

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL**  
**PRINCIPAL BENCH, NEW DELHI**

**ORIGINAL APPLICATION NO 23/2026**

**IN THE MATTER OF:**

News Item Titled "Sewage Gaps: Disasters Lie In Wait & Water" Appearing In Times of India Newspaper Dated 02.01.2026.

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Date: 22.05.2026

Place: New Delhi

**Submitted by MPPCB: -  
through Counsel**



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**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL PRINCIPAL**  
**BENCH, NEW DELHI**

**ORIGINAL APPLICATION NO 23/2026**

**IN THE MATTER OF:**

News Item Titled "Sewage Gaps: Disasters Lie In Wait & Water" Appearing In Times of India Newspaper Dated 02.01.2026.

**REPLY ON BEHALF OF MADHYA PRADESH POLLUTION CONTROL BOARD (RESPONDENT NO. 4) IN COMPLIANCE OF ORDER DATED 17.01.2026**

1. That, the present matter pertains to a survey conducted by Barkatullah University in the year 2022, wherein it was reported that in 14 out of 19 municipal zones of Bhopal city, drainage lines and drinking water pipelines are laid in close proximity and, in several instances, run through common or adjoining alignments, thereby creating a potential risk of contamination of drinking water and consequent public health hazards.
2. That this Hon'ble Tribunal, vide order dated 17.01.2026, directed the respondents to file their respective replies in the present matter.
3. That it is submitted that in Bhopal city, the drinking water supply system is operated and distributed by the Bhopal Municipal Corporation (hereinafter referred to as "BMC"). Further, the sewerage and drainage network across the city is also constructed, maintained, and operated by the BMC. Accordingly, the answering Respondent sought requisite information from BMC regarding the

alignment of drinking water pipelines with drainage/sewer lines and other issues raised in the present proceedings vide Letter No. 1333 dated 26.02.2026. A copy of the said letter is annexed herewith as **Annexure R/3-1**.

4. That thereafter, MPPCB vide Letter No. 1345 dated 02.03.2026, again requested the BMC to take necessary corrective action in respect of the issues raised in the present matter and to intimate the action taken report to MPPCB. A copy of the said communication is annexed herewith as **Annexure R/3-2**.
5. That subsequently, the Bhopal Municipal Corporation submitted its response vide Letter No. 299 dated 06.03.2026, which is annexed herewith as **Annexure R/3-3**. The gist of the information provided by BMC is as follows: –
  - a) The corporation clarified that Bhopal is supplied 440 MLD of water from four primary sources (Narmada, Kolar, Kerwa, and Upper Lake) through 14 water treatment plants (list enclosed with letter), fully purified according to CPHEEO and Bureau of Indian Standards (BIS) 10500 and distributed via 173 high-level tanks.
  - b) Daily inspections are conducted by Zonal Assistant Engineers and Sub-Engineers, and water samples are regularly tested across 8 established water testing laboratories in the city.
  - c) Pipeline leakages and dirty water complaints are addressed immediately, and the claim that pipeline maintenance is in poor condition is baseless, as technically skilled staff under Assistant Engineers handle maintenance across all 21 zones.
  - d) Clean drinking water is being supplied to the New Market area, as backed by the attached water quality report.

- e) Vijay Market and Barkheda are part of the BHEL township; BHEL takes raw water from Upper Lake from the BMC, purifies it at its Arera Hills water treatment plant, and distributes it independently to its township.
- f) High-quality drinking water is being supplied to Zones 1, 2, 3, 7, and 14, supported by the attached water testing reports.
- g) Regular water quality testing, chlorination, and residual chlorine monitoring are performed as per standards, and flushing, chlorination, and re-sampling are mandatory after any pipeline repair or leakage fix.
- h) All high-level tanks are linked to a SCADA system for real-time monitoring of filling and emptying, and an advanced SCADA system under AMRUT 2.0 is proposed for real-time monitoring of water treatment plants, water quality, pressure management, and the distribution network.
- i) The water distribution network was developed long ago and is more extensive than the sewerage network, as expanding sewer lines has been technically challenging due to the city's geographical terrain, narrow lanes, and unplanned expansion.
- j) The city currently has 4,200 km of water distribution pipelines, while past sewerage work has established 750 km of sewer lines and 18 sewage treatment plants (STPs) treating 204.50 MLD of sewage.
- k) The claim that the water works staff is unaware of sewage overflows is baseless because both water works and sewage operations in each zone are managed by the same Assistant Engineer to ensure immediate response to maintenance, cleaning and preventing any mixing of sewage with water supply.

- l) During pipeline development, maximum possible distance is maintained between drinking water and sewer lines in accordance with CPHEEO manual guidelines.
  - m) Under the central and state government's AMRUT 2.0 sewerage project, the expansion of new sewer lines and STPs is progressing in phases.
  - n) In total, the AMRUT 2.0 project proposes laying 968 km of sewer lines and constructing 10 STPs with a total capacity of 171 MLD.
  - o) Upon completion of the AMRUT 2.0 project, the city will have a 1,718 km sewer network, 28 STPs treating 375.50 MLD of sewage, and 2,35,357 household connections, bringing the city's sewer network coverage to 73%.
  - p) Additionally, the corporation has identified 525 km of water pipelines running close to sewer lines or drains; an action plan estimated at ₹377 crores has been prepared to replace them, and a letter has been sent to the State Government to secure funding.
6. That in light of the information received, the MPPCB vide Letter No. 2014 dated 18.05.2026 has again communicated to BMC to ensure strict compliance of the directions of this Hon'ble Tribunal as well as provisions of the Water (Prevention and Control of Pollution) Act, 1974. The said communication also directs immediate corrective measures including isolation of water pipelines from contamination sources, replacement of damaged infrastructure, regular water quality monitoring, and implementation of long-term safeguards to prevent cross-contamination. A copy is annexed as **Annexure R/3-4**.

7. That the Respondent Board respectfully submits that the present reply may kindly be taken on record.
8. That an affidavit in support of the present reply is being filed herewith.
9. That the Respondent Board undertakes to comply with any further directions that may be issued by this Hon'ble Tribunal.
10. That the Respondent Board reserves its right to file additional submissions, if required and as directed by this Hon'ble Tribunal Court.

Date: 22.05.2026

Place: New Delhi

**Submitted by MPPCB: -  
through Counsel**



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**BEFORE NATIONAL GREEN TRIBUNAL**  
**PRINCIPAL BENCH, NEW DELHI**  
**ORIGINAL APPLICATION No. 23/2026**

**IN THE MATTER OF:**

**“News Item Titled "Sewage Gaps: Disasters Lie In Wait & Water"  
Appearing In Times of India Newspaper Dated 02.01.2026”**

**AFFIDAVIT**

I, Neetesh Chaurasiya, S/o Shri. Rajendra Prasad Chaurasiya, Regional Officer, MPPCB Regional Office Bhopal, and Officer-in-Charge, Age: 32 Years, office at E-5 Arera Colony, Paryawaran Parisar, Regional Office, Madhya Pradesh Pollution Control Board, Bhopal do hereby solemnly affirm on oath as under:

1. That I am Officer in Charge for Madhya Pradesh Pollution Control Board in the present matter, and am fully conversant with the facts of the case and hence competent to swear on this affidavit.
2. That I am filing a reply in the aforementioned matter before the Hon'ble Tribunal, the contents of the Reply are true and correct and no material fact is concealed or suppressed.
3. I swear that this declaration is true, that it conceals nothing, and that no part of it is false.

**DEPONENT**

Neetesh Chaurasiya  
Regional Officer, Bhopal

**VERIFICATION**

I Neetesh Chaurasiya, deponent above named do hereby verify that the contents of para 1 to 3 are true to my personal knowledge and belief, Signed and verified on 18.05.2026 at Bhopal (MP)

**IDENTITY BY ME**

Name Shri. Rajendra Prasad Chaurasiya  
Address MPPCB  
Signature [Signature]

SIGNATURE ATTESTED  
SWORN BEFORE ME

[Signature]  
**RAJINI TELANG**  
NOTARY & ADVOCATE  
144, Malviya Nagar Bhopal M.P. India  
Serial.....268.....

**DEPONENT**

Neetesh Chaurasiya  
Regional Officer, Bhopal

18 MAY 2026



क्षेत्रीय कार्यालय  
मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड



पर्यावरण परिसर, ई-5, अरेरा कॉलोनी, भोपाल

Telephone:- 0755-2466392 Email:-romppcb\_bpl@rediffmail.com

क्रमांक 1333/क्षेका/प्रनिबो/2026 भोपाल, दिनांक 26/02/2026

प्रति,

आयुक्त,  
नगर निगम,  
कुशामाऊ ठाकरे,  
आई.एस.बी.टी. कैम्पस,  
भोपाल, (म.प्र.)

विषय:- माननीय राष्ट्रीय हरित अधिकरण प्रिसिंपल बेंच के प्रकरण क्रमांक 19/2026, 22/2026, 23/2026 सूओ मोटो के संबंध में।

संदर्भ:- माननीय एन.जी.टी. द्वारा पारित आदेश दिनांक 13.01.2026, 17.01.2026।

कृपया संदर्भित आदेशों का अवलोकन हो। उपरोक्त विषयान्तर्गत लेख है कि माननीय राष्ट्रीय हरित अधिकरण प्रिसिंपल बेंच में प्रकरण क्रमांक 19/2026, 22/2026, 23/2026 सूओ मोटो समाचार पत्रों में प्रकाशित प्रतिवेदनों के आधार पर पेयजल अपूर्ति लाईनों के साथ सीवेज लाईनों के समानांतर प्रवाह, जरजर एवं क्षतिग्रस्त पाईप लाईन, कोलीफोर्म/ई-कोलाई जीवाणु तथा दूषित जल निर्वहन से हो रही स्वास्थ्य संबंधी समस्याओं से संबंधित है। प्रकरणों में माननीय अधिकरण द्वारा पारित आदेशों में उल्लेखित बिन्दुओं के संबंध में निम्नानुसार जानकारी प्रदान करने का कष्ट करें:-

1. समाचार पत्रों में प्रकाशित बिन्दुओं के संबंध में विस्तृत प्रतिवेदन।
2. नगर निगम द्वारा उपरोक्त के संबंध में निराकरण हेतु की गई कार्यवाही।

अतः लेख है कि चाही गई जानकारी इस कार्यालय को 05 दिवस के भीतर प्रदान करने का कष्ट करें, ताकि प्रकरण की आगामी सुनवाई के पूर्व जानकारी माननीय एनजीटी के समक्ष प्रस्तुत की जा सकें। माननीय एनजीटी द्वारा प्रकरण में आगामी सुनवाई दिनांक 09.03.2026 को नियत है।

संलग्न:-उपरोक्तानुसार।

(एस.एन.द्विवेदी)  
क्षेत्रीय अधिकारी

पृ. क्रमांक 1334/क्षेका/प्रनिबो/2026

भोपाल, दिनांक 26/02/2026

प्रतिलिपि :-

1. कलेक्टर, कलेक्टर कार्यालय, जिला-भोपाल (म.प्र.) की ओर सूचनार्थ।
- ✓ 2. श्री उदित गर्ग, सिटी इंजीनियर, नगर निगम भोपाल ओर सूचनार्थ एवं अनुरोध है कि उपरोक्त जानकारी यथाशीघ्र उपलब्ध करावें ताकि माननीय एन.जी.टी. के समक्ष निर्धारित समयावधि में प्रेषित की जा सकें।

o/c



क्षेत्रीय कार्यालय  
मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड  
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क्रमांक 1345 /क्षेका/प्रनिबो/2026 भोपाल, दिनांक 02/03/2026

प्रति,


आयुक्त,  
नगर निगम,  
कुशाभाऊ ठाकरे,  
आई.एस.बी.टी. कैम्पस,  
भोपाल (म.प्र.)।

विषय:- माननीय राष्ट्रीय हरित अधिकरण प्रिसिंपल बेंच के प्रकरण क्रमांक 23/2026 सूओ मोटो (News Item titled " Sewage Gaps: Disasters Lie In Wait & Water" Appearing in Times of India News Paper dated 02.01.2026) के संबंध में।

संदर्भ:- 1. माननीय एन.जी.टी. द्वारा पारित आदेश दिनांक 17.01.2026  
2. इस कार्यालय का पत्र क्रमांक 1333 दिनांक 26.02.2026

कृपया संदर्भित आदेश एवं पत्र का अवलोकन हो। उपरोक्त विषयान्तर्गत लेख है कि माननीय राष्ट्रीय हरित अधिकरण प्रिसिंपल बेंच का प्रकरण क्रमांक 23/2026 सूओ मोटो समाचार पत्रों में प्रकाशित खबर के अनुसार 2022 में बरकातुल्ला विश्वविद्यालय द्वारा किये गये सर्वे में दूषित जल के कारण हो रही स्वास्थ्य संबंधी समस्याओं से संबंधित है। प्रकरण में माननीय अधिकरण द्वारा पारित आदेश में उल्लेखित बिन्दुओं के संबंध में कार्यवाही सुनिश्चित किये जाने का अनुरोध है तथा की गई कार्यवाही से इस कार्यालय को यथाशीघ्र अवगत कराने का कष्ट करें, ताकि प्रकरण की आगामी सुनवाई के पूर्व जानकारी माननीय एनजीटी के समक्ष प्रस्तुत की जा सकें। माननीय एनजीटी द्वारा प्रकरण में आगामी सुनवाई दिनांक 09.03.2026 को नियत है।

संलग्न:-उपरोक्तानुसार।

  
(एस.एन.द्विवेदी)  
क्षेत्रीय अधिकारी

पृ. क्रमांक 1346 /क्षेका/प्रनिबो/2026  
प्रतिलिपि :-

भोपाल, दिनांक 02/03/2026

1. कलेक्टर, कलेक्टर कार्यालय, जिला-भोपाल (म.प्र.) की ओर सूचनार्थ।
2. श्री उदित गर्ग, सिटी इंजीनियर, नगर निगम भोपाल ओर सूचनार्थ एवं अनुरोध है कि उपरोक्त जानकारी यथाशीघ्र उपलब्ध करावें ताकि माननीय एन.जी.टी. के समक्ष निर्धारित समयावधि में प्रेषित की जा सकें।

## नगर पालिक निगम, भोपाल

द्वितीय तल, ए-विंग, आईएसबीटी कैंम्पस,  
डॉ. अम्बेडकर मार्ग, भोपाल 462023 (म.प्र.)

