

Chettinad Cement Corporation Private Limited

Ariyalur Trichy Road
Keelapaluvur -621707
Ariyalur.(Dt)

PERIYATHIRUKONAM LIMESTONE MINES (AREA: 32.295 HECTARES)

Compliance report for the conditions specified in the renewal consent Order 2505157546648 dated 14/03/2025 under Water Act

| No. | Special Additional Conditions | Status of Compliance |
|-----|---|--|
| 1 | The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board/National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002. | We are not using any Biological resources or Knowledge associated thereto as per the provisions of Biological Diversity Act 2002. Hence this condition is not Applicable. |
| 2 | The industries shall take all efforts to use and popularize "Mission LiFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LiFE" action points and document the same and furnish half yearly report to Board. | We have taken efforts to adopt the "Mission LiFE" in our activities life meeting and in our Awareness programs. Every Month "Mission LiFE" pledge has been taken by our entire Plant & Mines team in a Common meeting forum. Reports on this activities are enclosed as Annexure-1 |

| No. | Additional Conditions | STATUS OF COMPLIANCE |
|-----|--|--|
| 1. | The unit shall treat and dispose the sewage generated from the unit through septic tank followed by soak pit. | One number of septic tank followed by dispersion trench of dimension 2.3 x 1.2 x 1.3 in meters are provided or the disposal of sewage in our mines office. Annexure-07 |
| 2. | The unit shall comply with all the conditions mentioned in the Environmental Clearance issued by State Environment Impact Assessment Authority Chennai vide Lr. No. SEIAATN/F.No.6283/ALR/1(a) /EC-4020/2019 dated: 19/08/2019 and Lr.No.SEIAA -TN/F.No.10584/A/2025 | We are complying with all the conditions stipulated in the Environmental Clearance issued by SEIAA. |

| | | |
|----|--|--|
| | dated:20.01.2025 | |
| 3 | Thick green belt with native species shall be developed in the safety distance proposed as per EC issued. | Green belt has been developed in the safety distance and photos enclosed as Annexure-4 |
| 4. | Peripheral plantations shall be raised as windshield to minimize the dry tailings being air-borne and to prevent the soil erosion. | Peripheral plantations have been raised to minimize the dry tailings and to prevent the soil erosion. Annexure-4 |
| 5. | Garland drains provided around the open cast excavation area, stacking, loading area and periphery of waste dumps shall be maintained so as to collect and discharge the rush of water during heavy rain. The water collected in the garland drain shall flow towards the settling tank. | Garland drains with settling tank has been maintained to collect the rush of water and enclosed as Annexure-8. |
| 6. | The unit shall collect the rain water and seepage in the collection sump provided and the same shall be utilized for irrigation. | Rainwater harvesting facility is maintained at Mines and utilized for Water sprinkling and utilize for irrigation purpose. Photos enclosed in Annexure-9. |
| 7. | Wherever practicable, the mine water shall be utilized for irrigation and to the plantation raised to stabilize the mine waste dumps | Rainwater harvesting facility is maintained at Mines and utilized for Water sprinkling and utilize for irrigation purpose. Photos enclosed in Annexure-9. |
| 8. | The unit shall not use 'use and throwaway plastics' such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead it shall encourage use of eco-friendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates/ cups, cloth bag, jute bag etc | We are strictly following the ban on "use and throw away plastics" in our premises and We have made awareness program for the same & enclosed as Annexure-6. |



B. Vikram Pyus
Dy. General Manager(Mines)

Chettinad Cement Corporation Private Limited
Ariyalur Trichy Road
Keelapaluvur -621707
Ariyalur (Dt)

PERIYATHIRUKONAM LIMESTONE MINES (AREA: 32.295 HECTARES)

Compliance report for the conditions specified in the renewal consent Order 2505257546648 dated 14/03/2025 under Air Act

| No. | Special Additional Conditions | Status of Compliance |
|-----|---|---|
| 1 | The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board/National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002. | We are not using any Biological resources or Knowledge associated thereto as per the provisions of Biological Diversity Act 2002. Hence this condition is not Applicable. |
| 2 | The industries shall take all efforts to use and popularize "Mission LiFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LiFE" action points and document the same and furnish half yearly report to Board. | We have taken efforts to adopt the "Mission LiFE" in our activities life meeting and in our Awareness programs. Every Month "Mission LiFE" pledge has been taken by our entire Plant & Mines team in a Common meeting forum. Reports on this activities are enclosed as Annexure-1 |

