

BRIHANMUMBAI MUNICIPAL CORPORATION

(Sewerage Operations Department)

Sewerage Operations Department of Brihanmumbai Municipal Corporation (BMC) have wastewater testing facility at Dadar Pumping Station premises, known as 'Dadar Sewage Laboratory', established in 1935. The laboratory was set up with an object to monitor various parameters at Dadar Sewage Treatment Plant (STP) for process control and to comply with the requirements of regulatory authorities. Now, sewage/waste water samples from various satellite & terminal sewage pumping stations of Sewerage Operations department are being tested in the laboratory regularly.

Recently, Dadar Sewage Laboratory have received NABL accreditation in the month of September 2024 in the field of 'Chemical/ Testing with 5 parameters viz. BOD, COD, TSS, DO & pH of wastewater'. The lab layout and infrastructure was restructured as per the NABL authority's guideline. For the standard laboratory practices, Dadar Sewage Laboratory is following the Laboratory Quality Management System as per ISO/IEC 17025:2017. The NABL certificate and the Scope of Accreditation are enclosed herewith.

Dadar Sewage Laboratory have started the Testing of the Sewage/Waste Water samples from outside agencies by levying charges as enclosed herewith.

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The charges for Testing of various parameters of Sewage/ Waste Water Samples are as follows :

Analysis Charges

| Sr. No | Name of the Test | Charges (Rs.) |
|--------------------|---|-----------------------|
| 1 | Conductivity of waste water | 60/- |
| 2 | Odour of waste water | 60/- |
| 3 | Suspended Solids of waste water | 100/- |
| 4 | Total Solids of waste water | 100/- |
| 5 | Turbidity of waste water | 60/- |
| 6 | Acidity of waste water | 100/- |
| 7 | Ammonical Nitrogen of waste water | 200/- |
| 8 | Biochemical Oxygen Demand(BOD) of waste water | 600/- |
| 9 | Chloride of waste water | 100/- |
| 10 | Chemical Oxygen Demand (COD) of waste water | 350/- |
| 11 | Dissolved Oxygen of waste water | 100/- |
| 12 | pH of waste water | 60/- |
| 13 | Total Kjeldahl Nitrogen(TKN) of waste water | 350/- |
| 14 | Chromium Total of waste water | 300/- |
| 15 | Copper of waste water | 300/- |
| 16 | Lead of waste water | 300/- |
| 17 | Mercury of waste water | 800/- |
| 18 | Nickel of waste water | 300/- |
| 19 | Sodium of waste water | 200/- |
| 20 | Zinc of waste water | 300/- |
| 21 | Oil & Grease of waste water | 200/- |
| 22 | Fecal Coliform (MFT technique) of waste water | 350/- |
| Plus 18% G . S . T | | |



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

WASTE WATER TESTING LABORATORY, BMC

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

5TH FLOOR, S.O. ADMIN BUILDING, DADAR PUMPING STATION, 249 SENAPATI BAPAT ROAD, DADAR
(W), MUMBAI, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-14497

Issue Date: 13/09/2024

Valid Until:

12/09/2026

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: BRIHANMUMBAI MUNICIPAL CORPORATION

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

| | | | |
|-------------------------------|--|------------------------|--------|
| Laboratory Name : | WASTE WATER TESTING LABORATORY, BMC, 5TH FLOOR, S.O. ADMIN BUILDING, DADAR PUMPING STATION, 249 SENAPATI BAPAT ROAD, DADAR (W), MUMBAI, MAHARASHTRA, INDIA | | |
| Accreditation Standard | ISO/IEC 17025:2017 | | |
| Certificate Number | TC-14497 | Page No | 1 of 1 |
| Validity | 13/09/2024 to 12/09/2026 | Last Amended on | - |

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|-------------------|----------------------------------|------------------------------|--|--|
| Permanent Testing | | | | |
| 1 | CHEMICAL-POLLUTION & ENVIRONMENT | Waste Water | Biochemical Oxygen Demand (for 3 days at 27 °C) | IS 3025 (Part 44) |
| 2 | CHEMICAL-POLLUTION & ENVIRONMENT | Waste Water | Chemical Oxygen Demand | IS 3025 (Part 58) |
| 3 | CHEMICAL-POLLUTION & ENVIRONMENT | Waste Water | Dissolved Oxygen | IS 3025 (Part 38) |
| 4 | CHEMICAL-POLLUTION & ENVIRONMENT | Waste Water | pH | IS 3025 (Part 11) |
| 5 | CHEMICAL-POLLUTION & ENVIRONMENT | Waste Water | Total Suspended Solids | IS 3025 (Part 17) |