laboratory under The EPA, 1986
(02.04.2025 to 29.03.2028)

NABL (ISO/IEC 17025:2017) Accredited
Testing Laboratory (TC-15345)
(22.01.2025 to 22.09.2026)

TC-15345
QCI-NABET Accredited EIA & GW
Consultant Organization

GPCB Recognized
Environmental Auditor (Sch-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018 Certified
OHS Management System

TEST REPORT

ULR No.	TC15345260000661F	Report No.	URC/26/01/0343
Name & Address of Customer	M/s. Public Work Department. Sub-Division-1 Diu.	Date Of Report	20/01/2026
Sample Details	Water Sample	Customer's Ref.	--
Sample Qty.	3 Lit.	Location	Pump House Bucharwada
Sampling Date	16/01/2026	Appearance	Colorless
Test Started Date	17/01/2026	Sample Received Date	17/01/2026
Sampled By	UERL-Lab	Test Completion Date	19/01/2026
UERL Lab ID. No.	26/01/0343	Sampling Method	UERL/CHM/SOP/116

TEST RESULTS:

DISCIPLINE: Chemical Testing			NAME OF GROUP: Water	
Sr. No.	Parameters	Test Method	Unit of Measurement	Results
PHYSIO-CHEMICAL PARAMETERS:				
1.	pH @ 25 ° C	IS 3025(Part 11):2022	--	8.36
2.	Colour	IS 3025(Part 4):2021	Pt. Co. Scale	BDL(MDL:5.0)
3.	Odour	IS 3025(Part 5):2018	--	Agreeable
4.	Taste	IS 3025(Part 8):2023	--	Agreeable
5.	Turbidity	IS 3025(Part 10):2023	NTU	0.1
6.	Total Dissolved Solids	IS 3025(Part 16):2023	mg/L	332
GENERAL CHEMICAL PARAMETERS:				
7.	Total Hardness (as CaCO ₃)	IS 3025(Part 21): 2009	mg/L	195.8
8.	Total Alkalinity	IS 3025(Part 23):2023	mg/L	208.1
9.	Chloride (as Cl ⁻)	IS 3025(Part 32):1988	mg/L	28.3
10.	Sulphate (as SO ₄ ⁻²)	IS 3025(Part 24):2022	mg/L	14.9
11.	Calcium (as Ca)	APHA 24th Ed.,2023,3500 Ca. B	mg/L	40.8
12.	Magnesium (as Mg)	APHA 24th Ed.,2023,3500 Mg. B	mg/L	22.8
13.	Fluoride (as F)	IS 3025(Part 60):2023	mg/L	0.46
DISCIPLINE: Chemical Testing			NAME OF GROUP: Residues and Contaminants in Water	
TRACE METAL ELEMENTS:				
14.	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)
Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit, Turbidity = 0.1 = 1.75 NTU.				
Remarks: --				
Opinion & Interpretation (If required): --				

Checked By:

Nilesh C. Patel
(Sr. Chemist)

Authorized By:

Nitin B. Tandel
(Tech Mgr./Sr. Chemist)

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

2056



TEST REPORT

ULR No.	TC15345260000662F	Report No.	URC/26/01/0344
Name & Address of Customer	M/s. Public Work Department. Sub-Division-1 Diu.	Date Of Report	20/01/2026
Sample Details	Water Sample	Customer's Ref.	--
Sample Qty.	3 Lit.	Location	Pump House Saudwadi
Sampling Date	16/01/2026	Appearance	Colorless
Test Started Date	17/01/2026	Sample Received Date	17/01/2026
Sampled By	UERL-Lab	Test Completion Date	19/01/2026
UERL Lab ID. No.	26/01/0344	Sampling Method	UERL/CHM/SOP/116

TEST RESULTS:

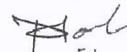
DISCIPLINE: Chemical Testing			NAME OF GROUP: Water	
Sr. No.	Parameters	Test Method	Unit of Measurement	Results
PHYSIO-CHEMICAL PARAMETERS:				
1.	pH @ 25 ° C	IS 3025(Part 11):2022	--	8.33
2.	Colour	IS 3025(Part 4):2021	Pt. Co. Scale	BDL(MDL:5.0)
3.	Odour	IS 3025(Part 5):2018	--	Agreeable
4.	Taste	IS 3025(Part 8):2023	--	Agreeable
5.	Turbidity	IS 3025(Part 10):2023	NTU	0.1
6.	Total Dissolved Solids	IS 3025(Part 16):2023	mg/L	336
GENERAL CHEMICAL PARAMETERS:				
7.	Total Hardness (as CaCO ₃)	IS 3025(Part 21): 2009	mg/L	195.0
8.	Total Alkalinity	IS 3025(Part 23):2023	mg/L	203.0
9.	Chloride (as Cl ⁻)	IS 3025(Part 32):1988	mg/L	27.8
10.	Sulphate (as SO ₄ ⁻²)	IS 3025(Part 24):2022	mg/L	17.3
11.	Calcium (as Ca)	APHA 24th Ed.,2023,3500 Ca. B	mg/L	40.8
12.	Magnesium (as Mg)	APHA 24th Ed.,2023,3500 Mg. B	mg/L	22.8
13.	Fluoride (as F)	IS 3025(Part 60):2023	mg/L	0.42
DISCIPLINE: Chemical Testing			NAME OF GROUP: Residues and Contaminants in Water	
TRACE METAL ELEMENTS:				
14.	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)
Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit, Turbidity = 0.1 = 1.45 NTU.				
Remarks: --				
Opinion & Interpretation (If required): --				

Checked By:



Nilesh C. Patel
(Sr. Chemist)

Authorized By:



Nitin B. Tandel
(Tech Mgr./Sr. Chemist)

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

2057



TEST REPORT

ULR No.	TC15345260000663F	Report No.	URC/26/01/0345
Name & Address of Customer	M/s. Public Work Department. Sub-Division-1 Diu.	Date Of Report	20/01/2026
Sample Details	Water Sample	Customer's Ref.	--
Sample Qty.	3 Lit.	Location	Nagao
Sampling Date	16/01/2026	Appearance	Colorless
Test Started Date	17/01/2026	Sample Received Date	17/01/2026
Sampled By	UERL-Lab	Test Completion Date	19/01/2026
UERL Lab ID. No.	26/01/0345	Sampling Method	UERL/CHM/SOP/116

TEST RESULTS:

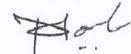
DISCIPLINE: Chemical Testing			NAME OF GROUP: Water	
Sr. No.	Parameters	Test Method	Unit of Measurement	Results
PHYSIO-CHEMICAL PARAMETERS:				
1.	pH @ 25 ° C	IS 3025(Part 11):2022	--	8.41
2.	Colour	IS 3025(Part 4):2021	Pt. Co. Scale	BDL(MDL:5.0)
3.	Odour	IS 3025(Part 5):2018	--	Agreeable
4.	Taste	IS 3025(Part 8):2023	--	Agreeable
5.	Turbidity	IS 3025(Part 10):2023	NTU	0.1
6.	Total Dissolved Solids	IS 3025(Part 16):2023	mg/L	330
GENERAL CHEMICAL PARAMETERS:				
7.	Total Hardness (as CaCO ₃)	IS 3025(Part 21): 2009	mg/L	195.8
8.	Total Alkalinity	IS 3025(Part 23):2023	mg/L	203.0
9.	Chloride (as Cl ⁻)	IS 3025(Part 32):1988	mg/L	28.3
10.	Sulphate (as SO ₄ ⁻²)	IS 3025(Part 24):2022	mg/L	14.6
11.	Calcium (as Ca)	APHA 24th Ed.,2023,3500 Ca. B	mg/L	41.6
12.	Magnesium (as Mg)	APHA 24th Ed.,2023,3500 Mg. B	mg/L	22.4
13.	Fluoride (as F)	IS 3025(Part 60):2023	mg/L	0.42
DISCIPLINE: Chemical Testing			NAME OF GROUP: Residues and Contaminants in Water	
TRACE METAL ELEMENTS:				
14.	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)
Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit, Turbidity = 0.1 = 1.25 NTU.				
Remarks: --				
Opinion & Interpretation (If required): --				

Checked By:



Nilesh C. Patel
(Sr. Chemist)

Authorized By:



Nitin B. Tandel
(Tech Mgr./Sr. Chemist)

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

2058



TEST REPORT

ULR No.	TC15345260000664F	Report No.	URC/26/01/0346
Name & Address of Customer	M/s. Public Work Department. Sub-Division-1 Diu.	Date Of Report	20/01/2026
Sample Details	Water Sample	Customer's Ref.	--
Sample Qty.	3 Lit.	Location	WTP Kewdi
Sampling Date	16/01/2026	Appearance	Colorless
Test Started Date	17/01/2026	Sample Received Date	17/01/2026
Sampled By	UERL-Lab	Test Completion Date	19/01/2026
UERL Lab ID. No.	26/01/0346	Sampling Method	UERL/CHM/SOP/116