| No | Additional Conditions | Status of Compliance |
|----|---|--|
| 1 | The unit shall operate and maintain the Air Pollution Control measures efficiently and continuously so as to bring the quality of emission to the Ambient Air Quality / Emission standards prescribed by the Board. | Regular and Periodical water sprinkling on the haul roads were carried out to arrest the dust generation during the movement of vehicles Annexure-2 and to achieve the ambient air quality emission standards prescribed by the Board & enclosed as Annexure-3 |
| 2 | The unit shall operate the water sprinklers effectively to suppress the dust generated during Mining and vehicle movements. | Regular and Periodical water sprinkling on the haul roads carried out to arrest the dust generation during the movement of vehicles. Annexure -2 |

| | | |
|---|--|---|
| 3 | The haul roads in the mines shall be adequately water sprayed | Regular and Periodical water sprinkling on the haul roads carried out to arrest the dust generation during the movement of vehicles. Annexure-2 |
| 4 | The unit shall comply with all the conditions mentioned in the Environmental Clearance issued by State Environment Impact Assessment Authority Chennai vide Lr. No. SEIAATN/F.NO.62883/ALR/1(a)/EC-4020/2019 dated 19/08/2019 and Lr.No.SEIAA-TN/F.No.10584/A/2025 dated: 20.01.2025 | We are complying with all the conditions stipulated in the Environmental Clearance issued by MOEF, GOI, and New Delhi. Last EC compliance report was submitted for the period of Apr 2026 to Sep 2026 on 28.11.2025 |
| 5 | Thick green belt with native species shall be developed in the 50 m safety distance in the land area in the periphery. | Green belt has been developed in the 50 m safety distance and photos enclosed as Annexure-4 . |
| 6 | Peripheral plantations shall be raised as wind belts to minimize the dry tailings being air-borne and to prevent the soil erosion. | Peripheral plantations have been raised to minimize the dry tailings and to prevent the soil erosion. Annexure-4 . |
| 7 | The unit shall ensure that transport vehicle shall be leak proof and properly covered with tarpaulin so as to prevent dust from being air borne. | Limestone loaded vehicle will move from mines premises after it is covered by tarpaulin properly and photos enclosed as Annexure-5 . |
| 8 | The unit shall not use 'use and throwaway plastics' such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead it shall encourage use of ecofriendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates/ cups, cloth bag, jute bag etc. | We are following the ban on "use and throw away plastics" in our premises and We have made awareness program for the same & enclosed as Annexure-6 . |

B.Vikram Pyus

Dy. General Manager(Mines)



Mission LiFE

SAVE WATER

- Rainwater stored in Mines pit and utilizing for dust control and afforestation.
- Regularly measuring the Water level with 2 nos installed Piezometer
- To avoid silt we have constructed two numbers of Silting Pond.







SAVE ENERGY

In Energy Conservation Point of view Diesel pump replaced by Electrical Pump.



SAY NO TO SINGLE USE PLASTIC

Single Use Plastic Ban Awareness for Periyathirukonam Mines Employees.



ADOPT HEALTHY LIFESTYLES

- Limestone Material Moved with covered vehicle only.
- Mines Covered with Periphery Plantation to reduce noise pollution as well as dust pollution.
- Always ensure PPT while working in Mines

Tarpaulin Covered Tippers:





Periphery Plantation:





Compulsory PPE for Mine Workers:





WATER SPRINKLING





Tamil Nadu Pollution Control Board,
Advanced Environmental Laboratory,
 No: 25, SIDCO Industrial Estate, Thuvakudy, Trichy - 620 015.
 [email - aetry@tnpcb.gov.in]



TC-16049

TEST REPORT - AMBIENT AIR QUALITY SURVEY

| | | | |
|----------------|--------------------|------------------|-------------|
| ULR No | TC160492500000098F | | |
| Test Report No | 039AAQS/2025-26 | Date: 14.08.2025 | Page 1 of 1 |

| | |
|----------------------------------|--|
| Name and Address of the Industry | M/s.Chettinad Cements Corporation Pvt., Ltd., Periyathirukonam Limes Stone Mines, S.F.No.153/16 & etc., Periyathirukonam village, Ariyalur Taluk, Ariyalur District. |
|----------------------------------|--|

SAMPLE DETAILS

| | | | |
|------------------------------|------------------------|--------------------|------------|
| Product Category | Atmospheric Pollution | Date of survey | 19.06.2025 |
| Sample Name | Ambient Air | Sample Received on | 20.06.2025 |
| Sample Conditions at Receipt | Fit for Analysis | Test Commenced on | 20.06.2025 |
| Sampled by | Lab Authorized Sampler | Test Completed on | 20.06.2025 |

