



Chennai Metro Rail Limited

(A Joint Venture of Govt. of India and Govt. of Tamil Nadu)

(ISO 9001:2015 and ISO 14001:2015 Certified)

Letter No. CMRL/CON/ES/1121/2026

Dated: 18.04.2026

To,

Dr. V. George Jenner, IFS,
Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office,
1st Floor, Additional Office Block for GPOA,
Shastri Bhawan, Haddows Road
Nungambakkam, Chennai – 600 034.

Dear Sir,

Sub: Submission of Six-Monthly Monitoring report (CRZ Clearance) for the period of September 2025 to February 2026 for the Construction of Metro Rail Network – Corridor 3 (Madhavaram to SIPCOT) having total length of the corridor as 45.813 km comprising 50 stations (30 underground stations and 20 elevated stations) in Chennai, Tamil Nadu by M/s Chennai Metro Rail Limited (CMRL) - Reg.

Ref: CRZ Clearance Letter No F.No.11-39/2022-IA.III dated 28th February 2023.

With reference to the Part B - General Conditions, Condition no. (vii) stipulated in the CRZ Clearance cited above we are submitting herewith the six-monthly monitoring report (September 2025 to February 2026) along with necessary supporting documents for your kind information and perusal.

We wish to mention that all the necessary actions are being taken in compliance to the specific and general conditions of CRZ Clearance granted to the project.

We trust that the information furnished is in line with your requirement.

Thanking You.

Yours Sincerely,

**Saravana Kumar R,
Manager - Environment.**



Enclosure: As stated above

METROS, Anna Salai, Nandanam, Chennai - 600 035.

Phone: 044-2437 8000 / Email: chennaiemr rail@cmrl.in / Website: www.chennaiemr rail.org

CIN : U60100TN2007SGC065596

Six Monthly Monitoring Report for CRZ Clearance issued by MoEF&CC, New Delhi vide letter . F. No. 11-39/2022-IA.III, dated 28th February 2023 for Construction of Metro Rail Network – Corridor 3 (Madhavaram to SIPCOT) having total length of the Corridor as 45.813 km comprising 50 stations (30 underground stations and 20 elevated stations) in Chennai, Tamil Nadu by M/s Chennai Metro Rail Limited (CMRL).

Part A – Specific Conditions

S. No.	Description	Status of Compliance / Remarks
i.	All construction shall be strictly by the provisions of CRZ Notification, 2011 and as amended from time to time.	Noted. The recommendations/ conditions applicable for construction stage are compiled as per CRZ Notification 2011 and its amendments.
ii.	During the construction the vibration levels shall be monitored regularly at 200m on either side of alignment at receptors comprising educational, medical, and physical cultural buildings and other fragile buildings.	Being Complied. Vibration levels are monitored regularly during construction at 200 m on either side of the alignment.
iii.	The Ground Penetrating Radar (GPR) measurements before and after tunneling should be taken up loose strata identified from geotechnical data along alignment and regular compliance report should be submitted to Regional Office.	Noted and Agreed to Comply. The GPR measurements are being monitored before and after tunneling in the CRZ areas.
iv.	No ground water shall be extracted within the CRZ area to meet water requirements during the construction and/or operational phase of the project.	Being Complied. No ground water within the CRZ area was extracted during the construction or operation phase of the project. For construction purposes water is procured from CMWSSB through water tankers.
v.	The project proponent shall ensure the natural flow of the creek water at the project site.	Being Complied. No blockage of rivers or creek is envisaged in our project proposal. Proper care was taken to ensure free flow of water throughout the project.
vi.	No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction.	Noted and agreed to comply. CMRL has ensured that no excavated materials will be dumped in the water bodies or adjacent areas.
vii.	Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.	Being Complied. Labour camps have been established outside the CRZ area and machinery and



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S. No.	Description	Status of Compliance / Remarks
		material storage are also being ensured outside the CRZ boundary.
viii.	Any temporary physical infrastructure set up during the construction period shall be removed simultaneously with the completion of laying of each segment of the project.	Noted and Agreed to Comply. CMRL ensures that all temporary physical infrastructure will be removed from post work completion.
ix.	All the conditions stipulated by the Tamil Nadu Coastal Zone Management Authority for CRZ clearance vide its letter No. Letter No. RC No P1/2503/2021. Dated 19/01/2022, and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.	Noted and Agreed to Comply. CMRL will comply with all the stipulation given by the CZMA and EAC.
x.	All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of the project or activity.	Noted and Being Complied. All prerequisite approvals / clearances are obtained from the relevant authorities before commencement of the project or activity.

Part B – General Conditions

S. No.	Description	Status of Compliance / Remarks
i.	Management of solid waste by the Solid Waste Management Rules, 2016 shall be strictly implemented.	Noted and Agreed to Comply. CMRL has ensured that the proper waste management systems are implemented to minimize the adverse impact on the environment.
ii.	'Consent to Establish' and / or 'Consent to Operate' shall be obtained from State Pollution Control Board under the provisions of the Air (Prevention and Control of Pollution) Act, 1981 and/or the Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.	Noted and Agreed to Comply. 'Consent to Operate' (CTO) has been obtained from TNPCCB for the Batching Plants (RMC Plants)
iii.	Disposal of muck during the construction phase should not create any adverse effect on the neighboring	Noted and Being Complied. CMRL ensures that the muck generated during construction phase will be disposed



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S. No.	Description	Status of Compliance / Remarks
	communities and be disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of Competent Authority.	only in the approved sites without creating any adverse effect on the neighborhood communities. Permission obtained from CMWSSB for dumping muck and other construction waste in their Kodungaiyur STP land without creating any adverse effect on the neighborhood communities.
iv.	All liquid waste arising from the proposed development will be disposed of as per the norms prescribed by the Central / State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea / coastal water bodies. It shall be ensured that the wastewater generated is treated in the STP as committed by the project proponent. The treated wastewater shall be reused for landscaping, flushing and/or HVAC cooling purposed etc. within the development. The project proponent should also make alternate arrangements for situations arising fir to malfunctioning STP. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to the SPCB.	Complied No untreated liquid waste has been discharged into the sea or any coastal water bodies at any stage of the project. During the construction phase, a 300 KLD wastewater treatment plant was installed in the non-CRZ area for treatment of wastewater generated at the site. The treated wastewater was reused for construction activities, landscaping, flushing, and dust suppression, in compliance with CPCB/SPCB norms. Since the construction activities have now been completed, the temporary wastewater treatment plant installed for the construction phase has been dismantled. The Sewage Treatment plant (STP) of 15 KLD capacity will be installed before the operational phase of the project, and monitoring was carried out as per prescribed TNPCB standards.
v.	Any hazardous waste generated during the construction phase, shall be disposed off as per the applicable rules and norms with the necessary approvals of the State Pollution Control Board.	Noted and Being Comply. Hazardous waste generated during the construction phase is being handled, stored, and disposed of in accordance with the provisions of the Hazardous Waste Management Rules, 2016. Disposal is carried out only through TNPCB-authorized vendors.