TEST RESULTS:

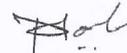
DISCIPLINE: Chemical Testing			NAME OF GROUP: Water	
Sr. No.	Parameters	Test Method	Unit of Measurement	Results
PHYSIO-CHEMICAL PARAMETERS:				
1.	pH @ 25 ° C	IS 3025(Part 11):2022	--	8.36
2.	Colour	IS 3025(Part 4):2021	Pt. Co. Scale	BDL(MDL:5.0)
3.	Odour	IS 3025(Part 5):2018	--	Agreeable
4.	Taste	IS 3025(Part 8):2023	--	Agreeable
5.	Turbidity	IS 3025(Part 10):2023	NTU	0.1
6.	Total Dissolved Solids	IS 3025(Part 16):2023	mg/L	320
GENERAL CHEMICAL PARAMETERS:				
7.	Total Hardness (as CaCO ₃)	IS 3025(Part 21): 2009	mg/L	192.0
8.	Total Alkalinity	IS 3025(Part 23):2023	mg/L	203.0
9.	Chloride (as Cl ⁻)	IS 3025(Part 32):1988	mg/L	27.3
10.	Sulphate (as SO ₄ ⁻²)	IS 3025(Part 24):2022	mg/L	14.1
11.	Calcium (as Ca)	APHA 24th Ed.,2023,3500 Ca. B	mg/L	42.3
12.	Magnesium (as Mg)	APHA 24th Ed.,2023,3500 Mg. B	mg/L	21.0
13.	Fluoride (as F)	IS 3025(Part 60):2023	mg/L	0.38
DISCIPLINE: Chemical Testing			NAME OF GROUP: Residues and Contaminants in Water	
TRACE METAL ELEMENTS:				
14.	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)
Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit, Turbidity = 0.1 = 1.08 NTU.				
Remarks: --				
Opinion & Interpretation (If required): --				

Checked By:



Nilesh C. Patel
(Sr. Chemist)

Authorized By:



Nitin B. Tandel
(Tech Mgr./Sr. Chemist)

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

2059



TEST REPORT

ULR No.	TC15345260000665F	Report No.	URC/26/01/0347
Name & Address of Customer	M/s. Public Work Department. Sub-Division-1 Diu.	Date Of Report	20/01/2026
Sample Details	Water Sample	Customer's Ref.	--
Sample Qty.	3 Lit.	Location	Saragar Ghoghla
Sampling Date	16/01/2026	Appearance	Colorless
Test Started Date	17/01/2026	Sample Received Date	17/01/2026
Sampled By	UERL-Lab	Test Completion Date	19/01/2026
UERL Lab ID. No.	26/01/0347	Sampling Method	UERL/CHM/SOP/116

TEST RESULTS:

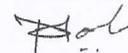
DISCIPLINE: Chemical Testing			NAME OF GROUP: Water	
Sr. No.	Parameters	Test Method	Unit of Measurement	Results
PHYSIO-CHEMICAL PARAMETERS:				
1.	pH @ 25 °C	IS 3025(Part 11):2022	--	8.50
2.	Colour	IS 3025(Part 4):2021	Pt. Co. Scale	BDL(MDL:5.0)
3.	Odour	IS 3025(Part 5):2018	--	Agreeable
4.	Taste	IS 3025(Part 8):2023	--	Agreeable
5.	Turbidity	IS 3025(Part 10):2023	NTU	0.1
6.	Total Dissolved Solids	IS 3025(Part 16):2023	mg/L	340
GENERAL CHEMICAL PARAMETERS:				
7.	Total Hardness (as CaCO ₃)	IS 3025(Part 21): 2009	mg/L	192.0
8.	Total Alkalinity	IS 3025(Part 23):2023	mg/L	218.2
9.	Chloride (as Cl ⁻)	IS 3025(Part 32):1988	mg/L	22.3
10.	Sulphate (as SO ₄ ⁻²)	IS 3025(Part 24):2022	mg/L	13.5
11.	Calcium (as Ca)	APHA 24th Ed.,2023,3500 Ca. B	mg/L	40.0
12.	Magnesium (as Mg)	APHA 24th Ed.,2023,3500 Mg. B	mg/L	22.4
13.	Fluoride (as F)	IS 3025(Part 60):2023	mg/L	0.35
DISCIPLINE: Chemical Testing			NAME OF GROUP: Residues and Contaminants in Water	
TRACE METAL ELEMENTS:				
14.	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)
Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit, Turbidity = 0.1 = 4.83 NTU.				
Remarks: --				
Opinion & Interpretation (If required): --				