SAMPLING DETAILS

| | | | |
|--------------------------------|--|-------------------------------|---------------|
| Time of survey started in Hrs. | 06:00 AM | Time of survey Closed in Hrs. | 02:15 PM |
| Sampling Procedure | IS 5182 (Part 23) -Respirable suspended Particulate Matter (PM ₁₀) | | |
| | IS 5182 (Part 24) – Fine Particulate Matter (PM _{2.5}) | | |
| | IS 5182 (Part 2) – Sulphur Dioxide (SO ₂) | | |
| | IS 5182 (Part 6) – Oxides of Nitrogen (NO ₂) | | |
| Category of the Industry | Red / Small | Consent Order No. | 2505257546648 |
| Meteorological Conditions | Clear sky | Ambient Temperature (°C) | Min 30 Max 36 |
| Rain Fall (mm) | Nil | Relative Humidity (%) | Min 46 Max 57 |
| Predominant Wind direction | SW to NE | Mean Wind Speed (Km/hr) | 21.8 |

CHEMICAL PARAMETERS - AMBIENT AIR QUALITY SURVEY REPORT OF ANALYSIS

| Sl. No. | Location (On top of scaffolding near) | Direction | Distance from Source (m) | Height from GL (m) | Test Method | | | |
|---------|---------------------------------------|-----------|--------------------------|--------------------|--|-------------------------|-----------------------|------------------------|
| | | | | | IS 5182 (Part 23) -2006 | IS 5182 (Part 24) -2019 | IS 5182 (Part 2)-2023 | IS 5182 (Part 6) -2006 |
| | | | | | Pollutants Concentrations (µg/m ³) | | | |
| | | | | | PM ₁₀ | PM _{2.5} | SO ₂ | NO ₂ |
| 1. | NE corner of the mines | NE | 275 | 3.0 | 74 | 27 | 12 | 16 |
| 2. | SE corner of the mines | SE | 300 | 3.0 | 65 | - | 09 | 14 |
| 3. | SW corner of the mines | SW | 250 | 3.0 | 57 | 19 | 08 | 12 |
| 4. | NW corner of the mines | NW | 350 | 3.0 | 68 | - | 10 | 13 |

Remarks:

End of Report

(Handwritten Signature)
22/08/2025

(G. Srinithi)
Deputy Chief Scientific Officer
Authorised Signatory

NOTE: The test results relate only to the item tested as received and to the sampling period only. Any unauthorized alteration, forgery, or falsification of the content or appearance of this document is unlawful and will result in legal action against the offenders. The testing activities are performed in permanent facility located at AEL, TNPCB, Trichy.



TEST REPORT – AMBIENT NOISE LEVEL SURVEY

| | | | |
|-----------|--------------------|-------------------|-------------|
| ULR No | TC160492500000099F | | |
| Report No | 039ANLS/2025-26 | Date : 14.08.2025 | Page 1 of 1 |

| | | | |
|----------------------------------|--|---------------------------|------------------------|
| Name and Address of the Industry | M/s.Chettinad Cements Corporation Pvt., Ltd., Periyathirukonam Limes Stone Mines, S.F.No.153/16 & etc., Periyathirukonam village, Ariyalur Taluk, Ariyalur District. | | |
| SAMPLE DETAILS | | | |
| Product Category | Atmospheric Pollution | Date of survey | 19.06.2025 |
| Sample Name | Ambient Noise Level | Sampled by | Lab Authorized Sampler |
| Time of Survey | Day | Meteorological conditions | Clear (Calm) |
| SAMPLING DETAILS | | | |
| Sampling Procedure | IS 9989: 1981 | | |
| Category of the Industry | Red / Small | Consent Order No. | 2505257546648 |
| LOGGING PARAMETERS | | | |
| Instrument Used | Casella | Serial No. | 0499485 |
| Logging Interval | 10 Minutes in each point | Measuring Range | 40-130 dB(A) |
| Weightage | “A” | Mode | Fast |
| Sound Incidence | Random | Time of survey in Hrs. | 09:30 – 10:50 |

| AMBIENT NOISE LEVEL MONITORING - REPORT | | | | | |
|--|-------------------------------|----------------|------------------------|--------------------------|--|
| Sl. No. | Location | Duration (min) | Time of Sampling (hrs) | Distance from Source (m) | Test method |
| | | | | | IS 9989 - 1981 Sound Level dB(A) L _{eq} |
| 1. | Near NE corner of mines | 10 | 09:30 – 09:40 | 275 | 48.7 |
| 2. | Near SE corner of mines | 10 | 09:45 – 09:55 | 300 | 49.8 |
| 3. | Near Southern corner of mines | 10 | 10:00 – 10:10 | 250 | 50.3 |
| 4. | Near SW corner of mines | 10 | 10:20 – 10:30 | 250 | 49.8 |
| 5. | Near NW corner of mines | 10 | 10:40 – 10:50 | 350 | 52.0 |