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S. No.	Description	Status of Compliance / Remarks
vi.	A copy of the clearance letter shall be uploaded on the website of the concerned State Coastal Management Authority/ State Pollution Control Board. The clearance letter shall also be displayed at the Regional Office, District Industries Centre and Collector's Office for 30 days.	TNPCB and TNCZMA is the concern authorities for the same.
vii.	A Six-monthly monitoring report shall need to be submitted by the project proponent to the concerned Regional Office of this Ministry regarding the implementation of stipulated conditions.	Being complied. This is the 5 th compliance report, and it is also being sent to Regional Office, MoEF&CC and would be uploaded on https://chennaietrorail.org/compliance-reports/ CMRL Website periodically.
viii.	The Ministry of Environment, Forest & Climate Change or any other Competent Authority may stipulate any additional conditions or modify the existing ones, if necessary, in the interest of the environment and the same shall be complied with.	Noted and agreed, subjected to applicability and validity of condition, if any.
ix.	Full co-operation shall be extended to the officials from the Regional Office of MoEF&CC, during monitoring of the implementation of environmental safeguards stipulated. It shall be ensured that documents/data sought pertinent is made available to the monitoring team. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the concerned Regional Office of MoEF&CC.	Agreed to Comply. Full support and coordination will be extended to the Officials from the Regional Office of MoEF&CC during the monitoring of the implementation of environmental safeguards.
x.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Agreed and shall be complied if such event occurs.
xi.	The ministry reserves the right to add additional safeguard measures	Noted and Agreed to Comply.



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S. No.	Description	Status of Compliance / Remarks
	subsequently, if considered necessary, and to take action to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner, including revoking the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, for non-compliance.	
xii.	All other statutory clearances such as approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc., shall be obtained, as applicable by project proponent from the respective Competent Authorities.	Being Complied. All applicable statutory clearances are being obtained from the respective competent authorities.
xiii.	The project proponent should advertise in at least two local newspaper widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board (SPCB) may also be seen on the website of the Ministry of Environment, Forest and Climate Change at https://parivesh.nic.in/ . The advertisement should be made within seven days from the date of receipt of Clearance letter and a copy of the same should be forwarded to the concerned Regional Office of this Ministry.	Complied. Grant of CRZ Clearance Letter has been advertised on 18.03.2023 in two local newspapers namely <ul style="list-style-type: none"> • Dina Thanthi (தினத்தந்தி) in Tamil language. • The Hindu in English language. Copy of advertisement has been already submitted to MoEF&CC vide letter no. CMRL/CON/ES/907/2023 on 10.04.2023.



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S. No.	Description	Status of Compliance / Remarks
xiv.	A copy of the clearance letter shall be sent by the project proponent to the concerned Panchayat, Zilla Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, for whom suggestions / representations, if any, were received while processing the proposal.	<p>Complied.</p> <p>A copy of the CRZ Clearance letter marked to Greater Chennai Corporation vide letter no. CMRL/CON/ES/903/2023 on 16.03.2023.</p> <p>As on date, no suggestions and representation received from the said authority.</p>
xv.	The proponent shall upload the status of compliance of the stipulated conditions, including the results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.	<p>Being complied.</p> <p>Noted. Status of compliance of stipulated conditions have been uploaded on https://chennaietrorail.org/compliance-reports/ and are being updated periodically.</p>
xvi.	The environmental statement for each financial year ending 31 st March in Form-V is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the project proponent along the status of compliance of clearance conditions and shall also be sent to the Regional Office of the Ministry by e-mail.	<p>Agreed to Comply.</p> <p>The last environmental statement Form V for financial year 2024-25 ending 31st March 2025 was submitted to TNPCB and to the Regional Office of the Ministry by e-mail. The next statement will be submitted on or before August 2026.</p>



**Corridor 3 - Compliance Status of TNSCZMA Conditions stipulated letter.
R.C.No.P1/2503/2021, dated 19th January,2022**

S.No	Description	Status of Compliance/ Remarks
i.	The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).	Noted and Being Complied All activities in the CRZ area were ensured as per provision in the CRZ notification 2011.
ii.	No permanent labour camp, machinery, and material storage shall be allowed in the CRZ area.	Being Complied Labour camps have been established outside the CRZ area, and machinery and material storage are also being ensured outside the CRZ boundary.
iii.	There shall not be disposal of untreated/treated wastewater into the CRZ area.	Being Complied All liquid waste is treated as per Pollution Control Board norms, with no untreated effluent disposed of into coastal water bodies.
iv.	All the solid waste shall be handled as per the Solid waste Management Rules 2016.	Being Complied CMRL ensures the proper waste management systems are implemented to minimize the negative impact on the environment.
v.	Construction activity shall be carried out strictly as per the provisions of CRZ Notification, 2011 on the landward side of the existing road.	Noted The recommendations/conditions applicable for the construction stage are compiled as per CRZ notification 2011.
vi.	The project shall adhere to the Construction and Demolition Waste Management Rules, 2018.	Noted CMRL ensures the temporary Storage and Disposal of C&D waste as per C&D waste management Rules 2018.
vii.	Any Hazardous waste generated during construction/operation phase shall be disposed off as per applicable rules and norms with necessary approvals of the SPCB.	Noted and Complied The hazardous waste generated from the sites during construction is disposed to the CPCB/TNPCB authorized vendor. Hazardous waste Authorization obtained from the TNPCB
viii.	Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before the project commissioning. Used CFLs and TFLS should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.	Being Complied Energy-efficient lighting systems like LED fixtures have been incorporated in the project design. Used lamps are being disposed of through authorized recyclers. The installation of solar panels is being explored for suitable areas.
ix.	No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.	Noted All prerequisite approvals / clearances are obtained from the relevant authorities before commencement of the project