MUNICIPAL CORPORATION, BHOPAL

कार्या. दूरभाष : 0755 - 2602070

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पत्र क्रमांक ..... 299

भोपाल दिनांक 06/03/2026



प्रति,

✓ क्षेत्रीय अधिकारी,  
क्षेत्रीय कार्यालय,  
मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड,  
पर्यावरण परिसर, ई-5, अरेरा कॉलोनी,  
भोपाल।

विषय- माननीय राष्ट्रीय हरित अधिकरण प्रिंसिपल बेंच के प्रकरण क्रमांक-19/2026,  
22/2026, 23/2026 सूओ मोटो के संबंध में।

संदर्भ:- 1. माननीय एन.जी.टी. द्वारा पारित आदेश दिनांक 13.01.2026, 17.01.2016  
2. आपका पत्र क्र. 1333/क्षेका/प्रनिबो/2026 भोपाल दिनांक 26.02.2026

उपरोक्त विषय के संबंध में लेख है कि आपके द्वारा संदर्भित पत्र के माध्यम से समाचार पत्रों में प्रकाशित बिन्दुओं के संबंध में विस्तृत प्रतिवेदन तथा नगर निगम द्वारा उपरोक्त के संबंध में निराकरण हेतु की गई कार्यवाही की जानकारी एवं विस्तृत प्रतिवेदन संलग्न कर आपकी ओर प्रेषित है।

संलग्न:- उपरोक्तानुसार।

  
(संस्कृति जैन)  
आई.ए.एस.

आयुक्त  
नगर निगम, भोपाल  
भोपाल दिनांक.....

क्रमांक...../आ.क./न.नि./2026

प्रतिलिपि:-

1. कलेक्टर महोदय की ओर निज सचिव के माध्यम से सूचनार्थ प्रेषित।
2. अपर आयुक्त (जलकार्य), नगर निगम, भोपाल की ओर सूचनार्थ प्रेषित।
3. अधीक्षण यंत्री (जलकार्य), नगर निगम भोपाल की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

आयुक्त  
नगर निगम, भोपाल

## प्रतिवेदन

**विषय:-** फ्री प्रेस समाचार पत्र में दिनांक 05.01.2026 को प्रकाशित खबर "99% water supply safe on BMC's paper, but ground reality tells a lethal tale" के संबंध में

फ्री प्रेस समाचार पत्र में दिनांक 05.01.2026 को प्रकाशित खबर "99% water supply safe on BMC's paper, but ground reality tells a lethal tale" शीर्षक से प्रकाशित समाचार के संबंध में लेख है कि नगर निगम द्वारा प्रदत्त "99% सुरक्षित जलापूर्ति का आंकड़ा नियमित एवं मानक परीक्षणों पर आधारित है, जो निर्धारित प्रोटोकॉल के अनुसार अधिकृत प्रयोगशालाओं में किया जाता है।

भोपाल के सभी क्षेत्रों में नियमित रूप से पेयजल के नमूने एकत्रित करने एवं प्रयोगशाला में परीक्षण का कार्य व्यापक स्तर पर कराया जा रहा है, तथा किसी भी क्षेत्र में गंदे पानी की शिकायत प्राप्त होने पर तुरंत संधारण कार्य कराया जा रहा है, तथा कार्य पूर्ण होने के उपरांत पेयजल का पुनः नमूना एकत्रित कर परीक्षण कर सुनिश्चित किया जाता है की पेयजल मानकों के अनुरूप है।

नगर निगम, भोपाल द्वारा सभी क्षेत्रों में पुरानी पाइप लाइनों एवं खुले नालो से संभावित रिसाव की आशंका को ध्यान में रखते हुये जमीनी स्तर पर निरीक्षण दल गठित किये गये है। क्षतिग्रस्त पाइप लाइन की मरम्मत, फ्लशिंग, क्लोरीनेशन तथा पुनः सैंपलिंग की कार्रवाई निरंतर जारी है। जलशोधन संयंत्रों में क्लोरीनेशन की मात्रा की सतत मॉनिटरिंग की जा रही है। निर्धारित अवशिष्ट क्लोरीन (Residual chlorine) स्तर सुनिश्चित किया जा रहा है ताकि वितरण प्रणाली में जल गुणवत्ता सुरक्षित बनी रहे।

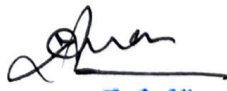
निगम के द्वारा दीर्घकालिक समाधान हेतु पुरानी जी.आई. पाइप लाइन के स्थान पर नई पाइप लाइन बिछाने की कार्य योजना बनाने का कार्य प्रगति पर है।

समाचार पत्र में प्रकाशित क्षेत्रों इतवारा, बुधवारा, बाग फरहत हफजा एवं गैस राहत क्षेत्र में नियमित रूप से जलप्रदाय पाइप लाइनों की जांच करायी जा रही है, तथा लीकेज मिलने पर त्वरित कार्रवाही करते हुये संधारण कार्य कराया जाता है, तथा उक्त क्षेत्र में गंदे पानी से संबंधित कोई भी शिकायत लंबित नहीं है।

  
**Assistant Engineer**  
Water Works Department  
Municipal Corporation, Bhopal

  
**Assistant Engineer**  
Water Works Department  
Municipal Corporation, Bhopal

  
**T.C. PATHYA**  
Executive Engineer  
Municipal Corporation, Bhopal

  
**Z. A. Khan**  
Executive Engineer (H)  
Municipal Corporation, Bhopal



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/41	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	27.02.2026	WTL Receipt Date
	Date of Analysis Started	27.02.2026	Date of analysis completed
Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-53			

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.3, ITWARA (WATER SAMPLE)	48
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.90	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	22	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	112	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	32	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	130	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	142	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of certification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed By

Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
नगर निगम भोपाल

Issue No 163 /WTL/NN/BPL /2026 Issue Date 28/02/2026



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : <b>WATER SAMPLE</b>	Format Number: WTL/NN/BPL/A.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	27.02.2026	WTL Receipt Date	27.02.2026
	Date of Analysis Started	27.02.2026	Date of analysis completed	28.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-65			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.3, ITWARA (WATER SAMPLE)	48
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B			NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622	NIL for treated water and water in distribution system.		NIL	-	-

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of certification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BPL" stands for Borehole Detachable test.

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निर्माण भाषापाल

Reviewed By

Issue No. 163 /WTL/NN/BPL /2025 Issue Date 28/02/2026



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	27.02.2026	WTL Receipt Date
	Date of Analysis Started	27.02.2026	Date of analysis completed
	Environmental Conditions at the time of Testing : Temperature - 25.4°C		Humidity-55

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.987, BAGH FARH AFJA (WATER SAMPLE)	50
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.94	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	22	-	-
6	Total Alkalinity as CaCO3 mg/l	IS 3025 Part 23: 2023	200	600	110	-	-
7	Calcium as Ca++ mg/l	IS 3025 Part 40: 2024	75	200	31.2	-	-
8	Magnesium as Mg++ mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO3 mg/l	IS 3025 Part 21: 2023	200	600	128	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	138	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed By

Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 165 /WTL/NN/BPL /2026 Issue Date 28/02/2026



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE	Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	27.02.2026	WTL Receipt Date	27.02.2026
	Date of Analysis Started	27.02.2026	Date of analysis completed	28.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.987, BAGH FARH AFJA (WATER SAMPLE)	50
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B			NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622	NIL for treated water and water in distribution system.		NIL	-	-

\* End of the report \*

- The results refer only to tested samples and parameters listed
- Samples will be stored for a period of 5 days from the date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept or held for work of certification
- This report should not be produced partly or full without approval of regulatory authority for legal purposes
- "NIL" stands for Below Detectable limit.

  
 Incharge  
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 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Reviewed By

Issue No. 165 WTL/NN/BPL /2026 Issue Date 28/02/2026





**Water Testing Laboratory 5 MGD  
Nagari Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : <b>WATER SAMPLE</b>	Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagari Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	27.02.2026	WTL Receipt Date	27.02.2026
	Date of Analysis Started	27.02.2026	Date of analysis completed	28.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.29, BUDHWARA (WATER SAMPLE)	49
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B			NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622	NIL for treated water and water in distribution system.		NIL	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagari Nigam, Arera Hills, Bhopal  
 नगर निगम मीपाल

Reviewed By  


Issue No. 164 /WTL/NN/BPL /2026 Issue Date 28/02/2026



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/41	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
	Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
Environmental Conditions at the time of Testing : Temperature - 25.5°C Humidity-55				

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.784 KARIM BAKSH (Water Sample)	11
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.98	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	20	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	114	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	30.4	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12.96	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	1.1	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	130	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	133	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 9 days from the date of issue of report.
3. This lab does not hold any responsibility for variations in results for samples kept on hand for worst of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed by [Signature]

[Signature]  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
[Signature]

Issue No 119 /WTL/NN/BPL /2026 Issue Date 21/2/26



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
		Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
		Environmental Conditions at the time of Testing : Temperature - 24.5°C Humidity- 55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.784 KARIM BAKSH (Water Sample)	11
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 8 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

*[Signature]*  
Reviewed by

Issue No. 119 /WTL/NN/BPL /2026 Issue Date 21/2/26

*[Signature]*  
Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
**नगर निगम भोपाल**

## प्रतिवेदन

**विषय:- टाइम्स ऑफ इंडिया में दिनांक 08.01.2026 को प्रकाशित समाचार "E coli contamination found in water" के संबंध में**

टाइम्स ऑफ इंडिया में दिनांक 08.01.2026 को प्रकाशित समाचार "E coli contamination found in water" जिसमें भोपाल के तीन स्थानों के जल नमूनों में ई. कोलाई एवं टोटल कॉलिफार्म बैक्टीरिया पाये जाने का उल्लेख किया गया है, के संबंध में लेख है कि भोपाल के सभी क्षेत्रों में नियमित रूप से पेयजल के नमूने एकत्रित करने एवं प्रयोगशाला में परीक्षण का कार्य व्यापक स्तर पर कराया जा रहा है। इसी तारतम्य में दिनांक 06.01.2026 को जल गुणवत्ता परीक्षण हेतु जल नमूने एकत्रित किये गये थे। संबंधित नमूनों की रिपोर्ट बुधवार दिनांक 07.01.2026 को प्राप्त हुई। तीन स्थानों से लिये गये नमूनों में से एक कुएं के जल में ई.कोलाई की उपस्थिति पायी गई। प्रारंभिक जाँच में यह पाया गया कि उक्त कुएं में सीवेज लाइन के रिसाव के कारण संदूषण हुआ। प्रभावित क्षेत्रों में पेयजल आपूर्ति को तत्काल प्रभाव से एहतियातन बंद कर दिया गया है, तथा वैकल्पिक जल आपूर्ति की व्यवस्था सुनिश्चित की गई है।

खानूगांव क्षेत्र जो Upper lake (भोज वेटलैंड) के समीप स्थित है, वहां की मुख्य जलापूर्ति प्रणाली की नियमित निगरानी की जा रही है। बड़ा तालाब (Upper lake) के जल को जलशोधन संयंत्रों के माध्यम से CPHEEO मैनुअल के अनुसार सभी जलशोधन प्रक्रिया अपनाकर पेयजल प्रदाय किया जा रहा है, तथा प्रदत्त पेयजल की गुणवत्ता का सतत् परीक्षण कराया जाता है, जो कि सुरक्षित एवं निर्धारित मानक-IS10500 के अनुरूप है।

  
**Z. A. Khan**  
Executive Engineer (H)  
Municipal Corporation, Bhopal

  
**Assistant Engineer**  
Water Works Department  
Municipal Corporation, Bhopal

## प्रतिवेदन

समाचार पत्र टाइम्स ऑफ इंडिया में दिनांक 02/01/2026 को प्रकाशित किया गया है की "sewage gaps : Disasters lie in wait and Water , City's water network dwarfs sewer lines, Leaving 6L exposed" में प्रकाशित किया गया है की बरकतुल्लाह यूनिवर्सिटी के विद्यार्थियों द्वारा शहर में सर्वे कराया गया तथा पाया गया की शहर में सीवेज और पानी की पाइप लाइन पास पास बिछी हुई है। तथा भोपाल में न्यू मार्केट, विजय मार्केट, बरखेडा में पानी में कॉलिफोर्म प्राप्त हुए है तथा जोन 1,2,3,7,14 में रहवासी पेयजल गुणवत्ता से संतुष्ट नहीं है, साथ ही शहर के कुछ क्षेत्रों में काफी कम मात्रा में जलप्रदाय किया जाता है, साथ ही शहर में पेयजल मॉनिटरिंग हेतु स्काडा सिस्टम अधुरा है तथा भोपाल शहर में पानी की 4200 किमी पाइप लाइन बिछी हुई है तथा मात्र 700 किमी सीवर लाइन बिछी हुई है। तथा सीवर लाइन ओवरफ्लो होने पर पाइप लाइन में कंटैमिनेशन का खतरा है। तथा सीवर लाइन का संधारण एवं क्लीनिंग का कार्य निगम के सिविल विंग के द्वारा कराया जाता है तथा जल कार्य की टीम के पास सीवर लाइन संधारण की अयॉरिटी नहीं है। साथ ही अमृत 2.0 परियोजना के अंतर्गत लगभग 666 किमी सीवर लाइन बिछाने का कार्य प्रस्तावित है जिसके बावजूद भोपाल शहर में 2534 किमी सीवेज लाइन का डिफरेंस रहेगा।

प्रकाशित समाचार के सम्बन्ध में लेख है की भोपाल शहर में मुख्यतः चार स्रोतों 1. नर्मदा 2. कोलार 3. केरवा 4. बड़ा तालाब से 14 जल शोधन संयंत्र (Annexure A) के माध्यम से 440 MLD पानी CPHEEO एवं भारतीय मानक ब्यूरो 10500 के अनुसार सभी जल शोधन प्रक्रिया अपनाकर जल को शुद्ध एवं पेयजल योग्य बनाकर 173 उच्च स्तरीय टर्किवों के माध्यम से जलप्रदाय किया जाता है। जलप्रदाय के दौरान प्रतिदिन जोनल सहायक यंत्री एवं उप यंत्रियों द्वारा निरीक्षण किया जाता है तथा पेयजल नमूने एकत्रित कर शहर में स्थापित 8 जल परिक्षण प्रयोगशाला के माध्यम से परिक्षण कराया जाता है। साथ ही किसी भी क्षेत्र में जल प्रदाय पाइप लाइन लीकेज मिलने पर तुरंत पाइप लाइन का सुधार कार्य कराया जाता है तथा गंदे पानी की शिकायत मिलने पर भी तुरंत शिकायत का निराकरण कराया जाता है। समाचार पत्र में प्रकाशित किया गया है शहर में पाइप लाइन संधारण एवं रख रखाव का कार्य खराब अवस्था में है, जो की निराधार है। निगम के सभी वर्तमान 21 जोन में पाइप लाइन संधारण कार्य हेतु सहायक यंत्री के अधीनस्थ तकनीकी रूप से दक्ष एवं कुशल अमला है जो की तात्कालिक रूप से पाइप लाइन संधारण का कार्य सम्पादित करते है। इसके अतिरिक्त शहर में किसी भी प्रकार की जलप्रदाय एवं सीवेज की समस्या CM हेल्पलाइन, महापौर हेल्पलाइन के माध्यम से प्राप्त होती है तो उसका भी निराकरण तय समय सीमा में कराया जाता है। निगम के द्वारा शहर के सभी क्षेत्रों में नियमित रूप से जलप्रदाय किया जाता है। समाचार में प्रकाशित क्षेत्र न्यू मार्केट, विजय मार्केट में पेयजल में कॉलिफोर्म मिलने की खबर प्रकाशित की गयी है। न्यू मार्केट क्षेत्र में निगम के द्वारा स्वच्छ पेयजल प्रदाय किया जा रहा है तथा पेयजल की गुणवत्ता रिपोर्ट संलग्न है(Annexure B)। BHEL के द्वारा निगम से बड़े तालाब का कच्चा पानी लिया जाता है तथा उनके अरेरा हिल्स स्थित जल शोधन संयंत्र में शुद्ध करके अपनी टाउनशिप में प्रदाय किया जाता है। समाचार में प्रकाशित विजय मार्केट, बरखेडा BHEL टाउनशिप का ही हिस्सा है जहा BHEL के द्वारा ही जलप्रदाय किया जाता है। इसके साथ ही समाचार में प्रकाशित जोन क्रमांक 1,2,3,7,14 में उच्च गुणवत्ता पेयजल प्रदाय किया जा रहा है, जिसकी पेयजल परिक्षण की रिपोर्ट संलग्न है (Annexure C)। नगर निगम द्वारा पेयजल आपूर्ति के लिए निर्धारित