Checked By:



Nilesh C. Patel
(Sr. Chemist)

Authorized By:



Nitin B. Tandel
(Tech Mgr./Sr. Chemist)

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

2060



TEST REPORT

ULR No.	TC15345260000666F	Report No.	URC/26/01/0348
Name & Address of Customer	M/s. Public Work Department. Sub-Division-1 Diu.	Date Of Report	20/01/2026
Sample Details	Water Sample	Customer's Ref.	--
Sample Qty.	3 Lit.	Location	Water Treatment Plant Ghoghla
Sampling Date	16/01/2026	Appearance	Colorless
Test Started Date	17/01/2026	Sample Received Date	17/01/2026
Sampled By	UERL-Lab	Test Completion Date	19/01/2026
UERL Lab ID. No.	26/01/0348	Sampling Method	UERL/CHM/SOP/116

TEST RESULTS:

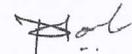
DISCIPLINE: Chemical Testing			NAME OF GROUP: Water	
Sr. No.	Parameters	Test Method	Unit of Measurement	Results
PHYSIO-CHEMICAL PARAMETERS:				
1.	pH @ 25 ° C	IS 3025(Part 11):2022	--	8.50
2.	Colour	IS 3025(Part 4):2021	Pt. Co. Scale	BDL(MDL:5.0)
3.	Odour	IS 3025(Part 5):2018	--	Agreeable
4.	Taste	IS 3025(Part 8):2023	--	Agreeable
5.	Turbidity	IS 3025(Part 10):2023	NTU	0.1
6.	Total Dissolved Solids	IS 3025(Part 16):2023	mg/L	336
GENERAL CHEMICAL PARAMETERS:				
7.	Total Hardness (as CaCO ₃)	IS 3025(Part 21): 2009	mg/L	195.8
8.	Total Alkalinity	IS 3025(Part 23):2023	mg/L	213.2
9.	Chloride (as Cl ⁻)	IS 3025(Part 32):1988	mg/L	22.3
10.	Sulphate (as SO ₄ ⁻²)	IS 3025(Part 24):2022	mg/L	13.6
11.	Calcium (as Ca)	APHA 24th Ed.,2023,3500 Ca. B	mg/L	39.2
12.	Magnesium (as Mg)	APHA 24th Ed.,2023,3500 Mg. B	mg/L	23.8
13.	Fluoride (as F)	IS 3025(Part 60):2023	mg/L	0.50
DISCIPLINE: Chemical Testing			NAME OF GROUP: Residues and Contaminants in Water	
TRACE METAL ELEMENTS:				
14.	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)
Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit, Turbidity = 0.1 = 5.53 NTU.				
Remarks: --				
Opinion & Interpretation (If required): --				

Checked By:



Nilesh C. Patel
(Sr. Chemist)

Authorized By:



Nitin B. Tandel
(Tech Mgr./Sr. Chemist)

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

2061



TEST REPORT

ULR No.	TC15345260000667F	Report No.	URC/26/01/0349
Name & Address of Customer	M/s. Public Work Department. Sub-Division-1 Diu.	Date Of Report	20/01/2026
Sample Details	Water Sample	Customer's Ref.	--
Sample Qty.	3 Lit.	Location	Malala Village
Sampling Date	16/01/2026	Appearance	Colorless
Test Started Date	17/01/2026	Sample Received Date	17/01/2026
Sampled By	UERL-Lab	Test Completion Date	19/01/2026
UERL Lab ID. No.	26/01/0349	Sampling Method	UERL/CHM/SOP/116

TEST RESULTS:

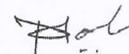
DISCIPLINE: Chemical Testing			NAME OF GROUP: Water	
Sr. No.	Parameters	Test Method	Unit of Measurement	Results
PHYSIO-CHEMICAL PARAMETERS:				
1.	pH @ 25 ° C	IS 3025(Part 11):2022	--	8.55
2.	Colour	IS 3025(Part 4):2021	Pt. Co. Scale	BDL(MDL:5.0)
3.	Odour	IS 3025(Part 5):2018	--	Agreeable
4.	Taste	IS 3025(Part 8):2023	--	Agreeable
5.	Turbidity	IS 3025(Part 10):2023	NTU	0.1
6.	Total Dissolved Solids	IS 3025(Part 16):2023	mg/L	298
GENERAL CHEMICAL PARAMETERS:				
7.	Total Hardness (as CaCO ₃)	IS 3025(Part 21): 2009	mg/L	193.9
8.	Total Alkalinity	IS 3025(Part 23):2023	mg/L	177.6
9.	Chloride (as Cl ⁻)	IS 3025(Part 32):1988	mg/L	22.8
10.	Sulphate (as SO ₄ ⁻²)	IS 3025(Part 24):2022	mg/L	14.9
11.	Calcium (as Ca)	APHA 24th Ed.,2023,3500 Ca. B	mg/L	40.8
12.	Magnesium (as Mg)	APHA 24th Ed.,2023,3500 Mg. B	mg/L	22.4
13.	Fluoride (as F)	IS 3025(Part 60):2023	mg/L	0.53
DISCIPLINE: Chemical Testing			NAME OF GROUP: Residues and Contaminants in Water	
TRACE METAL ELEMENTS:				
14.	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)
Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit, Turbidity = 0.1 = 2.91 NTU.				
Remarks: --				
Opinion & Interpretation (If required): --				

Checked By:



Nilesh C. Patel
(Sr. Chemist)

Authorized By:



Nitin B. Tandel
(Tech Mgr./Sr. Chemist)

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

2062



TEST REPORT

ULR No.	TC15345260000658F	Report No.	URC/26/01/0340
Name & Address of Customer	M/s. Public Work Department. Sub-Division-1 Diu.	Date Of Report	20/01/2026
Sample Details	Water Sample	Customer's Ref.	--
Sample Qty.	3 Lit.	Location	Pump House Gandhipara Diu.
Sampling Date	16/01/2026	Appearance	Colorless
Test Started Date	17/01/2026	Sample Received Date	17/01/2026
Sampled By	UERL-Lab	Test Completion Date	19/01/2026
UERL Lab ID. No.	26/01/0340	Sampling Method	UERL/CHM/SOP/116

TEST RESULTS:

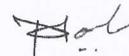
DISCIPLINE: Chemical Testing			NAME OF GROUP: Water	
Sr. No.	Parameters	Test Method	Unit of Measurement	Results
PHYSIO-CHEMICAL PARAMETERS:				
1.	pH @ 25 ° C	IS 3025(Part 11):2022	--	8.43
2.	Colour	IS 3025(Part 4):2021	Pt. Co. Scale	BDL(MDL:5.0)
3.	Odour	IS 3025(Part 5):2018	--	Agreeable
4.	Taste	IS 3025(Part 8):2023	--	Agreeable
5.	Turbidity	IS 3025(Part 10):2023	NTU	0.1
6.	Total Dissolved Solids	IS 3025(Part 16):2023	mg/L	338
GENERAL CHEMICAL PARAMETERS:				
7.	Total Hardness (as CaCO ₃)	IS 3025(Part 21):2009	mg/L	188.2
8.	Total Alkalinity	IS 3025(Part 23):2023	mg/L	218.2
9.	Chloride (as Cl ⁻)	IS 3025(Part 32):1988	mg/L	22.3
10.	Sulphate (as SO ₄ ⁻²)	IS 3025(Part 24):2022	mg/L	17.5
11.	Calcium (as Ca)	APHA 24th Ed.,2023,3500 Ca. B	mg/L	40.8
12.	Magnesium (as Mg)	APHA 24th Ed.,2023,3500 Mg. B	mg/L	21.0
13.	Fluoride (as F)	IS 3025(Part 60):2023	mg/L	0.43
DISCIPLINE: Chemical Testing		NAME OF GROUP: Residues and Contaminants in Water		
TRACE METAL ELEMENTS:				
14.	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)
Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit, Turbidity = 0.1 = 4.16 NTU.				
Remarks: --				
Opinion & Interpretation (If required): --				

Checked By:



Nilesh C. Patel
(Sr. Chemist)

Authorized By:



Nitin B. Tandel
(Tech Mgr./Sr. Chemist)