**Corridor 3 - Compliance Status of TNSCZMA Conditions stipulated letter.
R.C.No.P1/2503/2021, dated 19th January,2022**

S.No	Description	Status of Compliance/ Remarks
x.	No ground water from the Coastal regulation zone area shall be tapped for the project.	Being Complied. No ground water within the CRZ area was extracted during the construction or operational phase of the project. For construction and operational purposes, the water was procured from the CMWSSB.
xi.	Oil spills if any shall be properly collected and disposed as per the Rules.	Being Complied. Oil generated and Oil spills occurred during the construction are collected and disposed to the CPCB/ TNPCB authorized vendor.
xii.	The proponent shall furnish the site plan with the details of area earmarked for the solid waste disposal, storage of fresh water for consumption etc.,	Being Complied. Site layout plan has been displayed at project site indicating designated areas for solid waste disposal, freshwater storage etc.,
xiii.	The proponent shall furnish the detailed proposal for handling of solid wastes.	Being Complied. Solid waste is segregated and disposed off to the Authorized Agency
xiv.	The proponent shall provide Sewage treatment plant of 15 KLD Capacity as proposed for the treatment of sewage generation and treated sewage shall be utilized for gardening.	Ongoing. During the construction phase, an Effluent Treatment Plant (ETP) of 300 KLD capacity has been installed at the site to treat dewatering water. The treated water is reused for dust suppression and other construction-related activities. Since the construction activities have now been completed, the temporary Effluent treatment plant installed for the construction phase has been dismantled. The Sewage Treatment plant (STP) of 15 KLD capacity will be installed before the commencement of the project, and the treated sewage will be monitored as per the TNPCB prescribed standards, and wastewater will be reused and utilized for gardening as proposed.
xv.	All liquid waste arising from the proposed development will be disposed of as per the norms prescribed by Central/State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea/coastal water bodies. It shall be ensured that the waste water generated is treated in the STP as committed. The project proponent should also make alternate arrangement for situation	Being Complied All liquid waste is treated as per Pollution Control Board norms, with no untreated effluent disposed of into coastal water bodies.



Corridor 3 - Compliance Status of TNSCZMA Conditions stipulated letter.
R.C.No.P1/2503/2021, dated 19th January,2022

S.No	Description	Status of Compliance/ Remarks
	arising due to malfunctioning of STP. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to the SPCB.	
xvi.	The proponent shall comply with the Environmental Management Plan both during construction and operational phases.	Being Complied All activities are being carried out in adherence to the approved Environmental Management Plan (EMP). Periodic monitoring and reporting are undertaken.
xvii.	Necessary green belt of native species shall be developed along the project area to improve the air environment as per the site plan submitted and also shall contribute to Tamil Nadu Green Climate Company towards Green Tamil Nadu Mission in order to enhance the forest and tree cover in the state.	Being Complied Green belt development will commence after the construction activities, using native species as per approved plans.
xviii.	The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning Permission, Plan Approval etc., including the clearance under CRZ Notification, 2011 and other statutory clearances.	Complied All necessary statutory approvals pertaining to the construction phase were already obtained.



TEST REPORT

(An ISO : 9001, ISO : 14001, ISO : 45001 Certified Company)

Accredited by NABL vide TC-7446, NABET / QCI, Recognised by MoEF&CC

Report No	: PCEI/TR-AAQ-0743	Report Date	: 25.01.2026
Discipline	: Chemical	Group	: Atmospheric Pollution
Issued to	: M/s.Chennai Metro Rail Limited, METROS No.327 Anna Salai, Nandanam, Chennai - 600035		
Sampling Method	: PCEI/SOP/AAQ/003		
Sampled by	: Laboratory		
Sample Collected Date	: 21.01.2026 to 22.01.2026	Sample Reference No	: PCEI/AAQ-0743-01/26
Sample Description	: Ambient Air Quality	Sample Received On	: 22.01.2026
Qty of Sample Received	: Filter Paper & 30ml	Test Commenced On	: 23.01.2026
Sample Condition	: Fit for Analysis	Test Completed On	: 25.01.2026
Sampling Location	: Greenways		

Weather Condition	
Ambient Temperature	: 33.2°C
Relative Humidity	: 59%
Climate Condition	: Scattered clouds
Predominant Wind Direction	: SE

S.No	Parameters	Units	Test Method	Results	NAAQ Standards for Industrial, Residential, Rural and Other Area (TWA for 24 Hrs)
1	Sulphur dioxide (SO ₂)	µg/m ³	IS 5182 Part 2/Sec 1 : 2023	12.6	80
2	Oxides of Nitrogen (NO ₂)	µg/m ³	IS 5182 (Part 6): 2006	28.1	80
3	Respirable Particulate Matter (PM ₁₀)	µg/m ³	IS 5182 (Part 23): 2006	65.3	100
4	Respirable Particulate Matter (PM _{2.5})	µg/m ³	IS 5182 (Part 24): 2019	35.9	60
5	Carbon Monoxide (CO)	mg/m ³	IS 5182 (Part 10):2019	BDL(DL:1.14)	4**

Notes: i) TWA - Time Weighted Average ii) ** - TWA for 1 Hour iii) * - TWA for Annual
BDL - Below Detection Limit ; DL - Detection Limit, mg/m³milligram per cubic meter, µg/m³- microgram per cubic meter.

Remarks: The above tested parameters are within the limits of NAAQ Standards for Industrial, Residential, Rural and Other Area (TWA for 24 Hrs).


Note: 1. The test results are only for the sample submitted for test. 2. Any Correction of the rest in full or in part shall invalidate the report. 3. The sample will be retained for 15 days from the reporting except in case of regulatory samples or specifically instructed by client. 4. Perishable sample will be discarded immediately after reporting 5. Under no circumstances lab accept any liability or loss / damage caused by use or misuse of test report after invoicing or issued of test reports.