मानकों के अनुरूप नियमित जल गुणवत्ता परीक्षण, क्लोरीनेशन तथा अवशिष्ट क्लोरीन की निगरानी की जाती है। पाइपलाइन लीकेज अथवा मरम्मत के पश्चात अनिवार्य रूप से फ्लशिंग, क्लोरीनेशन एवं पुनः सैंपलिंग कर जल की गुणवत्ता सुनिश्चित की जाती है। किसी भी क्षेत्र में दूषित पानी की आशंका होने पर तत्काल सुधारात्मक कार्रवाई की जाती है। वर्तमान परिदृश्य में शहर के सभी क्षेत्रों (स्लम एवं नॉन स्लम) में नियमित रूप से जलप्रदाय किया जाता है तथा किसी भी क्षेत्र में जल संकट जैसी स्थिति नहीं है। निगम के द्वारा सभी उच्च स्तरीय टंकियों को स्काडा के माध्यम से जोड़ा गया है तथा स्काडा सिस्टम के माध्यम से टंकियों के भरने, खाली होने की रियल टाइम मॉनिटरिंग का कार्य किया जाता है। अमृत 2.0 पेयजल परियोजना के अंतर्गत उन्नत स्काडा सिस्टम के माध्यम से जल शोधन संयंत्रों की कार्यप्रणाली-पेयजल की गुणवत्ता, उच्च स्तरीय टंकियों का प्रेशर मैनेजमेंट एवं वितरण प्रणाली की रियल-टाइम मॉनिटरिंग का कार्य कराया जाना प्रस्तावित है।

भोपाल शहर को जलापूर्ति करने के लिए पाइप लाइन नेटवर्क बहुत पहले से विकसित हुआ है, जिसके कारण जल वितरण नेटवर्क का विस्तार सीवरेज नेटवर्क की तुलना में अधिक है। शहर की भौगोलिक परिस्थितियों, संकरी गलियों एवं अनियोजित विस्तार के कारण सीवर लाइनों का विस्तार तकनीकी रूप से चुनौतीपूर्ण रहा है। वर्तमान में शहर में 4200 किमी जल वितरण पाइपलाइन का नेटवर्क है। पूर्व में शहर में सीवर लाइन बिछाने का कार्य निम्नानुसार किया गया।

1. वर्ष 1970 से 1990 के मध्य में CPA विभाग द्वारा 176 किमी सीवर नेटवर्क बिछाने का कार्य विभिन्न क्षेत्रों में किया गया तथा 2 सीवेज ट्रीटमेंट प्लांट का निर्माण कार्य किया गया।
2. वर्ष 2002 से 2005 के मध्य भोज वेटलैंड परियोजना के अंतर्गत 65 किमी सीवर लाइन नेटवर्क बिछाने का कार्य पूर्ण किया गया तथा 3 सीवेज ट्रीटमेंट प्लांट का निर्माण कार्य किया गया।
3. वर्ष 2008 से 2012 के मध्य ADB परियोजना के अंतर्गत 170 किमी सीवर लाइन नेटवर्क बिछाने का कार्य पूर्ण किया गया तथा 2 सीवेज ट्रीटमेंट प्लांट का निर्माण कार्य किया गया।
4. वर्ष 2018 से 2021 के मध्य अमृत 1.0 परियोजना के अंतर्गत 339 किमी सीवर लाइन नेटवर्क बिछाने का कार्य पूर्ण किया गया तथा 9 सीवेज ट्रीटमेंट प्लांट का निर्माण कार्य किया गया।
5. BHEL द्वारा उनकी टाउनशिप में सीवेज उपचार हेतु 2 सीवेज ट्रीटमेंट प्लांट का निर्माण किया गया है। Annexure D

इस प्रकार वर्तमान परिदृश्य में शहर में 750 किमी सीवर लाइन बिछी हुई है तथा 18 सीवेज ट्रीटमेंट प्लांट के माध्यम से 204.50 MLD सीवेज का उपचार किया जाता है। समाचार में प्रकाशित किया गया है की जलकार्य के अमले को सीवेज ओवरफ्लो होने की जानकारी नहीं होती है, जिसके कारण पेयजल में सीवेज मिलने की सम्भावना रहती है बिलकुल निराधार है। निगम में जलकार्य एवं सीवेज कार्य का जोन वार संपादन कार्य एक ही सहायक यंत्री के द्वारा कराया जाता है जिससे की सीवेज की समस्या उत्पन्न होने पर त्वरित सीवेज सफाई तथा संधारण कार्य कर जलप्रदाय में सीवेज मिलने की सम्भावना को निरंक किया जा सके। शहर में सीवेज लाइन जलप्रदाय पाइप लाइन विकास कार्य के दौरान सीपीएचईईओ (CPHEEO) मैनुअल के दिशा-निर्देशों के अनुसार पेयजल एवं सीवर लाइन बिछाने के दौरान दोनों लाइनों के बीच अधिकतम दूरी बनाए रखने का प्रयास किया जाता है। वर्तमान में केंद्र एवं राज्य शासन की AMRUT 2.0 सीवरेज परियोजना के अंतर्गत नई सीवर लाइन बिछाने, सीवेज ट्रीटमेंट प्लांट निर्माण कार्य चरणबद्ध रूप से प्रगति पर है।

अमृत 2.0 सीवरज परियोजना के अंतर्गत भोपाल शहर में निम्नानुसार कार्य प्रस्तावित किया गया है एवं वर्तमान में कार्य प्रगति पर है।


1. Package 1 (हुजुर): पैकेज 1 के अंतर्गत मेसर्स SKC technocrats Pvt. Ltd. को दिनांक 21 नवम्बर 2025 को कार्यादेश जारी किया गया जिसके अंतर्गत एजेंसी को हुजुर क्षेत्र में कुल 161 किमी सीवर पाइप लाइन बिछाने का कार्य, 20000 घरों के कनेक्शन तथा 5 MLD का सीवेज ट्रीटमेंट प्लांट का निर्माण कार्य प्रस्तावित है तथा कार्य प्रगति पर है। वर्तमान में एजेंसी द्वारा 15 किमी सीवर लाइन बिछाने का कार्य कर दिया गया है तथा सीवेज ट्रीटमेंट प्लांट की ड्राइंग एंड डिजाइन का कार्य प्रगति पर है।
2. Package 2 (गोविन्दपुरा): पैकेज 2 के अंतर्गत मेसर्स Jay Varudi infracon Pvt. Ltd. को दिनांक 21 नवम्बर 2025 को कार्यादेश जारी किया गया जिसके अंतर्गत एजेंसी को गोविन्दपुरा क्षेत्र में कुल 140 किमी सीवर पाइप लाइन बिछाने का कार्य, 18000 घरों के कनेक्शन तथा 30 MLD के सीवेज ट्रीटमेंट प्लांट का निर्माण कार्य प्रस्तावित है तथा कार्य प्रगति पर है। वर्तमान में एजेंसी द्वारा 1.5 किमी सीवर लाइन बिछाने का कार्य कर दिया गया है तथा सीवेज ट्रीटमेंट प्लांट की ड्राइंग एंड डिजाइन का कार्य प्रगति पर है।
3. Package 3 (मध्य एवं दक्षिण पश्चिम): पैकेज 3 के अंतर्गत मेसर्स LC Infra Pvt. Ltd. को दिनांक 2 जनवरी 2025 को कार्यादेश जारी किया गया जिसके अंतर्गत एजेंसी को मध्य एवं दक्षिण पश्चिम क्षेत्र में कुल 393 किमी सीवर पाइप लाइन बिछाने का कार्य, 43357 घरों के कनेक्शन तथा 76 MLD के सीवेज ट्रीटमेंट प्लांट का निर्माण कार्य प्रस्तावित है तथा कार्य प्रगति पर है। वर्तमान में एजेंसी द्वारा 97 किमी सीवर लाइन बिछाने का कार्य पूर्ण कर लिया गया है तथा 4 सीवेज ट्रीटमेंट प्लांट का निर्माण कार्य प्रगति पर है।
4. Package 4 (नरेला): पैकेज 4 के अंतर्गत मेसर्स Enviro Infra Engineers Ltd. को दिनांक 21 नवम्बर 2025 को कार्यादेश जारी किया गया जिसके अंतर्गत एजेंसी को नरेला क्षेत्र में कुल 273 किमी सीवर पाइप लाइन बिछाने का कार्य, 40000 घरों के कनेक्शन तथा 60 MLD के सीवेज ट्रीटमेंट प्लांट का निर्माण कार्य प्रस्तावित है तथा कार्य प्रगति पर है। वर्तमान में एजेंसी द्वारा 1 किमी सीवर लाइन बिछाने का कार्य पूर्ण कर दिया गया है तथा सीवेज ट्रीटमेंट प्लांट की ड्राइंग एंड डिजाइन का कार्य प्रगति पर है। Annexure E

उपरोक्तानुसार अमृत 2.0 परियोजना में कुल 968 किमी सीवर लाइन बिछाने तथा 10 सीवेज ट्रीटमेंट प्लांट क्षमता 171 MLD का कार्य कराया जाना प्रस्तावित है। अमृत 2.0 परियोजना पूर्ण होने पर शहर में कुल 1718 किमी का सीवर लाइन नेटवर्क तथा 28 सीवेज ट्रीटमेंट प्लांट के माध्यम से कुल 375.50 MLD सीवेज का उपचार होगा तथा कुल 2,35,357 घरेलू सीवेज कनेक्शन सीवर नेटवर्क से जोड़ दिए जायेंगे जिससे भोपाल शहर का सीवर नेटवर्क कवरेज 73 प्रतिशत हो जायेगा। इसके साथ ही निगम के द्वारा सीवेज लाइन अथवा नाले, नालियों के अन्दर समीप बिछी हुई 525 किमी पाइप लाइन का चिन्हांकन कर लिया गया जिसको रिप्लेस करने में लगभग 377 करोड़ का व्यय संभावित है तथा इसकी कार्ययोजना तैयार कर राशी उपलब्ध करने हेतु राज्य शासन को पत्र प्रेषित कर दिया गया है।

  
Z.A. Khan  
Executive Engineer  
Municipal Corporation, Bhopal

  
T.C. PAITHA  
Executive Engineer  
Municipal Corporation, Bhopal

  
Assistant Engineer  
Water Works Department  
Municipal Corporation, Bhopal

  
Assistant Engineer  
Water Works Department  
Municipal Corporation, Bhopal

  
Assistant Engineer  
Water Works Department  
Municipal Corporation, Bhopal

<b>Water Treatment Plant List</b>			
<b>S. No.</b>	<b>Source</b>	<b>Name of WTP</b>	<b>Present Water Drawl (MLD)</b>
1	Upper Lake	Bairagarh 1	3
2	Upper Lake	Bairagarh 2 (Borvan)	8
3	Upper Lake	Biaragarh 3 (Behta)	10
4	Upper Lake	Bhauri	7.5
5	Upper Lake	Manuabhan Tekri	44
6	Upper Lake	Badal Mahal	1.5
7	Upper Lake	Idgah 01	9
8	Upper Lake	Idgah 02	5
9	Upper Lake	Shyamla Hills 01	4
10	Upper Lake	Shyamla Hills 02	1
11	Upper Lake	Vidhansabha	2
12	Kolar	Kolar WTP	160
13	Narmada	Narmada WTP	165
14	Kerwa	Kerwa Dam	20
		<b>Total</b>	<b>440</b>





**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : <b>WATER SAMPLE</b>		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	28.02.2026	WTL Receipt Date	28.02.2026
		Date of Analysis Started	28.02.2026	Date of analysis completed	01.03.2026
		Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	Badal Mahal , Water Treatment Plant 1 MGD (Filter water)	12
2.	Shyamla Hills Water Treatment Plant 2 MGD (Filter water)	13
3.	Shyamla Hills Water Treatment Plant 4.5 MGD (Filter water)	14

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	1	1	1
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	NIL	NIL
3	E coli or (TTC) per 100 ml	IS 1622			NIL	NIL	NIL

\* End of the report \*-

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2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal

Reviewed By  


Issue No. 176 /WTL/NN/BPL /2026 Issue Date 2/3/26



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
TEST REPORT**

ULR No.