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

2063



TEST REPORT

ULR No.	TC15345260000659F	Report No.	URC/26/01/0341
Name & Address of Customer	M/s. Public Work Department. Sub-Division-1 Diu.	Date Of Report	20/01/2026
Sample Details	Water Sample	Customer's Ref.	--
Sample Qty.	3 Lit.	Location	Haukhana Diu
Sampling Date	16/01/2026	Appearance	Colorless
Test Started Date	17/01/2026	Sample Received Date	17/01/2026
Sampled By	UERL-Lab	Test Completion Date	19/01/2026
UERL Lab ID. No.	26/01/0341	Sampling Method	UERL/CHM/SOP/116

TEST RESULTS:

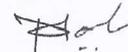
DISCIPLINE: Chemical Testing			NAME OF GROUP: Water	
Sr. No.	Parameters	Test Method	Unit of Measurement	Results
PHYSIO-CHEMICAL PARAMETERS:				
1.	pH @ 25 ° C	IS 3025(Part 11):2022	--	8.46
2.	Colour	IS 3025(Part 4):2021	Pt. Co. Scale	BDL(MDL:5.0)
3.	Odour	IS 3025(Part 5):2018	--	Agreeable
4.	Taste	IS 3025(Part 8):2023	--	Agreeable
5.	Turbidity	IS 3025(Part 10):2023	NTU	0.1
6.	Total Dissolved Solids	IS 3025(Part 16):2023	mg/L	334
GENERAL CHEMICAL PARAMETERS:				
7.	Total Hardness (as CaCO ₃)	IS 3025(Part 21): 2009	mg/L	193.9
8.	Total Alkalinity	IS 3025(Part 23):2023	mg/L	213.2
9.	Chloride (as Cl ⁻)	IS 3025(Part 32):1988	mg/L	21.8
10.	Sulphate (as SO ₄ ²⁻)	IS 3025(Part 24):2022	mg/L	16.4
11.	Calcium (as Ca)	APHA 24th Ed.,2023,3500 Ca. B	mg/L	41.6
12.	Magnesium (as Mg)	APHA 24th Ed.,2023,3500 Mg. B	mg/L	21.9
13.	Fluoride (as F)	IS 3025(Part 60):2023	mg/L	0.34
DISCIPLINE: Chemical Testing			NAME OF GROUP: Residues and Contaminants in Water	
TRACE METAL ELEMENTS:				
14.	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)
Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit, Turbidity = 0.1 = 4.85 NTU.				
Remarks: --				
Opinion & Interpretation (If required): --				

Checked By:



Nilesh C. Patel
(Sr. Chemist)

Authorized By:



Nitin B. Tandel
(Tech Mgr./Sr. Chemist)

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

2064



TEST REPORT

ULR No.	TC15345260000660F	Report No.	URC/26/01/0342
Name & Address of Customer	M/s. Public Work Department. Sub-Division-1 Diu.	Date Of Report	20/01/2026
Sample Details	Water Sample	Customer's Ref.	--
Sample Qty.	3 Lit.	Location	Pump House Gomitmata
Sampling Date	16/01/2026	Appearance	Colorless
Test Started Date	17/01/2026	Sample Received Date	17/01/2026
Sampled By	UERL-Lab	Test Completion Date	19/01/2026
UERL Lab ID. No.	26/01/0342	Sampling Method	UERL/CHM/SOP/116

TEST RESULTS:

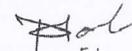
DISCIPLINE: Chemical Testing			NAME OF GROUP: Water	
Sr. No.	Parameters	Test Method	Unit of Measurement	Results
PHYSIO-CHEMICAL PARAMETERS:				
1.	pH @ 25 ° C	IS 3025(Part 11):2022	--	8.41
2.	Colour	IS 3025(Part 4):2021	Pt. Co. Scale	BDL(MDL:5.0)
3.	Odour	IS 3025(Part 5):2018	--	Agreeable
4.	Taste	IS 3025(Part 8):2023	--	Agreeable
5.	Turbidity	IS 3025(Part 10):2023	NTU	0.1
6.	Total Dissolved Solids	IS 3025(Part 16):2023	mg/L	328
GENERAL CHEMICAL PARAMETERS:				
7.	Total Hardness (as CaCO ₃)	IS 3025(Part 21): 2009	mg/L	190.1
8.	Total Alkalinity	IS 3025(Part 23):2023	mg/L	203.0
9.	Chloride (as Cl ⁻)	IS 3025(Part 32):1988	mg/L	28.3
10.	Sulphate (as SO ₄ ²⁻)	IS 3025(Part 24):2022	mg/L	15.5
11.	Calcium (as Ca)	APHA 24th Ed.,2023,3500 Ca. B	mg/L	40.8
12.	Magnesium (as Mg)	APHA 24th Ed.,2023,3500 Mg. B	mg/L	21.5
13.	Fluoride (as F)	IS 3025(Part 60):2023	mg/L	0.42
DISCIPLINE: Chemical Testing			NAME OF GROUP: Residues and Contaminants in Water	
TRACE METAL ELEMENTS:				
14.	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)
Note: BDL= Below Detection Limit, MDL = Minimum Detection Limit, Turbidity = 0.1 = 1.31 NTU.				
Remarks: --				
Opinion & Interpretation (If required): --				