..... End of Report

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Verified By 




Authorised Signatory
D.Balanayagi
Technical Manager

TEST REPORT

(An ISO : 9001, ISO : 14001, ISO : 45001 Certified Company)

Accredited by NABL vide TC-7446, NABET / QCI, Recognised by MoEF&CC

Issued to	M/s.Chennai Metro Rail Limited, METROS
	No.327 Anna Salai,
	Nandanam, Chennai - 600035

Report No	PCEI/TR-N-0748
Report Date	25.01.2026

Sampling Location	Greenways		
Sample Description	Noise Monitoring	Category of Area	Residential Area
Sampling Method	IS 9989 - 1981 (RA 2020)	Sample Reference No	PCEI/N-0748-01-26
Sampled by	Laboratory	Sampling Date	21.01.2026 to 22.01.2026
Equipment Installed	1.5 m from Ground Level	Sample Received On	22.01.2026
Group	Atmospheric Pollution	Test Commenced On	22.01.2026
Discipline	Chemical	Test Completed On	25.01.2026

REFERENCE EQUIPMENT DETAILS				
Equipment Name	Make/Model	Equipment ID	Calibration Date	Due Date
Sound Level Meter with Data Logger	Lutron/SL-4023SD	PCEI/Noise/03	02.05.2025	01.05.2026

Day Time		
Date	Time	Readings dB(A)
21.01.2026	09:00 - 10:00	55.0
21.01.2026	10:00 - 11:00	55.1
21.01.2026	11:00 - 12:00	54.5
21.01.2026	12:00 - 13:00	54.8
21.01.2026	13:00 - 14:00	56.5
21.01.2026	14:00 - 15:00	54.0
21.01.2026	15:00 - 16:00	53.2
21.01.2026	16:00 - 17:00	50.2
21.01.2026	17:00 - 18:00	48.9
21.01.2026	18:00 - 19:00	48.1
21.01.2026	19:00 - 20:00	50.8
21.01.2026	20:00 - 21:00	53.6
21.01.2026	21:00 - 22:00	53.7
22.01.2026	06:00 - 07:00	55.1
22.01.2026	07:00 - 08:00	54.5
22.01.2026	08:00 - 09:00	52.4

Night Time		
Date	Time	Readings dB(A)
21.01.2026	22:00 - 23:00	44.3
21.01.2026	23:00 - 00:00	42.4
22.01.2026	00:00 - 01:00	42.0
22.01.2026	01:00 - 02:00	40.3
22.01.2026	02:00 - 03:00	39.5
22.01.2026	03:00 - 04:00	41.7
22.01.2026	04:00 - 05:00	42.2
22.01.2026	05:00 - 06:00	43.4

Time	Min	Max	Leq dB(A)	CPCB Standard Limit
Day	48.1	56.5	53.7	55 dB(A)
Night	39.5	44.3	42.2	45 dB(A)

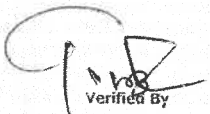
Note:

Limit as per THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000, Schedule Ambient Air Quality Standards in respect of Noise in Residential Area Daytime 55 dB(A) & Night Time 45 dB(A). 1. Day time shall mean from 6.00 a.m. to 10.00 p.m. 2. Night time shall mean from 10.00 p.m. to 6.00 a.m. The Noise level were monitored as per IS 9989-1981 and CPCB Protocol for Ambient Noise Level Monitoring, Jul 2015.


Remarks: The above result shows that the noise level meets the NAAQ standard for Residential area noise levels.

Note: 1. The test results are only for the sample submitted for test. 2. Any Correction of the test in full or in part shall invalidate the report. 3. The sample will be retained for 15 days from the reporting except in case of regulatory samples or specifically instructed by client. 4. Perishable sample will be discarded immediately after reporting 5. Under no circumstances lab accept any liability or loss / damage caused by use or misuse of test report after invoicing or issued of test reports.

..... End of Report
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Verified By




Authorized Signatory
D.Balanayagi
Technical Manager

TEST REPORT

(An ISO : 9001, ISO : 14001, ISO : 45001 Certified Company)

Accredited by NABL vide TC-7446, NABET / QCI, Recognised by MoEF&CC

Report No	: PCEI/TR-AAQ-0493	Report Date	: 20.01.2026
Discipline	: Chemical	Group	: Atmospheric Pollution
Issued to	: M/s.Chennai Metro Rail Limited, METROS No.327 Anna Salai, Nandanam, Chennai - 600035		
Sampling Method	: PCEI/SOP/AAQ/003		
Sampled by	: Laboratory		
Sample Collected Date	: 14.01.2026 to 15.01.2026	Sample Reference No	: PCEI/AAQ-0493-01/26
Sample Description	: Ambient Air Quality	Sample Received On	: 15.01.2026
Qty of Sample Received	: Filter Paper & 30ml	Test Commenced On	: 17.01.2026
Sample Condition	: Fit for Analysis	Test Completed On	: 20.01.2026
Sampling Location	: Greenways		

Weather Condition	
Ambient Temperature	: 30.9°C
Relative Humidity	: 51%
Climate Condition	: Scattered clouds
Predominant Wind Direction	: NNW

S.No	Parameters	Units	Test Method	Results	NAAQ Standards for Industrial, Residential, Rural and Other Area (TWA for 24 Hrs)
1	Sulphur dioxide (SO ₂)	µg/m ³	IS 5182 Part 2/Sec 1 : 2023	11.5	80
2	Oxides of Nitrogen (NO ₂)	µg/m ³	IS 5182 (Part 6): 2006	26.8	80
3	Respirable Particulate Matter (PM ₁₀)	µg/m ³	IS 5182 (Part 23): 2006	63.9	100
4	Respirable Particulate Matter (PM _{2.5})	µg/m ³	IS 5182 (Part 24): 2019	35.1	60
5	Carbon Monoxide (CO)	mg/m ³	IS 5182 (Part 10):2019	BDL(DL:1.14)	4**

Notes: i) TWA - Time Weighted Average ii) ** - TWA for 1 Hour iii) * - TWA for Annual
BDL - Below Detection Limit ; DL - Detection Limit, mg/m³ milligram per cubic meter, µg/m³- microgram per cubic meter.

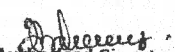
Remarks: The above tested parameters are within the limits of NAAQ Standards for Industrial, Residential, Rural and Other Area (TWA for 24 Hrs).