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Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	28.02.2026	WTL Receipt Date	28.02.2026
	Date of Analysis Started	28.02.2026	Date of analysis completed	01.03.2026
	Environmental Conditions at the time of Testing : Temperature - 25.4° Humidity-55			

## Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	Bairagarh, Water Treatment Plant 3 MGD (Filter water)	15
2.	Bairagarh, Water Treatment Plant 2 MGD (Filter water)	16
3.	Bairagarh, Water Treatment Plant 1 MGD (Filter water)	17

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

## Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	BDL	BDL
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	Agr.	Agr.
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	Agr.	Agr.
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.65	7.69	7.55
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	28	28	28
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	112	112	112
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	32.8	32	32.8
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12	12.48	11.52
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	1.1	1.1
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	132	132	130
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	165	152	164

\* End of the report \*

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4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed By

Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 177 /WTL/NN/BPL /2026 Issue Date 2/3/26



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE	Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	28.02.2026	WTL Receipt Date	28.02.2026
	Date of Analysis Started	28.02.2026	Date of analysis completed	01.03.2026
	Environmental Conditions at the time of Testing : Temperature - 25.4° Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	Bairagarh, Water Treatment Plant 3 MGD (Filter water)	15
2.	Bairagarh, Water Treatment Plant 2 MGD (Filter water)	16
3.	Bairagarh, Water Treatment Plant 1 MGD (Filter water)	17

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	1	1	1
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	NIL	NIL
3	E coli or (TTC) per 100 ml	IS 1622			NIL	NIL	NIL

\* End of the report \*-

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Reviewed By

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 177 /WTL/NN/BPL /2026 Issue Date 2/3/26





**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : <b>WATER SAMPLE</b>	Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	28.02.2026	WTL Receipt Date	28.02.2026
	Date of Analysis Started	28.02.2026	Date of analysis completed	01.03.2026
	Environmental Conditions at the time of Testing : Temperature - 25.4° Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	Bhauri, Water Treatment Plant 10 MLD (Filter water)	18
2.	Manuabhan Tekri, Water Treatment Plant 50 MLD (Filter water)	19
3.	Igdah Hills, Water Treatment Plant 3 MGD (Filter water)	20

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	1	1	1
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	NIL	NIL
3	E coli or (TTC) per 100 ml	IS 1622			NIL	NIL	NIL

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
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*(Signature)*

Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
नगर निगम भापाए

Retrieved By *(Signature)*

Issue No. 178 /WTL/NN/BPL /2026 Issue Date 2/3/26



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
TEST REPORT**

ULR No. \_\_\_\_\_

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	28.02.2026	WTL Receipt Date
	Date of Analysis Started	28.02.2026	Date of analysis completed
	Environmental Conditions at the time of Testing : Temperature - 25.4° Humidity-55		

## Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	Idgah Hills, Water Treatment Plant 2 MGD (Filter water)	21
2.	Kolar Water Treatment Plant 154 MLD (Filter water)	78
3.	Kerwa Water Treatment Plant 29 MLD (Filter water)	79

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

## Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit (4)	Permissible Limit (5)	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	BDL	BDL
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	Agr.	Agr.
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	Agr.	Agr.
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.81	7.65	7.5
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	28	21	28
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	110	112	116
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	32	29.2	32.8
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12.48	10.5	11.52
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	BDL	1.0
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	132	123	130
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	174	142	144

\* End of the report \*

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- This report should not be produced partly or full without approval of signatory authority for legal purposes
- "BDL" stands for Below Detectable limit.

Reviewed By \_\_\_\_\_

Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
नगर निगम भोपाल

Issue No. 179 /WTL/NN/BPL /2026 Issue Date 2/3/26



**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**

TEST REPORT

Nature of Sample : <b>WATER SAMPLE</b>	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	28.02.2026	WTL Receipt Date
	Date of Analysis Started	28.02.2026	Date of analysis completed
	Environmental Conditions at the time of Testing : Temperature - 25.4° Humidity-55		28.02.2026

S.No.	Particular Of Sample	WTL Ref No
1.	Idgah Hills, Water Treatment Plant 2 MGD (Filter water)	21
2.	Kolar Water Treatment Plant 154 MLD (Filter water)	78
3.	Kerwa Water Treatment Plant 29 MLD (Filter water)	79

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	1	1	1
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	NIL	NIL
3	E coli or (TTC) per 100 ml	IS 1622			NIL	NIL	NIL

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 6 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

*(Signature)*

Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
**नगर निगम भोपाल**

Reviewed By  
*(Signature)*

Issue No. 179 /WTL/NN/BPL /2026 Issue Date 2/3/26



**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**  
**TEST REPORT**

ULR No.

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Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	28.02.2026	WTL Receipt Date
	Date of Analysis Started	28.02.2026	Date of analysis completed
	Environmental Conditions at the time of Testing : Temperature - 25.4° Humidity-55		

## Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	Khatpura , Narmada Pariyojana Water Treatment Plant , 185 MLD (Filter water)	80
2.	Arera Hills Water Treatment Plant , 5 MGD (Filter water)	81
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

## Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	BDL	
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	Agr.	
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	Agr.	
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.61	7.30	
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	20	24	
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	114	118	
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	26	28	
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	11.13	11.34	
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	BDL	
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	118	124	
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	132	143	

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
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4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed By

Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal

Issue No. 180 /WTL/NN/BPL /2026 Issue Date 2/3/26



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**


Nature of Sample : <b>WATER SAMPLE</b>	Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	28.02.2026	WTL Receipt Date	28.02.2026
	Date of Analysis Started	28.02.2026	Date of analysis completed	01.03.2026
	Environmental Conditions at the time of Testing : Temperature - 25.4 Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	Khatpura , Narmada Pariyojana Water Treatment Plant , 185 MLD (Filter water)	80
2.	Arera Hills Water Treatment Plant , 5 MGD (Filter water)	81
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	1.5	1	
2	Total coliform per 100 ml	APHA 24th edition, 9211 B			NIL	NIL	
3	E coli or (TTC) per 100 ml	IS 1622	NIL for treated water and water in distribution system.		NIL	NIL	

\* End of the report \*-

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 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

  
 Reviewed By

Issue No. 180 /WTL/NN/BPL /2026 Issue Date 2/3/26



## Water Testing Laboratory, 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No.

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Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	27.02.2026	WTL Receipt Date
	Date of Analysis Started	27.02.2026	Date of analysis completed
Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	T.T. Nagar Stadium , T.T. Nagar (WATER SAMPLE)	54
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit (4)	Permissible Limit (5)	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL		
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.		
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.		
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.95		
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	18		
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	110		
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	28		
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12.48		
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL		
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	122		
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	134		

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed By

In-charge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal

 Issue No . 169 /WTL/NN/BPL /2026 Issue Date 28/2/26



**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	27.02.2026	WTL Receipt Date	27.02.2026
		Date of Analysis Started	27.02.2026	Date of analysis completed	28.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	T.T. Nagar Stadium , T.T. Nagar (WATER SAMPLE)	54
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5		
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL		
3	E coli or (TTC) per 100 ml	IS 1622			NIL		

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed By 

Issue No. 169 /WTL/NN/BPL /2026 Issue Date 28/2/26

  
Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
नगर निगम मापाल



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	28.02.2026	WTL Receipt Date
	Date of Analysis Started	28.02.2026	Date of analysis completed
	Environmental Conditions at the time of Testing : Temperature - 25.4°C		Humidity-54

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.M-62 MALVIYA NAGAR (WATER SAMPLE)	81
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.84	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	19	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	114	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	32	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12.96	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	134	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	139	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed By

Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 181 /WTL/NN/BPL /2026 Issue Date 2/3/26



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**


Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	28.02.2026	WTL Receipt Date	28.02.2026
		Date of Analysis Started	28.02.2026	Date of analysis completed	01.03.2026
		Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-54			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.M-62 MALVIYA NAGAR (WATER SAMPLE)	81
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal

Reviewed By 

Issue No. 181 /WTL/NN/BPL /2026 Issue Date 2/3/26



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
	Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.6°C		Humidity-55	

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.141 J.P NAGAR (WATER SAMPLE)	13
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.79	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	19	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	112	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	30.4	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	13.44	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	1.0	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	132	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	138	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed by

Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
**नगर निगम भोपाल**

Issue No. 120 /WTL/NN/BPL /2026 Issue Date 21/2/26

Page No.1/2



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
		Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.141 J.P NAGAR (WATER SAMPLE)	13
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed by 

Issue No. 120 /WTL/NN/BPL /2026 Issue Date 21/2/26

  
Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
**नगर निगम मीपोल**



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No.

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Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
	Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.1276 ATAL AYUB NAGAR (WATER SAMPLE)	17
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.76	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	18	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	114	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	32	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	11.52	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	128	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	140	-	-

\* End of the report \* -

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3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed by

Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 121 /WTL/NN/BPL /2026 Issue Date 02/2/26



**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : <b>WATER SAMPLE</b>	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
	Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.1276 ATAL AYUB NAGAR (WATER SAMPLE)	17
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B			NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622	NIL for treated water and water in distribution system.		NIL	-	-

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed by

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 121 /WTL/NN/BPL /2026 Issue Date 21/2/26



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

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ULR No.

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
	Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.6°C			Humidity-55

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.12 NEW ARIF NAGAR (WATER SAMPLE)	18
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.92	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	19	-	-
6	Total Alkalinity as CaCO3 mg/l	IS 3025 Part 23: 2023	200	600	112	-	-
7	Calcium as Ca++ mg/l	IS 3025 Part 40: 2024	75	200	32	-	-
8	Magnesium as Mg++ mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	11.52	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO3 mg/l	IS 3025 Part 21: 2023	200	600	128	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	133	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed by

Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 122 /WTL/NN/BPL /2026 Issue Date 21/2/26



**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
		Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.12 NEW ARIF NAGAR (WATER SAMPLE)	18
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

*(Signature)*

Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
नगर निगम भोपाल

Reviewed by *(Signature)*

Issue No. 122 /WTL/NN/BPL /2026 Issue Date 21/2/26





**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : <b>WATER SAMPLE</b>	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
	Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.121 SHAKTI NAGAR (WATER SAMPLE)	19
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*-

- The results refer only to tested samples and parameters tested
- Samples will be stored for a period of 5 days from the date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
- This report should not be produced partly or full without approval of signatory authority for legal purposes
- "BDL" stands for Below Detectable limit.

Incharge

Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal

Reviewed by

Issue No. 123 /WTL/NN/BPL /2026 Issue Date 21/2/26





**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : <b>WATER SAMPLE</b>	Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
	Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
	Environmental Conditions at the time of Testing : Temperature - 24.5°C Humidity- 55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.4 DHULI CHAND KA BAGH (WATER SAMPLE)	8
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
**नगर निगम भोपाल**

  
 Reviewed by

Issue No. 124 /WTL/NN/BPL /2026 Issue Date 21/2/26



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No.

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Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
	Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
Environmental Conditions at the time of Testing : Temperature - 25.5°C Humidity-55				

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.40 FUTA MAKBARA (WATER SAMPLE)	9
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.84	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	19	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	112	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	31.2	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	128	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	132	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable Limit.

Reviewed by  
*bc*

*Devi*  
Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
नगर निगम भोपाल

Issue No. 125 /WTL/NN/BPL /2026 Issue Date 21/2/26



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	18.02.2026	WTL Receipt Date
	Date of Analysis Started	18.02.2026	Date of analysis completed
	Environmental Conditions at the time of Testing : Temperature - 24.5°C		Humidity- 55

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.40 FUTA MAKBARA (WATER SAMPLE)	9
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B			NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622	NIL for treated water and water in distribution system.		NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
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3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
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5. "BDL" stands for Below Detectable limit.

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
  
 नगर निगम भोपाल

  
 Reviewed by

Issue No. 125 /WTL/NN/BPL /2026 Issue Date 21/2/26





**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : <b>WATER SAMPLE</b>	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
	Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
	Environmental Conditions at the time of Testing : Temperature - 24.5°C		Humidity- 55	

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.110 EKTA NAGAR (WATER SAMPLE)	10
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B			NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622	NIL for treated water and water in distribution system.		NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
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 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal

  
 Reviewed by

Issue No. 126 /WTL/NN/BPL /2026 Issue Date 21/2/26



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. \_\_\_\_\_

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	18.02.2026	WTL Receipt Date
	Date of Analysis Started	18.02.2026	Date of analysis completed
	Environmental Conditions at the time of Testing : Temperature - 25.5°C		Humidity-55

Sample Details		WTL Ref No
S.No.	Particular Of Sample	
1.	H.NO.44 RISALDAR (Water Sample)	12
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.74	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	18	-	-
6	Total Alkalinity as CaCO3 mg/l	IS 3025 Part 23: 2023	200	600	112	-	-
7	Calcium as Ca++ mg/l	IS 3025 Part 40: 2024	75	200	32	-	-
8	Magnesium as Mg++ mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	11.52	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO3 mg/l	IS 3025 Part 21:2023	200	600	128	-	-
11	TDS mg/l	IS 3025 Part 16:2023	500	2000	139	-	-

\* End of the report \* -

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Reviewed by \_\_\_\_\_

Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal

Issue No. 127 /WTL/NN/BPL /2026 Issue Date 21/2/26

Page No.1/2



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	18.02.2026	WTL Receipt Date
	Date of Analysis Started	18.02.2026	Date of analysis completed
	Environmental Conditions at the time of Testing : Temperature - 24.5°C		Humidity- 55

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.44 RISALDAR (Water Sample)	12
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
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 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम मॉपील

Reviewed by

Issue No. 127 /WTL/NN/BPL /2026 Issue Date 21/2/26





**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
		Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.6 RAMBHA NAGAR (WATER SAMPLE)	14
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*-

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Reviewed by 

  
Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  


Issue No. 128 /WTL/NN/BPL /2026 Issue Date 21/2/26.



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

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ULR No.

Nature of Sample: WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
		Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.104 CHOUKSEY NAGAR (WATER SAMPLE)	15
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.80	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	17	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	112	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	31.2	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12.48	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	1.0	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	130	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	137	-	-

\* End of the report \* -

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4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed by

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 129 /WTL/NN/BPL /2026 Issue Date 21/2/26

Page No.1/2



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : <b>WATER SAMPLE</b>		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
		Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.104 CHOUKSEY NAGAR (WATER SAMPLE)	15
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*

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Reviewed by

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 129 /WTL/NN/BPL /2026 Issue Date 21/2/26



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No.

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Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
	Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.10 SANT KAWAR RAM NAGAR (WATER SAMPLE)	16
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.84	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	18	-	-
6	Total Alkalinity as CaCO3 mg/l	IS 3025 Part 23: 2023	200	600	114	-	-
7	Calcium as Ca++ mg/l	IS 3025 Part 40: 2024	75	200	30.4	-	-
8	Magnesium as Mg++ mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	13.44	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO3 mg/l	IS 3025 Part 21: 2023	200	600	132	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	141	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
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4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable Limit.

Reviewed by

Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 130 /WTL/NN/BPL /2026 Issue Date 21/2/26



**Water Testing Laboratory 5 MGD  
Nagari Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : <b>WATER SAMPLE</b>		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagari Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	18.02.2026	WTL Receipt Date	18.02.2026
		Date of Analysis Started	18.02.2026	Date of analysis completed	19.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.10 SANT KAWAR RAM NAGAR (WATER SAMPLE)	16
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
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4. This report should not be produced partly or full without approval of signatory authority for legal purposes
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Reviewed by

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagari Nigam, Arera Hills, Bhopal  
 नगर निगम मॉडल

Issue No. 130 /WTL/NN/BPL /2026 Issue Date 21/2/26.