Checked By:



Nilesh C. Patel
(Sr. Chemist)

Authorized By:



Nitin B. Tandel
(Tech Mgr./Sr. Chemist)

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



Head Office & Lab

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Email Id : lab@gogreenmechanisms.com

CERTIFICATE OF ANALYSIS

Report Number: GGMP/ PN/3079E/78/01

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

SAMPLE DETAILS

Lab ID:	Lab/PN/3079E/78/01	Sampling Date:	16/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	17/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	17/01/2026
Sample Description:	Silvassa Bavisa Faliya Sakina Manzil Near New Cinemax	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	90.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	20.84	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	13.49	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.77	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	5.55	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	135.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	82.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.48	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	0.93	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

(Signature)
Reviewed & Authorized by
Tantan kumar & Dr. Haragobinda Srichandan



(Signature)
Reviewed & Authorized by
Payal Patel

Page No : 1/2

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CERTIFICATE OF ANALYSIS

Report Number: GGMP/ PN/3079E/78/01

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/3079E/78/01	Sampling Date:	16/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	17/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	17/01/2026
Sample Description:	Silvassa Bavisa Faliya Sakina Manzil Near New Cinemax	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

Reviewed & Authorized by
Tantan kumar & Dr. Haragobinda Srichandan



Reviewed & Authorized by
Payal Patel

Page No : 2/2

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CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/3079E/78/02

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

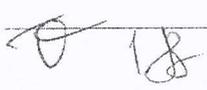
SAMPLE DETAILS

Lab ID:	Lab/PN/3079E/78/02	Sampling Date:	16/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	17/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	17/01/2026
Sample Description:	Silvassa Intake Well (15 MLD)	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

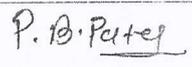
Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	93.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	23.25	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	12.49	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.96	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	6.66	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	133.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	82.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	BQL (QL=0.1)	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	BQL (QL=0.5)	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Present	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit


Reviewed & Authorized by
Tantan kumar & Dr. Haragobinda Srichandan




Reviewed & Authorized by
Payal Patel

Page No : 1/1

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CERTIFICATE OF ANALYSIS

Report Number: GGMP/L/PN/3079E/78/03

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

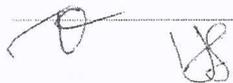
SAMPLE DETAILS

Lab ID:	Lab/PN/3079E/78/03	Sampling Date:	16/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	17/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	17/01/2026
Sample Description:	Silvassa UGSR (15 MLD)	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMP/L/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

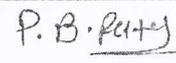
Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	92.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	24.05	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	11.99	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.90	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	5.65	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	139.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	84.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMP/L/SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.19	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	0.89	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0,2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit


Reviewed & Authorized by
Tantan kumar & Dr. Haragobinda Srichandan




Reviewed & Authorized by
Payal Patel

--- End of Report ---

Page No : 1/1

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CERTIFICATE OF ANALYSIS

Report Number: GGMP/ PN/3079E/78/04

Reporting Date : 22/01/2026

U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/3079E/78/04	Sampling Date:	16/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	17/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	17/01/2026
Sample Description:	Silvassa Asharam Temple Police Line Qtrs	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMP/ WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	325.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	95.39	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	47.98	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.32	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	20.20	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	480.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	352.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMP/ SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.44	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	4.30	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

Reviewed & Authorized by
Tantan kumar & Dr. Haragobinda Srichandan



--- End of Report ---

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Payal Patel

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CERTIFICATE OF ANALYSIS

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U.T. Administration of DNH And Daman and Diu.