Note: 1. The test results are only for the sample submitted for test. 2. Any Correction of the rest in full or in part shall invalidate the report. 3. The sample will be retained for 15 days from the reporting except in case of regulatory samples or specifically instructed by client. 4. Perishable sample will be discarded immediately after reporting 5. Under no circumstances lab accept any liability or loss / damage caused by use or misuse of test report after invoicing or issued of test reports.

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D.Balanayagi
Technical Manager

TEST REPORT

(An ISO : 9001, ISO : 14001, ISO : 45001 Certified Company)

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Issued to	M/s.Chennai Metro Rail Limited, METROS No.327 Anna Salai, Nandanam, Chennai - 600035
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Report No	PCEI/TR-N-0498
Report Date	20.01.2026

Sampling Location	Greenways		
Sample Description	Noise Monitoring	Category of Area	Residential Area
Sampling Method	IS 9989 - 1981 (RA 2020)	Sample Reference No	PCEI/N-0498-01-26
Sampled by	Laboratory	Sampling Date	14.01.2026 to 15.01.2026
Equipment Installed	1.5 m from Ground Level	Sample Received On	17.01.2026
Group	Atmospheric Pollution	Test Commenced On	17.01.2026
Discipline	Chemical	Test Completed On	20.01.2026

REFERENCE EQUIPMENT DETAILS				
Equipment Name	Make/Model	Equipment ID	Calibration Date	Due Date
Sound Level Meter with Data Logger	Lutron/SL-4023SD	PCEI/Noise/03	02.05.2025	01.05.2026

Day Time		
Date	Time	Readings dB(A)
14.01.2026	09:00 - 10:00	54.2
14.01.2026	10:00 - 11:00	54.3
14.01.2026	11:00 - 12:00	53.7
14.01.2026	12:00 - 13:00	54.0
14.01.2026	13:00 - 14:00	55.7
14.01.2026	14:00 - 15:00	53.2
14.01.2026	15:00 - 16:00	52.4
14.01.2026	16:00 - 17:00	49.4
14.01.2026	17:00 - 18:00	48.1
14.01.2026	18:00 - 19:00	47.3
14.01.2026	19:00 - 20:00	50.0
14.01.2026	20:00 - 21:00	52.8
14.01.2026	21:00 - 22:00	52.9
15.01.2026	06:00 - 07:00	54.3
15.01.2026	07:00 - 08:00	53.7
15.01.2026	08:00 - 09:00	51.6

Night Time		
Date	Time	Readings dB(A)
14.01.2026	22:00 - 23:00	43.7
14.01.2026	23:00 - 00:00	41.8
15.01.2026	00:00 - 01:00	41.4
15.01.2026	01:00 - 02:00	39.7
15.01.2026	02:00 - 03:00	38.9
15.01.2026	03:00 - 04:00	41.1
15.01.2026	04:00 - 05:00	41.6
15.01.2026	05:00 - 06:00	42.8

Time	Min	Max	Leq dB(A)	CPCB Standard Limit
Day	47.3	55.7	52.9	55 dB(A)
Night	38.9	43.7	41.6	45 dB(A)

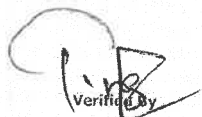
Note:

Limit as per THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000, Schedule Ambient Air Quality Standards in respect of Noise in Residential Area Daytime 55 dB(A) & Night Time 45 dB(A). 1. Day time shall mean from 6.00 a.m. to 10.00 p.m. 2. Night time shall mean from 10.00 p.m. to 6.00 a.m. The Noise level were monitored as per IS 9989-1981 and CPCB Protocol for Ambient Noise Level Monitoring, Jul 2015.

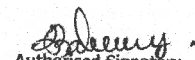
Remarks: The above result shows that the noise level meets the NAAQ standard for Residential area noise levels.

Note: 1. The test results are only for the sample submitted for test. 2. Any Correction of the test in full or in part shall invalidate the report. 3. The sample will be retained for 15 days from the reporting except in case of regulatory samples or specifically instructed by client. 4. Perishable sample will be discarded immediately after reporting 5. Under no circumstances lab accept any liability or loss / damage caused by use or misuse of test report after invoicing or issued of test reports.

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D.Balanayagi
Technical Manager

TEST REPORT

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Accredited by NABL vide TC-7446, NABET / QCI, Recognised by MoEF&CC

Report No	: PCEI/TR-AAQ-0183	Report Date	: 13.01.2026
Discipline	: Chemical	Group	: Atmospheric Pollution
Issued to	: M/s.Chennai Metro Rail Limited, METROS No.327 Anna Salai, Nandanam, Chennai - 600035.		
Sampling Method	: PCEI/SOP/AAQ/003		
Sampled by	: Laboratory		
Sample Collected Date	: 07.01.2026 to 08.01.2026	Sample Reference No	: PCEI/AAQ-183-01-26
Sample Description	: Ambient Air Quality	Sample Received On	: 08.01.2026
Qty of Sample Received	: Filter Paper & 30ml	Test Commenced On	: 08.01.2026
Sample Condition	: Fit for Analysis	Test Completed On	: 13.01.2026
Sampling Location	: Greenways		

Weather Condition	
Ambient Temperature	: 30.2°C
Relative Humidity	: 53%
Climate Condition	: Scattered clouds
Predominant Wind Direction	: SE

S.No	Parameters	Units	Test Method	Results	NAAQ Standards for Industrial, Residential, Rural and Other Area (TWA for 24 Hrs)
1	Sulphur dioxide (SO ₂)	µg/m ³	IS 5182 Part 2/Sec 1 : 2023	11.5	80
2	Oxides of Nitrogen (NO ₂)	µg/m ³	IS 5182 (Part 6): 2006	26.8	80
3	Respirable Particulate Matter (PM ₁₀)	µg/m ³	IS 5182 (Part 23): 2006	63.9	100
4	Respirable Particulate Matter (PM _{2.5})	µg/m ³	IS 5182 (Part 24): 2019	35.1	60
5	Carbon Monoxide (CO)	mg/m ³	IS 5182 (Part 10):2019	BDL(DL:1.14)	4**

Notes: i) TWA - Time Weighted Average ii) ** - TWA for 1 Hour iii) * - TWA for Annual

BDL - Below Detection Limit ; DL - Detection Limit, mg/m³milligram per cubic meter, µg/m³- microgram per cubic meter.

Remarks: The above tested parameters are within the limits of NAAQ Standards for Industrial, Residential, Rural and Other Area (TWA for 24 Hrs).