**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	17.02.2026	WTL Receipt Date	17.02.2026
	Date of Analysis Started	17.02.2026	Date of analysis completed	18.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.160 FIRDOS NAGAR (WATER SAMPLE)	26
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*

1. The results refer only to tested samples and parameters tested
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4. This report should not be produced partly or :full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
नगर निगम मापिल

Reviewed by *DE*

Issue No. 133 /WTL/NN/BPL /2026 Issue Date 21/2/26



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	17.02.2026	WTL Receipt Date	17.02.2026
	Date of Analysis Started	17.02.2026	Date of analysis completed	18.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.24 KAJI CAMP (WATER SAMPLE)	28
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.83	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	17	-	-
6	Total Alkalinity as CaCO3 mg/l	IS 3025 Part 23: 2023	200	600	110	-	-
7	Calcium as Ca++ mg/l	IS 3025 Part 40: 2024	75	200	27.2	-	-
8	Magnesium as Mg++ mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	13.44	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO3 mg/l	IS 3025 Part 21: 2023	200	600	124	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	138	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed by

Issue No. 134 /WTL/NN/BPL /2026 Issue Date 21/2/26

Incharge  
 Water Testing Laboratory-5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
**नगर निगम भोपाल**



**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	17.02.2026	WTL Receipt Date	17.02.2026
		Date of Analysis Started	17.02.2026	Date of analysis completed	18.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.24 KAJI CAMP (WATER SAMPLE)	28
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.5	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or :full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

*(Signature)*  
Incharge

Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal

**नगर निगम भोपाल**

*(Signature)*  
Reviewed by

Issue No. 134 /WTL/NN/BPL /2026 Issue Date 21/2/26



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**  
TEST REPORT

ULR No.

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Nature of Sample: WATER SAMPLE		Format Number: WTL/NN/BPL/4.1				Format Issue Date- 22.08.2025			
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.		-		Sender's Letter Date		-	
		Sample collection date		25.02.2026		WTL Receipt Date		25.02.2026	
		Date of Analysis Started		25.02.2026		Date of analysis completed		26.02.2026	
Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55									

## Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.277 DEVKI NAGAR (WATER SAMPLE)	26
2.		
3.		

Field : Testing      Discipline : Chemical      Group : Water      Sub Group : Drinking water

## Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.90	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	25	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	110	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	32	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12.48	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21:2023	200	600	132	-	-
11	TDS mg/l	IS 3025 Part 16:2023	500	2000	162	-	-

\* End of the report \* -

- The results refer only to tested samples and parameters tested
- Samples will be stored for a period of 5 days from the date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
- This report should not be produced partly or full without approval of signatory authority for legal purposes
- "BDL" stands for Below Detectable limit.

Reviewed by

Issue No. 140 /WTL/NN/BPL /2026 Issue Date 26/2/26

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल



**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**  
**TEST REPORT**


Nature of Sample : <b>WATER SAMPLE</b>		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	25.02.2026	WTL Receipt Date	25.02.2026
		Date of Analysis Started	25.02.2026	Date of analysis completed	26.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.277 DEVKI NAGAR (WATER SAMPLE)	26
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B			NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622	NIL for treated water and water in distribution system.		NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

  
**Incharge**  
**Water Testing Laboratory 5 MGD**  
**Nagar Nigam, Arera Hills, Bhopal**  
**नगर निगम भोपाल**

  
**Reviewed by**

Issue No. 140 /WTL/NN/BPL /2026 Issue Date 26/2/26



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	27.02.2026	WTL Receipt Date
	Date of Analysis Started	27.02.2026	Date of analysis completed
	Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55		

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.80, CHANDAN NAGAR (WATER SAMPLE)	51
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.90	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	21	-	-
6	Total Alkalinity as CaCO3 mg/l	IS 3025 Part 23: 2023	200	600	112	-	-
7	Calcium as Ca++ mg/l	IS 3025 Part 40: 2024	75	200	32	-	-
8	Magnesium as Mg++ mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	1.2	-	-
10	Total Hardness as CaCO3 mg/l	IS 3025 Part 21: 2023	200	600	130	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	140	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed By

Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 166 /WTL/NN/BPL /2026 Issue Date 28/02/2026



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE	Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	27.02.2026	WTL Receipt Date	27.02.2026
	Date of Analysis Started	27.02.2026	Date of analysis completed	28.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.80, CHANDAN NAGAR (WATER SAMPLE)	51
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or :full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Reviewed By

Issue No. 166 /WTL/NN/BPL /2026 Issue Date 28/02/2026



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	27.02.2026	WTL Receipt Date
	Date of Analysis Started	27.02.2026	Date of analysis completed
	Environmental Conditions at the time of Testing : Temperature - 25.4°C		Humidity-55

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.12,LAXMI NAGAR (WATER SAMPLE)	52
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.96	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	22	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	113	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	32	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12.48	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21:2023	200	600	132	-	-
11	TDS mg/l	IS 3025 Part 16:2023	500	2000	142	-	-

\* End of the report \* -

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4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed By

Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Issue No. 167 /WTL/NN/BPL /2026 Issue Date 28/02/2026



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	27.02.2026	WTL Receipt Date	27.02.2026
		Date of Analysis Started	27.02.2026	Date of analysis completed	28.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.12,LAXMI NAGAR (WATER SAMPLE)	52
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Reviewed By 

Issue No. 167 /WTL/NN/BPL /2026 Issue Date 28/02/2026



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	27.02.2026	WTL Receipt Date	27.02.2026
	Date of Analysis Started	27.02.2026	Date of analysis completed	28.02.2026
	Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55			

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.76, PRATAP NAGAR (WATER SAMPLE)	53
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.90	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	22	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	110	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	32	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	130	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	140	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
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3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

Reviewed By

Incharge

Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
नगर निगम भोपाल

Issue No. 168 /WTL/NN/BPL /2026 Issue Date 28/02/2026



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	27.02.2026	WTL Receipt Date	27.02.2026
		Date of Analysis Started	27.02.2026	Date of analysis completed	28.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.76, PRATAP NAGAR (WATER SAMPLE)	53
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622			NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भोपाल

Reviewed By  


Issue No. 168 /WTL/NN/BPL /2026 Issue Date 28/02/2026



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025		
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date	-
	Sample collection date	01.03.2026	WTL Receipt Date	01.03.2026
	Date of Analysis Started	01.03.2026	Date of analysis completed	02.03.2026
Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55				

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.1407, KRISHNA NAGAR (WATER SAMPLE)	6
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.92	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	22	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	110	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	32	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	12.48	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	BDL	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	132	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	154	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

*bc*  
Reviewed By

*Jat*  
Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal

Issue No. 174 /WTL/NN/BPL /2026 Issue Date 02/03/2026



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	01.03.2026	WTL Receipt Date	01.03.2026
		Date of Analysis Started	01.03.2026	Date of analysis completed	02.03.2026
		Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.1407, KRISHNA NAGAR (WATER SAMPLE)	6
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B			NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622	NIL for treated water and water in distribution system.		NIL	-	-

\* End of the report \*-

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

  
 In-charge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal

Reviewed By  


Issue No. 174 /WTL/NN/BPL /2026 Issue Date 02/03/2026



## Water Testing Laboratory 5 MGD Nagar Nigam, Arera Hills, Bhopal

### TEST REPORT

ULR No. 

Nature of Sample: WATER SAMPLE	Format Number: WTL/NN/BPL/4.1	Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal	Sender's Letter No.	-	Sender's Letter Date
	Sample collection date	01.03.2026	WTL Receipt Date
	Date of Analysis Started	01.03.2026	Date of analysis completed
Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55			

#### Sample Details

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.24, DWARKA NAGAR (WATER SAMPLE)	5
2.		
3.		

Field : Testing

Discipline : Chemical

Group : Water

Sub Group : Drinking water

#### Result

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Colour in CU	IS 3025 Part 4: 2021	5	15	BDL	-	-
2	Taste	IS 3025 Part 8: 2023	Agreeable	Unagreeable	Agr.	-	-
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	-	-
4	pH Value at 25°C	IS 3025 Part 11: 2022	6.5 to 8.5	6.5 to 8.5	7.90	-	-
5	Chloride as Cl mg/l	IS 3025 Part 32: 2019	250	1000	23	-	-
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	IS 3025 Part 23: 2023	200	600	112	-	-
7	Calcium as Ca <sup>++</sup> mg/l	IS 3025 Part 40: 2024	75	200	31.2	-	-
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 24TH edition, 3500 Mg : 2023	30	100	13.44	-	-
9	Turbidity in NTU	IS 3025 Part 10: 2023	1	5	1.0	-	-
10	Total Hardness as CaCO <sub>3</sub> mg/l	IS 3025 Part 21: 2023	200	600	134	-	-
11	TDS mg/l	IS 3025 Part 16: 2023	500	2000	156	-	-

\* End of the report \* -

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

*[Signature]*  
Reviewed By

*[Signature]*  
Incharge  
Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal  
**नगर निगम मोगपाल**

Issue No. 175 /WTL/NN/BPL /2026 Issue Date 02/03/2026



**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	01.03.2026	WTL Receipt Date	01.03.2026
		Date of Analysis Started	01.03.2026	Date of analysis completed	02.03.2026
		Environmental Conditions at the time of Testing : Temperature - 25.4°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.NO.24, DWARKA NAGAR (WATER SAMPLE)	5
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2	-	-
2	Total coliform per 100 ml	APHA 24th edition, 9211 B			NIL	-	-
3	E coli or (TTC) per 100 ml	IS 1622	NIL for treated water and water in distribution system.		NIL	-	-

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

  
 Incharge  
 Water Testing Laboratory 5 MGD  
 Nagar Nigam, Arera Hills, Bhopal  
 नगर निगम भापाल

  
 Reviewed By

Issue No. 175 /WTL/NN/BPL /2026 Issue Date 02/03/2026





**Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal**

**TEST REPORT**

Nature of Sample : WATER SAMPLE		Format Number: WTL/NN/BPL/4.1		Format Issue Date- 22.08.2025	
Sender's Name and Address: Assistant Engineer Nagar Nigam Bhopal		Sender's Letter No.	-	Sender's Letter Date	-
		Sample collection date	27.02.2026	WTL Receipt Date	27.02.2026
		Date of Analysis Started	27.02.2026	Date of analysis completed	28.02.2026
		Environmental Conditions at the time of Testing : Temperature - 25.6°C Humidity-55			

S.No.	Particular Of Sample	WTL Ref No
1.	H.no 15 , Sarvoday Nagar , Barkheda Pathani. (WATER SAMPLE)	55
2.		
3.		

Sr. No.	Characteristics/Unit	Test Methods	IS-10500:2012 REAFFIRMED IN 2023		Results		
			Desirable Limit	Permissible Limit	1	2	3
(1)	(2)	(3)	(4)	(5)			
1	Free Residual Chlorine in ppm	IS 3025 Part 26	0.2	1	0.2		
2	Total coliform per 100 ml	APHA 24th edition, 9211 B	NIL for treated water and water in distribution system.		NIL		
3	E coli or (TTC) per 100 ml	IS 1622			NIL		

\* End of the report \*

1. The results refer only to tested samples and parameters tested
2. Samples will be stored for a period of 5 days from the date of issue of report.
3. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification
4. This report should not be produced partly or full without approval of signatory authority for legal purposes
5. "BDL" stands for Below Detectable limit.

*(Signature)*  
InCharge

Water Testing Laboratory 5 MGD  
Nagar Nigam, Arera Hills, Bhopal

नगर निगम भोपाल

Reviewed By *(Signature)*

Issue No. 170 /WTL/NN/BPL /2026 Issue Date 28/2/26

कॉल पिछप

पिता का नाम श्री अशोक

वाई = 07 जेन 02 का निवासी हूँ मेरा मोबाइल

नं० 7697182159 है

हैं अपने निवास पर

वजह निम्न भूपाल द्वारा दिये गये जल कनेक्शन  
के अतिरिक्त रूप से पथर उठाव, पथर मारने में

शुद्ध जल का उपयोग कर रहे हैं

मे इससे पूर्णतः अलग हूँ

*Liyulk*  
रक्षक उपयोगकर्ता

दिनांक

03/03/26

मैं सागर पिता का नाम श्री मनोज

वर्क - 07 जिन.क. 02 का निवासी हूँ, मेरा मोबाइल

नं० - 7999282204 है।

मैं अपने निवास पर

नगर- निगम शौचालय द्वारा दिये गये नल कनेक्शन से निम्नलिखित रूपसे पर्याप्त इकाय, पर्याप्त मात्रा में प्लंब अल का उपयोग कर रहा हूँ।

मैं इसके प्रति संतुष्ट हूँ।

Sagar 31/03/26  
एलायन उपभोक्ता

मे अमर मेहता पिता का नाम श्री राम लाल मेहता

ब नडि-०७ जोल क्र ०२ का निवासी हूँ, मेरा मोबाइल नं. 9993352306

हूँ। मे अपने निवास पर नगर निगम कोपाल द्वारा पिके अपे  
जल कनेक्शन के निपटित रूप के परपक्ष पबाव पर्याप्त  
मात्रा में शुद्ध जल का उपयोग कर रहा हूँ

मे इसके पूर्णतः संतुष्ट हूँ।

Amar Mehta 3/3/24  
दिल्ली/एन सीएम

श्री. अरुण  
 कार्ड - 07  
 मोबाइल नं० 934029  
 7689

पिता का नाम श्री. श्री. सुवर्ण  
 जन्म- 02 का निवासी है. मेरा  
 मे अपने- निवासी पर

नगर- निगम कोषाल द्वारा दिये गये नक  
 कलेक्शन से निगमित रूप से प्रयत्न इकाई,  
 पयलि मासमें, उक्त नक का उपयोग कर  
 रहा है।

मेरे इससे पूर्णतः संतुष्ट है।


~~सद~~ अरुण  
 एल.वा.ड. [उपभोग]

मैं मो जोड़ेब त्री मो. स्थान  
 वार्ड - 7 जोन क्र० 2 का निवासी  
 हूँ! मेरा मो. न० - 9302377493 है!

मैं अपने निवास पर

नगर निगम कोपाल द्वारा दिए गए नल  
 कनेक्शन से नियमित रूप से पथानि  
 त्वाव पथानि मात्रा में शुद्ध जल का  
 उपयोग कर रहा हूँ।

मैं इसे पूर्णतः संतुष्ट  
 हूँ!