Office Of the Executive Engineer, Public Works Department, Works Division No.
01, Daman – 396220

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/3079E/78/05	Sampling Date:	16/01/2026
Sample Drawn By:	Paresh Vaylu	Sample Receipt Date:	17/01/2026
Sample Type:	Drinking Water	Analysis Start Date:	17/01/2026
Sample Description:	Silvassa Dandul Faliya well	Analysis End Date:	22/01/2026
Sample Quantity:	4.5 L	Sampling Method:	GGMP/ WJ/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	AL	PL
1	Alkalinity as CaCO ₃	160.00	mg/L	APHA 24th Edition (2320 B)	200	600
2	Calcium as Ca	47.29	mg/L	APHA 24th Edition (3500 Ca B)	75	200
3	Chloride	14.49	mg/L	IS 3025 -Part 32	250	1000
4	pH at 25 °C	7.50	-	IS 3025-Part 11	6.5-8.5	No Relaxation
5	Sulphate	7.67	mg/L	APHA 24th Edition (4500 SO ₄ E)	200	400
6	Total Dissolved Solids (TDS)	224.00	mg/L	APHA 24th Edition (2540 C)	500	2000
7	Total Hardness as CaCO ₃	170.00	mg/L	APHA 24th Edition (2340 C)	200	600
8	Arsenic	BQL (QL=0.005)	mg/L	GGMP/ SOP/W&WW/46	0.01	No Relaxation
9	Fluoride	0.34	mg/L	APHA 24th Edn 4500 F D	1	1.5
10	Nitrate	4.55	mg/L	APHA 24th Edn 4500 NO ₃ B	45	No Relaxation
11	E.coli	Absent	per 100ml	APHA 9222H 24th Edition	Absent	Absent
12	Free residual chlorine (FRC)	BQL (QL=0.5)	mg/L	IS 3025 Part 26	0.2	1

AL & PL as per IS 10500

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

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20712-

SUNITA SHARMA ADVOCATE

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Tilak Lane, Supreme Court of India
New Delhi-110001
Telephone No. 011-23384132
Mob: -9811602201
E-mail:- sunitasharma361@gmail.com

To,

Dt.02.02.2026

The Registrar,
National Green Tribunal,
Principal Bench,
Faridkot House, Copernicus Marge,
New Delhi – 110001

Subject: Submission of Action Taken Report (ATR) in compliance with the directions of the Hon'ble National Green Tribunal in Original Application No. 728/2023 - Reg.

Sir,

This is in reference to the directions issued by the Hon'ble National Green Tribunal in Original Application No. 728/2023.

In compliance with the aforesaid directions, an affidavit on behalf of the U.T. Administration of Dadra & Nagar Haveli and Daman & Diu, along with the Action Taken Report (ATR) detailing the steps taken by the concerned departments/authorities, has been prepared and is hereby submitted for the kind perusal of the Hon'ble Tribunal.

It is further submitted that a copy of the Affidavit / Action Taken Report has been sent via mail to Central Ground Water Authority.

Yours sincerely,



[SUNITA SHARMA]
ADVOCATE

2072

[? Contact your DA](#)

Mail



Submission of Action Taken Report in the matter of O.A. 728/2023 before Hon'ble NGT on behalf of U.T. Administration of DNH & DD.



Me Sagar Doifode <secy-forest-dnhdd@ddd.gov.in> •



Tue, 03 Feb 2026 4:49:09 PM +0530



To "Advisor to Administrator DNHDD" <advisor-dnh-dd@daman.nic.in>, "Jayant Panchal" <secy-law-dd@ddd.gov.in>, "Shri. Hiteshkumar Dhuka" <pwd-wd3-dd@ddd.gov.in>, "secretary-pwd" <secretary-pwd@ddd.gov.in>, "cgwa" <cgwa@nic.in>



Tags



Sir,

Please find herewith the attached Action Taken Report in the matter of O.A. 728/2023 before Hon'ble NGT Principal Bench, New Delhi on behalf of U.T. Administration of DNH & DD.

The copy of same has been submitted to the concerned Advocate (Smt. Sunita Sharma) for the onward submission of the ATR before Hon'ble NGT through E-Filing module.

Thanks & Regards,

**O/o. Secretary (Environment, Forest & Wildlife)
DNH & DD.**

1 Attachment(s)



ATR O.A. 728 of 2023.pdf

22 MB •

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