Note: 1. The test results are only for the sample submitted for test. 2. Any Correction of the test in full or in part shall invalidate the report. 3. The sample will be retained for 15 days from the reporting except in case of regulatory samples or specifically instructed by client. 4. Perishable sample will be discarded immediately after reporting 5. Under no circumstances lab accept any liability or loss / damage caused by use or misuse of test report after invoicing or issued of test reports.

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Accredited by NABL vide TC-7446, NABET / QCI, Recognised by MoEF&CC

Issued to	M/s.Chennai Metro Rail Limited, METROS
	No.327 Anna Salai,
	Nandanam, Chennai - 600035

Report No	PCEI/TR-N-0188
Report Date	13.01.2026

Sampling Location	Greenways		
Sample Description	Noise Monitoring	Category of Area	Residential Area
Sampling Method	IS 9989 – 1981 (RA 2020)	Sample Reference No	PCEI/N-188-01-26
Sampled by	Laboratory	Sampling Date	07.01.2026 to 08.01.2026
Equipment Installed	1.5 m from Ground Level	Sample Received On	08.01.2026
Group	Atmospheric Pollution	Test Commenced On	08.01.2026
Discipline	Chemical	Test Completed On	13.01.2026

REFERENCE EQUIPMENT DETAILS				
Equipment Name	Make/Model	Equipment ID	Calibration Date	Due Date
Sound Level Meter with Data Logger	Lutron/SL-4023SD	PCEI/Noise/03	02.05.2025	01.05.2026

Day Time		
Date	Time	Readings dB(A)
07.01.2026	09:00 - 10:00	53.6
07.01.2026	10:00 - 11:00	53.7
07.01.2026	11:00 - 12:00	53.1
07.01.2026	12:00 - 13:00	53.4
07.01.2026	13:00 - 14:00	55.1
07.01.2026	14:00 - 15:00	52.6
07.01.2026	15:00 - 16:00	51.8
07.01.2026	16:00 - 17:00	48.8
07.01.2026	17:00 - 18:00	47.5
07.01.2026	18:00 - 19:00	46.7
07.01.2026	19:00 - 20:00	49.4
07.01.2026	20:00 - 21:00	52.2
07.01.2026	21:00 - 22:00	52.3
08.01.2026	06:00 - 07:00	53.7
08.01.2026	07:00 - 08:00	53.1
08.01.2026	08:00 - 09:00	51.0

Night Time		
Date	Time	Readings dB(A)
07.01.2026	22:00 - 23:00	43.3
07.01.2026	23:00 - 00:00	41.4
08.01.2026	00:00 - 01:00	41.0
08.01.2026	01:00 - 02:00	39.3
08.01.2026	02:00 - 03:00	38.5
08.01.2026	03:00 - 04:00	40.7
08.01.2026	04:00 - 05:00	41.2
08.01.2026	05:00 - 06:00	42.4

Time	Min	Max	Leq dB(A)	CPCB Standard Limit
Day	46.7	55.1	52.3	55 dB(A)
Night	38.5	43.3	41.2	45 dB(A)

Note:

Limit as per THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000, Schedule Ambient Air Quality Standards in respect of Noise in Residential Area Daytime 55 dB(A) & Night Time 45 dB(A). 1. Day time shall mean from 6.00 a.m. to 10.00 p.m. 2. Night time shall mean from 10.00 p.m. to 6.00 a.m. The Noise level were monitored as per IS 9989-1981 and CPCB Protocol for Ambient Noise Level Monitoring, Jul 2015.

Remarks: The above result shows that the noise level meets the NAAQ standard for Residential area noise levels.

Note: 1. The test results are only for the sample submitted for test. 2. Any Correction of the rest in full or in part shall invalidate the report. 3. The sample will be retained for 15 days from the reporting except in case of regulatory samples or specifically instructed by client. 4. Perishable sample will be discarded immediately after reporting. 5. Under no circumstances lab accept any liability or loss / damage caused by use or misuse of test report after invoicing or issued of test reports.

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Technical Manager



POLLUCARE ENGINEERS INDIA PVT.LTD (LABORATORY DIVISION)

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Accredited by NABL vide TC-7446, NABET / QCI, Recognised by MoEF&CC

Report No	: PCEI/TR-W-1283	Report Date	: 02.02.2026
Discipline	: Chemical	Group	: Water
Issued to	: M/s.Chennai Metro Rail Limited, METROS No.327 Anna Salai, Nandanam, Chennai - 600035		
Sampling Method	: PCEI/SOP/W&WW/052		
Sampled by	: Laboratory		
Sample Collected Date	: 28.01.2026		
Sample Description	: Borewell Water		
Qty of Sample Received	: 2 Litres		
Sample Condition	: Fit for Analysis		
Sampling Location	: Greenways		
		Sample Reference No	: PCEI/W-1283-01/25
		Sample Received On	: 29.01.2026
		Test Commenced On	: 29.01.2026
		Test Completed On	: 02.02.2026

S.No	Parameters	Units	Test Method	Results	Drinking Water specification as per IS 10500:2012	
					Requirement (Acceptable Limit)	Permissible Limit in the absence of alternative source
1	Colour	Hazen	IS 3025 (Part 4) 2021	10	5	15
2	Odour	-	IS 3025 (Part 5) (RA 2018)	Agreeable	Agreeable	Agreeable
3	Taste	-	IS 3025 (Part 7) 1984 (RA 2017)	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS 3025 (Part 10) 2023	BDL(DL:0.1)	1	5
5	pH @ 25°C	-	IS 3025 (Part 11) 2022	7.18	6.5 - 8.5	No Relaxation
6	Total Hardness (as CaCO ₃)	mg/L	IS 3025 (Part 21) 2009 (RA 2019)	346	200	600
7	Iron (as Fe)	mg/L	IS 3025 (Part 53) 2003 (RA 2019)	0.42	0.3	No Relaxation
8	Chloride (as Cl)	mg/L	IS 3025 (Part 32) 1988 (RA 2019)	336	250	1000
9	Free Residual Chlorine	mg/L	IS 3025 (Part 26) 2021	BDL(DL:1.0)	0.2	1
10	Total Dissolved Solids @ 180°C	mg/L	IS 3025 (Part 16) 2023	1025	500	2000
11	Calcium (as Ca)	mg/L	IS 3025 (Part 40) 1991 (RA 2019)	83.40	75	200
12	Copper (as Cu)	mg/L	IS 3025 (Part 2) 2019	0.03	0.05	1.5
13	Manganese (as Mn)	mg/L	IS 3025 (Part 2) 2019	0.02	0.1	0.3
14	Sulphate (as SO ₄)	mg/L	IS 3025 (Part 24)/ Sec 1:2022	98.30	200	400
15	Nitrate (as NO ₃)	mg/L	APHA 24th Edition 4500 NO ₃ ,Part B	9.63	45	No Relaxation
16	Fluoride (as F)	mg/L	APHA 24th Edition 4500F B,D	BDL(DL:0.1)	1.0	1.5
17	Phenolic compound (as C ₆ H ₅ OH)	mg/L	IS 3025 Part 43 / Sec 1:2022	BDL(DL:0.0001)	0.001	0.002
18	Mercury (as Hg)	mg/L	PCEI/SOP/HM/001:2020	BDL(DL:0.001)	0.001	No Relaxation