 3/3/2026

हस्ताक्षर उपयोग

मैं श्री हनुमान खान पिता - अब्दुल रज्जाम खान  
 मोबा - 9893457416 हूँ। मैं आई क्र-21  
 जोन क्र-02 का निवासी हूँ।

मैं अपने निवास पर नगर निगम  
 से प्राप्त क्लॉक दिखे बगैरे जल कनेक्शन से  
 नियमित रूप से पर्याप्त देना, पर्याप्त मात्रा  
 में शुद्ध जल का उपयोग कर रहा हूँ।

मैं इसे पूर्णतः संतुष्ट हूँ।

हस्ताक्षर उपभोक्ता

हनीफ

3/3/26

मैं भगवानपति विश्वकर्मा निवासी मधुदेव मारी  
 रोड पीरगोट वार्ड 30 21 पिन 02 99  
 निवासी इ. मो. नं. 8871701875

मैं अपने निवास पर निम्न इलाक़े दिखे  
 गए जल के दवाव एवं शुद्ध पिय जल  
 से अक्षय इ। एवं इसका आवश्यकतापूरता  
 उपयुक्त है।

मैं अपने यहाँ पर इ।

जयशंकर  
 3/3/26

मे श्री सीदिक खान

मो. नं. - 9300194201 हे मे वार्ड क्र. 21

जो नं. 02 का निवासी हूँ।

मे अपने निवास पर नगर निगम भोपाल  
द्वारा देये गये नम कनकशन से  
निम्नलिखित रूप से पर्याप्त खर्च पर्याप्त मात्रा  
मे श्रद्धेय काम का उपयोग कर रहे हूँ।

मे इससे पूर्ण संतुष्ट हूँ।

इसका मेरे उपरोक्त

Siddik  
3/3/26

से अविवाह

पिता का नाम श्री अविधनयाम बाथम  
 वडि -- 21 जेत - 02 का विवाह हे मेश

मोबाइल नं. 851701 8501 हे

मे अपने विवाह पर  
 नगर निगम शोपालक करा दिये गये नल कलेक्शन से  
 नियमित रूप से प्रचलित इकाव पर्यन्त मात्र में शुद्ध जल  
 का उपयोग कर रहा हूँ।

मे इससे पूर्वतः संतुष्ट हूँ -)

Ravi 3/03/2026

हस्ताक्षर उपरोक्त

## जानकारी पत्र

मैं महेश कुमार पिता का नाम श्री लीकरेश्वर

वार्ड-10 जौन-कूट का निवासी हूँ मेरे भोवदार हूँ

मे अपने निवास पर नगर निगम औपाल द्वारा 82696493  
 विये वामे नल कनेक्शन से नियामत रूप से  
 प्रमात दवाब, पर्याप्त मात्रा मे शुद्ध जल का  
 उपयोग कर रहा हूँ। 64.

मैं इसमे पूर्णतः संतुष्ट हूँ।

हरनाथर अग्रवाल

महेश कुमार

में सुदामा बरार पिता का नाम राजेश्वर राम बरार

वार्ड -10 जोन-क-02 का निवासी हूँ मेरा मोबाइल नं- 9300 8 128606 में अपने निवास पर नगर सिगम कोपाल द्वारा दिये गए जल कनेक्शन से नियमित रूप से व्यक्तिगत, व्यक्ति मात्रा में शुद्ध जल का उपयोग कर रहा हूँ।

में इससे पूर्णतः संतुष्ट हूँ।

सुदामा

~~एलाहाबाद उपमहानगर~~  
349147/

3-3-2026

मैं शकेश चावरीया पिता का नाम श्री कमल चावरीया  
 वार्ड - 10 जोन 02 का निवासी हूँ मेरा मोबाइल  
 नं. 9131084047 है।

मैं अपने निवास पर नगर निगम

मोबाइल द्वारा दिये गये तल कनेक्शन में नियमित रूप से  
 दर्याप्त इवाव ( दर्याप्त मात्रा में शुद्ध तल का उपयोग  
 कर रहा हूँ

मैं इससे पूर्णतः संतुष्ट हूँ

शकेश चावरीया

दर-ताइर उपभोक्ता

अरेश मोटवाणी जा नववासी पत्र

मे. पिता का नाम सन्तुमने  
 वार्ड-10 जोन-अ-02 का निवासी हूँ मेरा  
 मोबाइल नं. मे. अपने निवास पर

नगर निगम मोयाल देवाटा दिये गये नल कनेक्शन  
 से निचामित रूप से पर्याप्त देवाब पर्याप्त  
 मात्रा में शुद्ध जल का उपयोग कर रहा हूँ

मे इसके पूर्णतः सन्तुष्ट हूँ।

दस्तावेज उपभोक्ता

9827367334

अरेश मोटवाणी

\* \*

मे ७२०१

पिता का नाम श्री शंकरलाल लालवानी

वाड - 10 जैन. क्र 02 का निवासि हूँ मेर मेवाड़ हूँ

मे अपने निवास पर नगर निगम कीद्वारा  
 दिये गये जल कनेक्शन के निपटित खर्च के  
 प्रकल्प द्वारा, पर्याप्त मात्रा में शुद्ध जल का  
 उपयोग कर रहा हूँ।

मे श्रेष्ठे पूर्णतः संतुष्ट हूँ।

Jyoti

हस्ताक्षर उपभोक्ता

920226364



①

हमारे यहां श्रद्ध पीने का पानी  
आता है

नाम - सोनु विश्वकर्मा

छ पता - 220 यादव पुरा ओपान

मो. नं. : = 8871149920

हस्ताक्षर

~~सोनु~~

दिनांक 3/3/206

A. E. Gowrav Parmar ji

ZONE - 7

Ward - 34

हमारे घर घर निगम के  
द्वारा वित्तीय नियमित रूप  
से व्ययित्व तथा से पर्याप्त  
मात्रा में शुद्ध वेचन प्रदाय  
किया जा रहा है

नाम : मनोहर रेकरवार

पता : राज अखन रेकरवार के पुत्र, मनोहर  
पुराना विधान सभा भवन  
मो. नं० 7974330356

A. E. Gowrav Parmar Ji

ZONE - 7

Ward - 34

3  
 हमारे घर पर निगम के द्वारा  
 प्रतिदिन नियमित रूप से पर्याप्त  
 पक्काव से पर्याप्त मात्रा में  
 शुद्ध पेयजल प्रदाय किया  
 जा रहा है

नाम : दिलीप कुमार राही  
 कुमार

पता : सैफ & स+ कुमारपुरा 165  
 पुरानी विधानसभा

mobile :- 9301217748

  
 signature

A.E. Gourav Parmar ji

zone - 7

ward - 34

(4)

कुम्हारे घट पर निमग्न के द्वारा प्रतिदिन  
नियमित रूप से प्राप्त दान से  
पुस्तक मात्रा में शुद्ध मथल प्रदाय  
किया जा रहा है

993 - पता यादपुरा 31 नर  
9303743645

Amal

A.F. Gouzav Parmar ji

Zone - 7

Ward - 34

हमारे घर पर निगम के द्वारा प्रतिक्रिया नियमित रूप से पर्याप्त दबाव से पर्याप्त मात्रा में शुद्ध पेयजल प्रदाय किया जा रहा है

नाम = गणेश नामदे

पता 734 कुम्हूरपुरा सोपका 117

मो 8770037103

A.F. . Gourav Parmar ji

ZONE . 7

ward - 34

Details of AMRUT 1.0						
Name of STP	Pumping Station	Ward	Current Flow in MLD	Capacity in MLD	HSC in AMRUT 1.0	Population
Bansal	Ex-Manisha Market	51 (50%)			500	2500
	Ex Bansal STP	28 (30%), 30 (80%), 48 (50%), 51 (10%)	6.94	9.50	7865	39325
Sankhedi	Sankhedi STP	51 (40%), 52.80, 81.82, 83.84, 48 (40%)	21	32.00	28782	143910
Makshi	Makshi STP	53.85, 54.55	11.68	20.50	13660	68300
	Ex-Shirin STP					
Shirin	Ex Garam gaddha	10 (5%), 8 (10%), 9 (30%)	3.9	5	720	3600
	Ahmednabad	7 (40%)			200	1000
Professor	Ex-Professor Colony	24 (10%)	1.31	2.00	2200	11000
	Professor Colony	34 (40%)			6939	34695
Maholi	Maholi STP	74, 65				
	Yadgar	21, 20, 23, 35, 34 (5%), 19, 22 (40%), 42	18.7	35.00	5260	26300
Neelbad	Ex-Kolua Pump House	37, 38, 71			2650	13250
	Neelbad STP	26 (80%)	4	6.00	1503	7515
Jamunia	Suraj Nagar IPS	26 (20%)	2.8	3.50	500	2500
	Jamunia STP	3 (80%)	3.20	4.50	2486	12430
Char Imli	Char Imli	46 (40%)			2200	11000
	<b>Total</b>		<b>73.53</b>	<b>118.0</b>	<b>82179</b>	<b>410695</b>

### Details of Sewerage Coverage in BMC

Scheme	Wards Coverage	Existing STP Based on SBR/OP	Proposed	Remark
1	<p><b>Package-1 (Huzur)</b> 1,2,3,4,5,6,7,8, 9(30%), 10(25%),13 (50%), 51(40%),52,80,81,82,83,84,48(40%), 53,85,55</p>	<p>Shirin-5 MLD Jamunia-3.5 MLD Bachwai-16.67 MLD Gondipura-2.34 MLD Makshi-20.5 MLD Sankbedi-32 MLD</p>	5 MLD	
2	<p><b>Package-2 (Govindpura)</b> 60,62,63,54, 58 (35%),59 (98%),57,56,61, 64,66,67,68, 40(50%), 41(50%),44(50%), 74,65,21,20,23,35,34(5%),19,22(40%),42,38(50%),71 (50%)</p>	<p>Maholi-35 MLD Bhel 4.0 MLD Barkheda-2.5 MLD Maholi Old-25 MLD</p>	30 MLD	
3	<p><b>Package-4 (Narela)</b> 73(80%),77,78,79(45%),76,75(15%),38(50%),39,40(50%),41(50%),44(50%),69,70(30%),71(50%), 36,37,73(20%), 58 (65%), 59(2%) (Semra area will flow will discharge in Maholi dhankheda)</p>	Nil	60 MLD	55.50 MLD Treatment Capacity Gap
4	<p><b>Package-3 (Madhya &amp; Dakshin Paschim)</b> 22(60%),24,25,32,43,33,45,49,50,48, 31,28,30,47, 27,29, 51,52,80,81,82,83,84,53,54,55,85, 34(40%),26,46</p>	<p>Bansal-9.5 MLD Professor-2 MLD Neelbad-6 MLD Char Inlit-4.5 MLD Ekant Park-8 MLD Kotra-10 MLD TT Nagar-6 MLD Bawadiya Kalan-13 MLD</p>	76 MLD	
5	<p><b>Next Phase</b> 6(30%),9(70%),10 (85%),11,12,13(50%),14,15,16,17,18,34(0.55),75(65%),72(83%), 79(45%), 72 (17%), 75(20%),79(10%)</p>			
<b>Total</b>		<b>204.50MLD</b>	<b>171MLD</b>	<b>55.50 MLD</b>

## Details of Sewerage Coverage in BMC

Sno.	Scheme	Existing STP Based on SBR	Oxidation Pond Based	Proposed	Location (AMRUT 2.0)	Gap	Existing Network	Proposed Network	Gap in Network	Existing HSC	Proposed HSC	Gap in HSC
1	Package-1 (Huzar)	Shirin-5 MLD Jananina-3.5 MLD Makshi-20.5 MLD Sankhedi-32 MLD	Badwai-16.67 MLD Gondipura-2.34 MLD	05	Sansardha	23 MLD	300	161	60	46500	20000	17000
2	Package-2 (Govindpura)	Mahoji-35 MLD Bhel-4.5 MLD	Barkheda-2.5 MLD Maholi Old-2.5 MLD	30 MLD	Archevi and khajuri kalan	32.5 MLD	70	140	500	15500	18000	63000
3	Package-4 (Narela)	Nil	Nil	60 MLD	Bhanpur	Nil	0	273	110	5500	40000	17000
4	Package-3 (Madhya-Dakshin Paschim)	Bansal-9.5 MLD Professor-2 MLD Neelbad-6 MLD Char Inli-4.5 MLD	Ekant Park-8 MLD Kora-10 MLD TT Nagar-6 MLD Bawadiya Kalan-13 MLD	76 MLD	Char Inli Main Mandir Bawadiya kalan Kotri Ekant Park Banganga	No Gap	200	393	0	35700	43357	0
<b>Total</b>		<b>122.50 MLD</b>	<b>82.50 MLD</b>	<b>171 MLD</b>		<b>55.5 MLD</b>	<b>750 KM</b>	<b>968 KM</b>	<b>670 KM</b>	<b>114996</b>	<b>125357</b>	<b>190000</b>



100

## कार्यालय नगर पालिक निगम भोपाल

(सीवेज प्रकोष्ठ)

142

क. 392/सी.प्रको./न.नि.भो./2025

भोपाल दिनांक 20/11/25

// कार्यादेश //

प्रति,

मेसर्स एस.के.सी. टेक्नोकॉन्स्ट्रक्शन् प्रा.लि.  
डी-474 गोविंदपुरम गाजियाबाद उ.प्र.

विषय :- Survey, Design, Construction and commissioning of Sewerage network in 161.37 Km of in West-South of Bhopal Municipal area including construction of sewage treatment plants and intermediate pumping stations including under package 1

- संदर्भ :-1. ऑनलाईन निविदा क. 2024\_UAD\_394330\_2 दिनांक 17.06.2025।  
2. राज्य स्तरीय तकनीकी समिति की बैठक क. 61वीं दिनांक 28.08.2025।  
3. मान् मेयर इन काउंसिल संकल्प क्रमांक 12 दिनांक 18.09.2025।  
4. इस कार्यालय द्वारा जारी एल.ओ.ए. क. 322 दिनांक 28/10/2025।

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उपरोक्त संदर्भित विषयांतर्गत लेख है कि भारत सरकार की अमृत -2 योजनांतर्गत पैकेज -1 के तहत भोपाल शहर की सीवेज समस्या के निराकरण हेतु सीवेज ट्रीटमेंट प्लांटों का निर्माण, सीवेज पंप हाउसों का निर्माण, सीवेज नेटवर्क बिछाये जाने एवं हाउस सर्विस कनेक्शन व संचालन एवं संधारण कार्य हेतु आपके द्वारा दी गई न्यूनतम दर की स्वीकृति पश्चात् दिनांक 19/11/2025 को अनुबंध संपादित किया जा चुका है एवं कार्य करने हेतु अनुबंध दिनांक से आपकी समयावधि प्रारंभ हो गई है, कार्य पूर्ण करने की समयावधि तीन वर्ष है।

अतः अनुबंध की शर्तानुसार कार्य शीघ्र प्रारंभ करें।

कार्य का विवरण निम्नानुसार है :-

1.	निविदा की लागत	-	13051.53 करोड़ (जी.एस.टी. रहित)
2.	निविदाकार द्वारा प्रस्तुत दर	-	(2.82% अधिक) राशि रूपये 1,34,19,11,433/- (जी.एस.टी. रहित)
		-	18% जी.एस.टी. राशि - 24,15,44,057/-
3.	कार्य की लागत	-	1,58,34,55,490/- (जी.एस.टी. सहित)
4.	अनुबंध संपादित दिनांक	-	19/11/2025
5.	कार्य की समयावधि	-	03 वर्ष (वर्षा ऋतु सहित)
6.	संचालन एवं संधारण कार्य	-	05 वर्ष (वर्षा ऋतु सहित)

अधीक्षण यंत्रो  
नगर निगम भोपाल  
नगर निगम भोपाल

भोपाल दिनांक .....