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Technical Manager

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Report No		: PCEI/TR-W-1283		Report Date		: 02.02.2026	
S.No	Parameters	Units	Test Method	Results	Drinking Water specification as per IS 10500:2012		
					Requirement (Acceptable Limit)	Permissible Limit in the absence of alternative source	
19	Selenium (as Se)	mg/L	IS 3025 (Part 2) 2019	BDL(DL:0.01)	0.01	No Relaxation	
20	Arsenic (as As)	mg/L	IS 3025 (Part 2) 2019	BDL(DL:0.001)	0.01	No Relaxation	
21	Cyanide (as CN)	mg/L	APHA 24th Edition,4500 CN- B,E	BDL(DL:0.02)	0.05	No Relaxation	
22	Lead (as Pb)	mg/L	IS 3025 (Part 2) 2019	BDL(DL:0.01)	0.01	No Relaxation	
23	Zinc (as Zn)	mg/L	IS 3025 (Part 2) 2019	0.09	5	15	
24	Anionic Detergents (as MBAS)	mg/L	IS 13428:2005 (Annex K) :2018	BDL(DL:0.1)	0.2	1.0	
25	Chromium (as Cr ⁶⁺)	mg/L	IS 3025 (Part 52) 2003 (RA 2019)	BDL(DL:0.03)	0.05	No Relaxation	
26	Mineral Oil	mg/L	IS 3025 (Part 39) 1991 (RA 2021)	BDL(DL:0.1)	0.5	No Relaxation	
27	Silica (as SiO ₂)	mg/L	IS 3025 (Part 35) 1988 (RA 2023)	5.62	-	-	
28	Pesticides	mg/L	PCEI/SOP/W/075	Absent	-	-	
29	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025 (Part 23) 2023	561	200	600	
30	Aluminium (as Al)	mg/L	IS 3025 (Part 2) 2019	BDL(DL:0.01)	0.03	0.2	
31	Boron (as B)	mg/L	IS 3025 (Part 2) 2019	BDL(DL:0.05)	0.5	2.4	
32	Magnesium (as Mg)	mg/L	IS 3025 (Part 46) 2023	33.50	30	100	
33	Molybdenum (as Mo)	mg/L	IS 3025 (Part 2) 2019	BDL(DL:0.01)	0.07	No Relaxation	
34	Nickel (as Ni)	mg/L	IS 3025 (Part 2) 2019	0.03	0.02	No Relaxation	
35	Silver (as Ag)	mg/L	IS 3025 (Part 2) 2019	BDL(DL:0.01)	0.1	No Relaxation	
36	Sulphide (as H ₂ S)	mg/L	IS 3025 (Part 29) 2022	BDL(DL:0.02)	0.05	No Relaxation	
37	Ammonia Total (as NH ₃ - N)	mg/L	IS 3025 (Part 34) / Sec1:2023	BDL(DL:0.1)	0.5	No Relaxation	
38	Chloramines (as Cl ₂)	mg/L	IS 3025 (Part 26) 1986 (RA 2019)	BDL(DL:1.0)	4.0	No Relaxation	
Microbiological Parameters							
35	Escherichia coli	MPN/100ml	IS 1622 : 1981	34	-	-	

Note: All the above test parameters are carried with the sample's "as received condition". <2 mean's Absent.

BDL - Below Detection Limit; DL - Detection Limit, µs/cm-microsiemens per centimeter, NTU-Nephelometric Turbidity Unit, MPN-Most Probable Number.

Note: 1. The test results are only for the sample submitted for test. 2. Any Correction of the rest in full or in part shall invalidate the report. 3. The sample will be retained for 15 days from the reporting except in case of regulatory samples or specifically instructed by client. 4. Perishable sample will be discarded immediately after reporting 5. Under no circumstances lab accept any liability or loss / damage caused by use or misuse of test report after invoicing or issued of test reports.

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Gowsalya Rajendran
Technical Manager - Biological



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D.Balanayagi
Technical Manager - Chemical

TEST REPORT

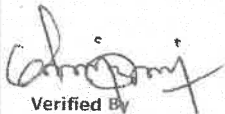
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Report No	: PCEI/TR-W-12177	Report Date	: 27.01.2026
Discipline	: Chemical & Biological	Group	: Water
Issued to	: M/s.Chennai Metro Rail Limited, METROS No.327 Anna Salai, Nandanam, Chennai - 600035		
Sampling Method	: PCEI/SOP/W&WW/052	Sample Reference No	: PCEI/W-1177-01/26
Sampled by	: Laboratory	Sample Received On	: 22.01.2026
Sample Collected Date	: 21.01.2026	Test Commenced On	: 22.01.2026
Sample Description	: Drinking Water	Test Completed On	: 27.01.2026
Qty of Sample Received	: 2.5 Litres + 500ml		
Sample Condition	: Fit for Analysis		
Sampling Location	: Greenways		

S.No	Parameters	Units	Test Method	Results	Drinking Water specification as per IS 10500:2012	
					Requirement (Acceptable Limit)	Permissible Limit in the absence of alternative source
1	Colour	Hazen	IS 3025 (Part 4) 2021	BDL(DL:1.0)	5	15
2	Odour	-	IS 3025 (Part 5) : 2018	Agreeable	Agreeable	Agreeable
3	Taste	-	IS 3025 (Part 7) : 2017	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS 3025 (Part 10) 2023	BDL(DL:0.1)	1	5
5	pH @ 25°C	-	IS 3025 (Part 11) 2022	6.72	6.5 - 8.5	No Relaxation
6	Total Hardness (as CaCO ₃)	mg/L	IS 3025 (Part 21) 2009	9.61	200	600
7	Iron (as Fe)	mg/L	IS 3025 (Part 2) : 2019	BDL(DL:0.1)	0.3	No Relaxation
8	Chloride (as Cl)	mg/L	IS 3025 (Part 32) : 2019	8.50	250	1000
9	Free Residual Chlorine	mg/L	IS 3025 (Part 26) 2021	BDL(DL:1.0)	0.2	1
10	Total Dissolved Solids @ 180°C	mg/L	IS 3025 Part 16 : 2023	26.4	500	2000
11	Calcium (as Ca)	mg/L	IS 3025 Part 40: 2024	2.10	75	200
12	Copper (as Cu)	mg/L	IS 3025 Part 2 : 2019	BDL(DL:0.01)	0.05	1.5
13	Manganese (as Mn)	mg/L	IS 3025 Part 2 : 2019	BDL(DL:0.05)	0.1	0.3
14	Sulphate (as SO ₄ ²⁻)	mg/L	IS 3025 Part 24 Sec 1: 2022	BDL(DL:1.0)	200	400
15	Nitrate (as NO ₃)	mg/L	APHA 24th Edition 4500 NO ₃ , Part B: 2023	BDL(DL:1.0)	45	No Relaxation
16	Fluoride (as F)	mg/L	APHA 24th Edition 4500 F-D : 2023	BDL(DL:0.1)	1.0	1.5
17	Phenolic compound (as C ₆ H ₅ OH)	mg/L	IS 3025 Part 43/Sec 1 2022	BDL(DL:0.001)	0.001	0.002
18	Mercury (as Hg)	mg/L	PCEI/SOP/HM/001: 2020	BDL(DL:0.001)	0.001	No Relaxation

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Technical Manager

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Report No		: PCEI/TR-W-0644		Report Date		: 27.01.2026	
S.No	Parameters	Units	Test Method	Results	Drinking Water specification as per IS 10500:2012		
					Requirement (Acceptable Limit)	Permissible Limit in the absence of alternative source	
19	Selenium (as Se)	mg/L	IS 3025 Part 2 : 2019	BDL(DL:0.01)	0.01	No Relaxation	
20	Arsenic (as As)	mg/L	IS 3025 Part 2 : 2019	BDL(DL:0.001)	0.01	No Relaxation	
21	Cyanide (as CN)	mg/L	APHA 24th Edition, 4500 CN- B, E: 2023	BDL(DL:0.02)	0.05	No Relaxation	
22	Lead (as Pb)	mg/L	IS 3025 Part 2 : 2019	BDL(DL:0.01)	0.01	No Relaxation	
23	Zinc (as Zn)	mg/L	IS 3025 Part 2 : 2019	BDL(DL:0.01)	5	15	
24	Anionic Detergents (as MBAS)	mg/L	IS 13428 Annexure K : 2018	BDL(DL:0.1)	0.2	1.0	
25	Chromium (as Cr ⁶⁺)	mg/L	IS 3025 (Part 52): 2003	BDL(DL:0.03)	0.05	No Relaxation	
26	Acidity as CaCO ₃	mg/L	IS 3025 Part 22:2019	BDL(DL:1.0)	-	-	
27	Silica (as SiO ₂)	mg/L	IS 3025 Part 35 2024	BDL(DL:0.1)	-	-	
28	Nitrite as NO ₂	mg/L	IS 3025 Part 34/Sec1:2023	BDL(DL:0.01)	-	-	
29	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025 Part 23 : 2023	14.20	200	600	
30	Aluminium (as Al)	mg/L	IS 3025 Part 2 : 2019	BDL(DL:0.01)	0.03	0.2	
31	Boron (as B)	mg/L	IS 3025 Part 2 : 2019	BDL(DL:0.05)	0.5	2.4	
32	Magnesium (as Mg)	mg/L	IS 3025 Part 46 : 2023	1.06	30	100	
33	Cadmium as Cd	mg/L	IS 3025 (Part 2) 2019	BDL(DL:0.001)	0.03	No Relaxation	
34	Nickel (as Ni)	mg/L	IS 3025 Part 54 : 2019	BDL(DL:0.01)	0.02	No Relaxation	
35	Silver (as Ag)	mg/L	IS 3025 Part 2 : 2019	BDL(DL:0.01)	0.1	No Relaxation	
36	Sodium as Na	mg/L	IS 3025 Part 45:019	BDL(DL:0.5)	-	-	
37	Ammonia Total (as NH ₃ N)	mg/L	IS 3025 Part 34/Sec 1 :2023	BDL(DL:0.1)	0.5	No Relaxation	
38	Potassium as K	mg/L	IS 3025 Part 45:2019	BDL(DL:0.5)	-	-	
Microbiological Parameters							
39	Total coliform	Per 100ml	IS 15185 : 2016	Absent	-	-	
40	Escherichia coli	Per 100ml	IS 15185 : 2016	Absent	-	-	

Note: All the above test parameters are carried with the sample's "as received condition".

BDL - Below Detection Limit; DL - Detection Limit.mg/L-milligram per Liter,NTU-Nephelometric Turbidity Unit.

Remarks: The above tested parameters are within the limits of Drinking Water specification as per IS 10500:2012.

Note: 1. The test results are only for the sample submitted for test. 2. Any Correction of the rest in full or in part shall invalidate the report. 3. The sample will be retained for 15 days from the reporting except in case of regulatory samples or specifically instructed by client. 4. Perishable sample will be discarded immediately after reporting 5. Under no circumstances lab accept any liability or loss / damage caused by use or misuse of test report after invoicing or issued of test reports.

..... End of Report

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[Signature]
Verified By

[Signature]
Authorised Signatory
Gowsalya Rajendran
Technical Manager - Biological



[Signature]
Authorised Signatory
D. Balanayagi
Technical Manager - Chemical

Labour Camp and Material Storage photographs

Material Storage (Non CRZ Area)





Labour Camp