पृ. क. .... /सी.प्रको./न.नि.भो./2025

प्रतिलिपि :-

- माननीय महापौर महोदया नगर निगम भोपाल की ओर निज सचिव के माध्यम से सूचनार्थ।
- आयुक्त नगर निगम भोपाल की ओर निज सचिव के माध्यम से सूचनार्थ।
- अपर आयुक्त सीवेज विभाग नगर निगम भोपाल की ओर सूचनार्थ।

अधीक्षण यंत्रो  
नगर निगम भोपाल  
नगर निगम भोपाल



कार्यालय नगर पालिक निगम भोपाल  
(सीवेज प्रकोष्ठ)

क. 394 / सी.प्रको. / न.नि.भो. / 2025

भोपाल दिनांक 21/11/25

// कार्यादेश //

प्रति,

मेसर्स जयवरुडी इन्फ्राकॉन प्रा.लि.  
210, सेकेण्ड फ्लोर सुंदरम आर्केड ओपोजिट  
सुकन मॉल साईंस सिटी रोड सोला अहमदाबाद

विषय :- Survey, Design, Construction and commissioning of Sewerage network in 140.18 Km of in East of Bhopal Municipal area including construction of sewage treatment plants and intermediate pumping stations including under package 2

- संदर्भ :- 1. ऑनलाईन निविदा क. 2024\_UAD\_394207\_2 दिनांक 17.06.2025।  
2. राज्य स्तरीय तकनीकी समिति की बैठक क. 61वीं दिनांक 28.08.2025।  
3. मान् मेयर इन काउंसिल संकल्प क्रमांक 13 दिनांक 18.09.2025।  
4. इस कार्यालय द्वारा जारी एल.ओ.ए. क. 326 दिनांक 28/10/2025।

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उपरोक्त संदर्भित विषयांतर्गत लेख है कि भारत सरकार की अमृत -2 योजनांतर्गत पैकेज -2 के तहत भोपाल शहर की सीवेज समस्या के निराकरण हेतु सीवेज ट्रीटमेंट प्लांटों का निर्माण, सीवेज पंप हाउसों का निर्माण, सीवेज नेटवर्क बिछाये जाने एवं हाउस सर्विस कनेक्शन व संचालन एवं संधारण कार्य हेतु आपके द्वारा दी गई न्यूनतम दर की स्वीकृति पश्चात् दिनांक 19/11/2025 को अनुबंध संपादित किया जा चुका है एवं कार्य करने हेतु अनुबंध दिनांक से आपकी समयावधि प्रारंभ हो गई है, कार्य पूर्ण करने की समयावधि तीन वर्ष है।

अतः अनुबंध की शर्तानुसार कार्य शीघ्र प्रारंभ करें।

कार्य का विवरण निम्नानुसार है :-

1.	निविदा की लागत	-	16271.69 करोड़ (जी.एस.टी. रहित)
2.	निविदाकार द्वारा प्रस्तुत दर	-	(1.25% कम) राशि रुपये 1,60,68,30,100/- (जी.एस.टी. रहित) 18% जी.एस.टी. राशि - 28,92,29,418/-
3.	कार्य की लागत	-	1,89,60,59,518/- (जी.एस.टी. सहित)
4.	अनुबंध संपादित दिनांक	-	19/11/2025
5.	कार्य की समयावधि	-	03 वर्ष (वर्षा ऋतु सहित)
6.	संचालन एवं संधारण कार्य	-	05 वर्ष (वर्षा ऋतु सहित)

अधीक्षण यंत्री  
सीवेज प्रकोष्ठ  
नगर निगम भोपाल

पृ. क. .... / सी.प्रको. / न.नि.भो. / 2025

भोपाल दिनांक .....

प्रतिलिपि :-

- माननीय महापौर महोदया नगर निगम भोपाल की ओर निज सचिव के माध्यम से सूचनार्थ।
- आयुक्त नगर निगम भोपाल की ओर निज सचिव के माध्यम से सूचनार्थ।
- अपर आयुक्त (सीवेज) विभाग नगर निगम भोपाल की ओर सूचनार्थ।

अधीक्षण यंत्री  
सीवेज प्रकोष्ठ  
नगर निगम भोपाल



(सीवेज प्रकोष्ठ)

क. ३६०.५ / सी.प्रको. / न.नि.भो. / 2025

भोपाल दिनांक ०२/०१/२०२५

// कार्यादेश //

प्रति,

मेसर्स एल.सी. इन्फ्रा प्रोजेक्ट प्रा.लि.

409-410, 401 इक्कोन एलिगेंस

जैन मंदिर के पास

प्रहलाद नगर ए.सी. हाईवे, अहदामाद

विषय :- Survey, Soil Investigation, Design, Construction and commissioning of Sewerage Network in Bhopal Municipal Area including O&amp;M for 5 years under Package - 3

संदर्भ :- 1. ऑनलाईन निविदा क. 2024\_UAD\_360545\_1 दिनांक 29.07.2024।

2. राज्य स्तरीय तकनीकी समिति की बैठक क. 48 दिनांक 16.11.2024।

3. मान् मेयर इन काउंसिल संकल्प क्रमांक 03 दिनांक 06.12.2024।

4. इस कार्यालय द्वारा जारी एल.ओ.ए. क. 250 दिनांक 16/12/2024।

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उपरोक्त संदर्भित विषयांतर्गत लेख है कि भारत सरकार की अमृत -2 योजनांतर्गत भोपाल शहर की सीवेज समस्या के निराकरण हेतु सीवेज ट्रीटमेंट प्लांटों का निर्माण, सीवेज पंप हाउसों का निर्माण, सीवेज नेटवर्क बिछाये जाने एवं हाउस सर्विस कनेक्शन व पांच वर्षों तक संचालन एवं संधारण कार्य हेतु आपके द्वारा दी गई न्यूनतम दर की स्वीकृति पश्चात् दिनांक 01/01/2025 को अनुबंध संपादित किया जा चुका है एवं कार्य करने हेतु अनुबंध दिनांक से आपकी समयावधि प्रारंभ हो गई है, कार्य पूर्ण करने की समयावधि तीन वर्ष है।

अतः अनुबंध की शर्तानुसार कार्य शीघ्र प्रारंभ करें।

कार्य का विवरण निम्नानुसार है :-

1. कार्य की लागत	-	4,72,32,06,544 /- (जी.एस.टी. सहित)
2. अनुबंध संपादित दिनांक	-	01/01/2025
3. कार्य की समयावधि	-	03 वर्ष (वर्षा ऋतु सहित)
4. संचालन एवं संधारण कार्य	-	05 वर्ष (वर्षा ऋतु सहित)

अधीक्षण यंत्री  
सीवेज प्रकोष्ठ  
नगर निगम भोपाल

पृ. क. .... / सी.प्रको. / न.नि.भो. / 2025

भोपाल दिनांक .....

प्रतिलिपि :-

- माननीय महापौर महोदया नगर निगम भोपाल की ओर निज सचिव के माध्यम से सूचनार्थ।
- आयुक्त नगर निगम भोपाल की ओर निज सचिव के माध्यम से सूचनार्थ।
- अपर आयुक्त सीवेज विभाग नगर निगम भोपाल की ओर सूचनार्थ।

अधीक्षण यंत्री  
सीवेज प्रकोष्ठ  
नगर निगम भोपाल



# 103

## कार्यालय नगर पालिक निगम भोपाल

### (सीवेज प्रकोष्ठ)

भोपाल दिनांक 21.11.25

क. 396 / सी.प्रको. / न.नि.भो. / 2025

// कार्यादेश //

प्रति,

मेसर्स इन्वायरो इन्फ्रा इंजीनियर्स लिमिटेड  
201 सेकेण्ड फ्लोर आर.जी. मेट्रो आर्कड  
सेक्टर 11 रोहिनी दिल्ली  
पिन - 110085 दूरभाष नंबर - 01140591549

विषय :- Survey, Design, Construction and commissioning of Sewerage network in 273.369 Km of in North-East of Bhopal Municipal area including construction of sewage treatment plants and intermediate pumping stations including under package 4

- संदर्भ :- 1. ऑनलाईन निविदा क. 2024\_UAD\_394162\_2 दिनांक 18.06.2025।  
2. राज्य स्तरीय तकनीकी समिति की बैठक क. 61वीं दिनांक 28.08.2025।  
3. मान मेयर इन काउंसिल संकल्प क्रमांक 14 दिनांक 18.09.2025।  
4. इस कार्यालय द्वारा जारी एल.ओ.ए. क. 324 दिनांक 28/10/2025।

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उपरोक्त संदर्भित विषयांतर्गत लेख है कि भारत सरकार की अमृत -2 योजनांतर्गत पैकेज -4 के तहत भोपाल शहर की सीवेज समस्या के निराकरण हेतु सीवेज ट्रीटमेंट प्लांटों का निर्माण, सीवेज पंप हाउसों का निर्माण, सीवेज नेटवर्क बिछाये जाने एवं हाउस सर्विस कनेक्शन व संचालन एवं संधारण कार्य हेतु आपके द्वारा दी गई न्यूनतम दर की स्वीकृति पश्चात् दिनांक 19/11/2025 को अनुबंध संपादित किया जा चुका है एवं कार्य करने हेतु अनुबंध दिनांक से आपकी समयावधि प्रारंभ हो गई है, कार्य पूर्ण करने की समयावधि तीन वर्ष है।

अतः अनुबंध की शर्तानुसार कार्य शीघ्र प्रारंभ करें।

कार्य का विवरण निम्नानुसार है :-

1.	निविदा की लागत	-	25535.15 करोड़ (जी.एस.टी. रहित)
2.	निविदाकार द्वारा प्रस्तुत दर	-	(2.69% कम) राशि रु. 2,48,48,95,720 / - (जी.एस.टी. रहित)
3.	कार्य की लागत	-	18% जी.एस.टी. राशि - 44,72,81,229 / -
4.	अनुबंध संपादित दिनांक	-	2,93,21,76,949 / - (जी.एस.टी. सहित)
5.	कार्य की समयावधि	-	19/11/2025
6.	संचालन एवं संधारण कार्य	-	03 वर्ष (वर्षा ऋतु सहित)
		-	05 वर्ष (वर्षा ऋतु सहित)

अधीक्षण यंत्री  
सीवेज प्रकोष्ठ  
नगर निगम भोपाल

पृ. क. .... / सी.प्रको. / न.नि.भो. / 2025

भोपाल दिनांक .....

प्रतिलिपि :-

- माननीय महापौर महोदया नगर निगम भोपाल की ओर निज सचिव के माध्यम से सूचनार्थ।
- आयुक्त नगर निगम भोपाल की ओर निज सचिव के माध्यम से सूचनार्थ।
- अपर आयुक्त (सीवेज) विभाग नगर निगम भोपाल की ओर सूचनार्थ।

अधीक्षण यंत्री  
सीवेज प्रकोष्ठ  
नगर निगम भोपाल

## Daily Progress Report Package: 01

Date:05/03/2026

Contractor: - M/s SKC Technocrat Pvt. Ltd.  
Project Cost- Rs.158.34 Cr. (Inc GST)  
Project Duration: 36 months  
Work Order Date: 21-11-2025

Physical Progress: 6.1%  
Financial Progress: 0.00%

S.No	Component	Scope	Approved Drawing	Last Progress	Progress Till Date	REMARKS
1.	Sewerage network	161.37km	PDMC recommended 16.5 km Lalghati zone on date 15/01/2026 PDMC recommended 74 km Rapadiya, Deepdi & katara zone on date 30/01/2026	15.33 km.	16.06 km	All pipe laying 200 mm Dai at Indus town 1,2,3, Natraj Society and Anuja Village.
2.	Manhole Chamber	5284 Nos	Typical drawing forwarded to PDMC by BMC on 16/01/2026	360 nos	422 nos	Precast Manhole cast the location of Indus town 1,2,3, Natraj society and Anuja Village.
3.	IC chamber	10568 Nos	Typical drawing forwarded to PDMC by BMC on 16/01/2026	50 nos	59 nos	Typical drawing of MH is under review at PDMC.
4.	HSC Connection	20000 Nos	Desing & Drawing pending in contractor side.	0 nos	0 nos	Work order completed on 21/11/2025 and work is yet to begin.
5.	Road Restoration.	0 km	Desing & Drawing pending in contractor side.	323 meters	428 meters	
6.	IPS	5 nos	Desing & Drawing pending in contractor side.	0 nos	0 nos	
7.	Chamber Pipe Laying (135mm Dai)			303.0 meter	333.0 meter	
7.	<b>1 nos Sewerage Treatment Plant (Capacity-05MLD)</b>					
S.No	Component	Scope	Approved Drawing	Progress Till Date	REMARKS	
a)	5 MLD at Laukhedi	05 MLD	Desing & Drawing pending in contractor side.	0 %	STP location has been changed. The new location is Samarda and BEP is prepared by Contractor for submission.	

### Current Progress Remarks:

- A total of 320 km survey has been completed so far.
- Topographical survey (Total-161.17 km) drawing has submitted by the contractor on dated 03-Dec-2025.
- Hydraulic network design of Lal Ghati zone is recommended by PDMC on dated 15-Dec-2025.
- Contractor submit Hydraulic network design of Rapadiya, Katara Hills and Deepdi zone on dated 22-Dec-2025. Has been reviewed. Revised submission pending at Contractor end.
- PDMC Recommendation of approval of Work plan on dated 30/12/2025.
- Recommendation letter to BMC regarding QAP of DWC PIPE, RCC PIPE for further process of approval under Package 1 (Huzur) on dated 11-Dec-2025 by RE-PDMC.
- Recommendation letter to BMC regarding QAP of M/s CRM Polymers for further process of approval under Package 1(Huzur) SKC Technocrat Pvt. Ltd. on 17-Dec-2025 by RE-PDMC.

## Daily Progress Report Package: 02

Date: 05/03/2026

Contractor: - M/s Jai Varudhi Pvt. Ltd.  
Project Cost- Rs.189.60 Cr. (Inc GST)  
Project Duration: 36 months  
Work Order Date: 21-11-2025

Physical Progress: 1.500%  
Financial Progress: 0.00%

S.No	Component	Scope	Approved Drawing	Last Progress	Progress Till Date	REMARKS
1.	Sewerage network	140.17 km	Desing & Drawing pending in contractor side.	250 meters.	850 meters	The PDMC recommended the design drawings for the 48.83 km Bagmugaliya Zone sewerage network on 20-02-2026.
2.	Manhole Chamber	4661 Nos	Desing & Drawing pending in contractor side.	0 nos	14 nos	Work order completed on 21/11/2025 and work is yet to begin.
3.	IC chamber	9322 Nos	Desing & Drawing pending in contractor side.	0 nos	0 nos	Work order completed on 21/11/2025 and work is yet to begin.
4.	HSC Connection	18000 Nos	Desing & Drawing pending in contractor side.	0 nos	0 nos	Work order completed on 21/11/2025 and work is yet to begin.
5.	Road Restoration.	0 km	Desing & Drawing pending in contractor side.	0 km	0 mtr	Work order completed on 21/11/2025 and work is yet to begin.
6.	IPS	6 nos	Desing & Drawing pending in contractor side.	0 nos	0 nos	Work order completed on 21/11/2025 and work is yet to begin.
7.	<b>2 nos Sewerage Treatment Plant (Capacity-30MLD)</b>					
S.No	Component	Scope	Approved Drawing	Progress Till Date	REMARKS	
a)	10 MLD at Khajuri kalan	10 MLD	Desing & Drawing pending in contractor side.	0 %	Work order completed on 21/11/2025 and work is yet to begin.	
b)	20 MLD at Arhedi	20 MLD	Desing & Drawing pending in contractor side.	0 %	Work order completed on 21/11/2025 and work is yet to begin.	

### Current Progress Remarks:

- A total of 600 km survey has been completed so far.
- The contractor submitted topographical survey to the Bhopal Municipal Corporation on 19-Dec-2025.
- Submission of work plan is still pending from contractor.
- DWC Pipe QAP of Kiran Infra on 17 Jan 2026 recommended for approval & forwarded to UADD.
- DWC Pipe QAP of AA Vasani on 13 Jan 2026 recommended to BMC.
- The PDMC recommended the design drawings for the 48.83 km Bagmugaliya Zone sewerage network on February 20, 2026.

**Daily Progress Report**  
**Package 3-Sewerage Project**

Date: - 05/03/26

Contractor: - M/s LC Infra Project Pvt Ltd.  
Project Cost- Rs.472 Cr. (Inc GST)  
Project Duration: 36 months  
Work Order Date: 01-01-2025

Physical Progress: -23.86%  
Financial Progress: -7.42%

S.No	Component	Scope	Approved Drawing	January Month Progress	Cumulative Progress till Yesterday	Today, Progress 25/02/2026.	Cumulative progress
1.	Sewerage network	393 km	377km	13.675 Km	92.378 Km	205 mtr.	92.583 km
2.	Manhole Chamber	12909 Nos	Approved	551 Nos	2967 nos	06 nos	2973 nos.
3.	IC chamber	21679 Nos	Approved	741 Nos	3133 nos	26 nos	3159 nos
4.	GT connection (HSC)	43357 Nos	Approved		680	-	680 nos.
5.	Road Restoration.	320km	Approved	3.068 Km	29.582 km	110.40 mtr	29.692 km
6.	Balance Road restoration	12.650 Km					5.795 km Pending
	Habibganj (E6 & E7, MP Nagar, G1, G2)	6.6 Km					E6-E7 3.6 km pending from 60 days.
	Suraj Nagar	2.5 Km					Beelkheda, Barkhedi Khurd 1.4 km pending from 45 days.
	Shahpura sector -C	0.6 Mtr					0.6 km pending from 38 days
	Kotra (Wireless colony)	0.8 Km					0.8 km pending 60 days
	Ekant Park	1.5km					Gitanjali 1.5 km pending from 30 da
7.	6 nos STP(76MLD capacity)						

32 MLD STP (Sabji farm)	33.31 cr	Approved	65% Raft Foundation casting complete and work in progress.	9% work done cumulative. (Amount Rs 149.89 lac)
14MLD STP(Kotra)	17.13 cr	Approved	SBR completed & PTU top slab shuttering work in progress and Dewatering building plinth beam shuttering work in progress & sludge tank completed and security cabin excavation completed	45% work done cumulative. (Rs 770 lac)
6MLD STP (Mata mandir)	9.19 cr	Approved	SBR completed and PTU bottom slab shuttering work in progress and dewatering building PCC completed	40% work done cumulative. (Rs 367 lac)
1MLD STP (Char Imli)	3.78 cr	Approved	SBR completed. Dewatering building plinth beam casting complete & sludge tank second lift wall casting complete. PTU footing column casting completed.	35% work done cumulative (Rs 132 lac)
10 MLD STP (Banganga)	13.23 cr	BEP submitted by Contractor on 24 Jan 2026 at PDMC.	Applied for RCMS portal.	Work yet to start.
13 MLD STP (Ekant Park)	16.15 cr	Revised drawing submission pending by Contractor.	Capacity revised 6MLD due to Flow. Applied for land on RCMS portal.	Work yet to start.

RA Bill 1st = Rs. 4.32 Cr.

RA Bill 2nd = Rs 4.52Cr.

RA Bill 3rd = Rs. 18.63 Cr Paid

RA Bill 4th = Rs 6.17 Cr is Submitted to BMC Commissioner Office.

Note: -

59 km Sewerage network is De-scope. And 35 km new area added for survey near Bhoj University Chuna Bhatti & Chowk Bazar old City.

Ekant park STP capacity is revised to 6MLD as per flow.

The Road restoration work progress is unsatisfactory.

HSC progress is also very unsatisfactory under the project.

Even IPS work is not started by Contractor, after instructing many times.

Contractor do not have sufficient and experiences Technical Staff for execution at site.

Raising Main DI pipe of 7.5 Km Inspection call given, will be dispatch up to 25 Feb 2026.

Progress as per milestone required: -

1st Milestone of 12.5% in 9 months.

2nd Mile 37.5% needs to Achieve in 18 Months.

Therefore 2nd milestone will be completing in June 2026. So, targeted Progress 3.6% needs to achieve per months.

Laying required per Months: 12.7Km ( 423 mtr per day)

Labours- STP=120 nos

Pipeline= 160 nos

## Daily Progress Report Package: 04

Date: 05/03/2026

Contractor: - M/s Enviro Infra Engineers Ltd.  
Project Cost- Rs.293.21 Cr. (Inc GST)  
Project Duration: 36 months  
Work Order Date: 21-11-2025

Physical Progress: 2.500%  
Financial Progress: 0.00%

S.No	Component	Scope	Approved Drawing	Last Progress	Progress Till Date	REMARKS
1.	Sewerage network	273.36 km	PDMC is recommended 48Km network for further UADD approval on dated 09 Jan 2026	12.5 Mtr	775 Mtr	450 mm dai pipe laying at ISBT Zone.
2.	Manhole Chamber	9113 Nos	Desing & Drawing pending in contractor side.	3 nos	5 nos	Work order completed on 21/11/2025 and work is yet to begin.
3.	IC chamber	18226 Nos	Desing & Drawing pending in contractor side.	0 nos	0 nos	Work order completed on 21/11/2025 and work is yet to begin.
4.	HSC Connection	40000 Nos	Desing & Drawing pending in contractor side.	0 nos	0 nos	Work order completed on 21/11/2025 and work is yet to begin.
5.	Road Restoration.	0 km	Desing & Drawing pending in contractor side.	0 km	0 mtr	Work order completed on 21/11/2025 and work is yet to begin.
6.	IPS	8 nos	Desing & Drawing pending in contractor side.	0 nos	0 nos	Work order completed on 21/11/2025 and work is yet to begin.
7.	<b>1 nos Sewerage Treatment Plant (Capacity-60MLD)</b>					
S.No	Component	Scope	Approved Drawing	Progress Till Date	REMARKS	
a)	60 MLD STP at Bhanpur	60 MLD	Revised Submission pending at Contractor end.	Batching plant established and SBC completed	STP location has been changed. The new location is Bhanpur. BEP submitted by contractor on 16 Jan 2026 to BMC and forwarded to PDMC for review.	

### Current Progress Remarks:

- A total of 458 km survey has been completed so far.
- PDMC Recommendation of approval of Work plan on dated 30/12/2025.
- The contractor has submitted topography survey of Zone-12, hydraulic design and drawing pf 50 km to PDMC on 4<sup>th</sup> December 2025.
- Recommendation letter to BMC regarding QAP of RCC PIPE NP 3 & NP 4 for further process of approval under Package 4(Narela) on dated 13-Dec-2025.
- DWC Pipe Sorkhi QAP recommended by PDMC on date 24 Dec 2025.
- For Sewer Network 48.76 km network of ISBT Zone has been vetted by MANIT & 48.96 Km network of Rajendra Nagar and Semra Zone is under review at PDMC.
- Design & Drawing of Manhole Chamber under review at PDMC.
- QAP for RCC Pipe has been approved by UADD.
- QAPs for DWC Pipes from 2 Manufacturers has been approved by UADD.
- QAPs for UPVC Pipes has been recommended by PDMC.
- QAPs for Manhole cover frame & RCC Pipe has been recommended by PDMC.
- Revised BEP has been submitted to BMC on 23 Feb 2026.



क्षेत्रीय कार्यालय

मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड



पर्यावरण परिसर, ई-5, अरेरा कॉलोनी, भोपाल

Telephone:- 0755-2466392 Email:-romppcb\_bpl@rediffmail.com

क्रमांक 20/4 /क्षेका/प्रनिबो/2026

भोपाल, दिनांक 18/05/2026

प्रति,

आयुक्त,  
नगर पालिक निगम,  
कुशाभाऊ ठाकरे,  
आई.एस.बी.टी. केम्पस,  
भोपाल (म.प्र.)

विषय: माननीय राष्ट्रीय हरित अधिकरण, प्रिंसिपल बेंच, नई दिल्ली के प्रकरण क्रमांक 23/2026 में पारित आदेश दिनांक 17.01.2026 एवं जल (प्रदूषण निवारण एवं नियंत्रण) अधिनियम, 1974 के प्रावधानों के परिपालन में पेयजल गुणवत्ता बनाए रखने एवं सीवेज मिश्रण/जल प्रदूषण की रोकथाम बावत।

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उपरोक्त विषयान्तर्गत माननीय राष्ट्रीय हरित अधिकरण, प्रिंसिपल बेंच, नई दिल्ली के प्रकरण क्रमांक 23/2026 द्वारा पारित आदेश दिनांक 17.01.2026 में यह उल्लेखित किया गया है कि भोपाल नगर में ड्रेनेज एवं पेयजल पाइपलाइन अनेक स्थानों पर एक ही चैनल से गुजर रही हैं, जिससे पाइपलाइन में दरार अथवा जॉइंट के माध्यम से सीवेज के पेयजल में प्रवेश की संभावना बनी हुई है, जिससे जनस्वास्थ्य पर गंभीर प्रतिकूल प्रभाव पड़ने की संभावना है।


माननीय अधिकरण द्वारा पारित आदेश के परिपालन में मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड द्वारा दिनांक 27.02.2026 को प्रकरण में उल्लेखित भोपाल क्षेत्र का स्थल निरीक्षण किया गया, जिसमें यह पाया गया कि अनेक स्थानों पर पेयजल पाइपलाइन दूषित नालों/सीवेज लाइन के भीतर, ऊपर अथवा समीप से गुजर रही हैं, जिसके क्षतिग्रस्त होने पर पेयजल के दूषित होने की गंभीर संभावना निर्मित हो सकती है। ऐसी स्थिति स्थानीय निवासियों के स्वास्थ्य पर प्रतिकूल प्रभाव डाल सकती है तथा उक्त पाइपलाइनों से प्रदायित पेयजल के उपयोग से गंभीर स्वास्थ्य संबंधी समस्याएं उत्पन्न हो सकती हैं।

अतः स्थिति की गंभीरता को दृष्टिगत रखते हुए निम्नानुसार बिन्दुओं पर कार्यवाही सुनिश्चित करने का कष्ट करें:-

1. यह सुनिश्चित किया जाए कि पेयजल पाइपलाइन एवं सीवेज/ड्रेनेज लाइनें किसी भी स्थान पर प्रत्यक्ष संपर्क में न रहें।
2. ऐसे सभी क्षेत्रों का तत्काल सर्वेक्षण एवं निरीक्षण कराया जाए जहाँ पेयजल पाइपलाइन एवं सीवेज लाइन समान चैनल अथवा निकटवर्ती स्थल से गुजर रही हैं।
3. क्षतिग्रस्त, जर्जर अथवा रिसावयुक्त पाइपलाइनों का तत्काल सुधार/प्रतिस्थापन कराया जाए।
4. जिन क्षेत्रों में पेयजल गुणवत्ता असंतोषजनक पाई गई है वहाँ तत्काल सुधारात्मक एवं निवारक कार्यवाही की जाए।

5. नागरिकों को सुरक्षित एवं मानक अनुरूप पेयजल उपलब्ध कराया जाना सुनिश्चित किया जाए।

अतः उक्त बिन्दुओं पर कार्यवाही तत्काल प्रभाव से सुनिश्चित किये जाने का अनुरोध है, ताकि माननीय अधिकरण द्वारा पारित आदेश का परिपालन हो सके, जिससे भविष्य में पर्यावरण संरक्षण एवं जन-स्वास्थ्य की सुरक्षा बनी रहे।

  
(नीतेश चौरसिया)  
क्षेत्रीय अधिकारी

पृ. क्रमांक 2015/क्षेका/प्रनिबो/2026

भोपाल, दिनांक 18/05/2026

प्रतिलिपि:-

अधीक्षण यंत्री (विधि), म.प्र. प्रदूषण नियंत्रण बोर्ड, भोपाल की ओर सूचनार्थ।

  
(नीतेश चौरसिया)

क्षेत्रीय अधिकारी



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MRIDUL SHUKLA <mridulshukla0212@gmail.com>

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**Advance Service of Reply filed on behalf of Respondent No. 3, MPPCB, in OA 23 OF 2026**

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MRIDUL SHUKLA <mridulshukla0212@gmail.com>

Fri, May 22, 2026 at 3:22 PM

To: mscb.cpcb@nic.in

Cc: "rowz.bpl-mef@nic.in" <rowz.bpl-mef@nic.in>, commbho@nic.in

Dear Sir/Ma'am,

PFA herewith an advance copy of reply filed on behalf of Respondent No. 3 (MPPCB) in OA bearing No. 23 OF 2026 pending adjudication before the Principal Bench of National Green Tribunal.

You are requested to acknowledge the receipt of the same.

Regards,

Mridul Shukla  
Advocate  
on behalf of Raghav Sharma  
Mob- 7289883643



Reply OA 23-2026 PB.pdf