Remarks:

End of Report


25/08/2025

(G. Srinithi)
Deputy Chief Scientific Officer
Authorised Signatory

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Tamil Nadu Pollution Control Board,
Advanced Environmental Laboratory,
No: 25, SIDCO Industrial Estate, Thuvakudy, Trichy - 620 015.
[email - aeltry@tnpcb.gov.in]

TEST REPORT
INFERENCE REPORT

1. Name and Address of the Industry : M/s.Chettinad Cements Corporation Pvt., Ltd.,
Periyathirukonam Limes Stone Mines,
S.F.No.153/16 & etc.,
Periyathirukonam village,
Ariyalur Taluk, Ariyalur District.
2. Date of Survey : 19.06.2025
3. Category of the Industry : Red / Small
4. Predominant Wind Direction : SW to NE
5. Meteorological conditions : Clear sky

STATUS OF POLLUTANTS LEVEL

I.AMBIENT AIR QUALITY:

1. Total No. of A.A.Q.S Monitored - 4
2. No. of A.A.Q. Station in which
pollutants level Exceeded the
Boards Standards - Nil

Minimum & Maximum Values of Pollutants Level Observed

| Sl.No. | Pollutants Monitored | Pollutants in ($\mu\text{g}/\text{m}^3$) | | Boards Standards (As per Consent Order) |
|--------|--|--|---------|---|
| | | Minimum | Maximum | |
| 1. | Respirable Suspended Particulate: PM_{10} | 57 | 74 | 100 |
| | Respirable Suspended Particulate: $\text{PM}_{2.5}$ | 19 | 27 | 60 |
| 2. | GASEOUS POLLUTANTS | | | |
| | SO_2 (Sulphur Dioxide) | 08 | 12 | 80 |
| | NO_2 (Nitrogen Dioxide) | 12 | 16 | 80 |

Remarks:

End of Report



(G. Srinithi)
Deputy Chief Scientific Officer
Authorised Signatory

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CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Periyathirukonam Lime Stone Mines [32.295 Ha]
Ariyalur Trichy Road, Keelapalur -621707
Ariyalur (Dt)

GREEN BELT DEVELOPMENT

| YEAR | Inside the Lease Area | | Outside the Lease Area | | Total | |
|--------------|-----------------------|------------------|------------------------|---------------|----------------|------------------|
| | Area (In Ha) | Numbers | Area (In Ha) | Numbers | Area (In Ha) | Numbers |
| 2019-20 | 1.00 | 2,500.00 | 0.16 | 400.00 | 1.16 | 2,900.00 |
| 2020-21 | 1.86 | 4,652.00 | - | - | 1.86 | 4,652.00 |
| 2021-22 | 2.32 | 4,100.00 | - | - | 2.32 | 4,100.00 |
| 2022-23 | 2.32 | 4,020.00 | - | - | 2.32 | 4,020.00 |
| 2023-24 | 1.15 | 2,282.00 | 0.26 | 517.00 | 1.41 | 2,799.00 |
| 2024-25 | 1.04 | 2,278.00 | - | - | 1.04 | 2,278.00 |
| 2025-26 | 1.01 | 2,020.00 | - | - | 1.01 | 2,020.00 |
| TOTAL | 7.76 | 21,852.00 | 0.42 | 917.00 | 11.12 | 22,769.00 |

GREEN BELT DEVELOPMENT

| S.No | Location | Latitude | Longitude |
|------|------------|-------------------------------------|-------------------------------------|
| 1 | Location-1 | 11°03' 31.70"N to 11°03' 33.25"N | 79°10' 15.65"E to 79°10' 17.25"E |
| 2 | Location-2 | 11°03' 36.55"N to 11°03' 38.80"N | 79°10' 17.75"E to 79°10' 20.00"E |
| 3 | Location-3 | 11°03' 34.90"N to 11°03' 38.00"N | 79°10' 22.00"E to 79°10' 23.80"E |







Limestone Loaded Vehicles Covered with Tarpalin



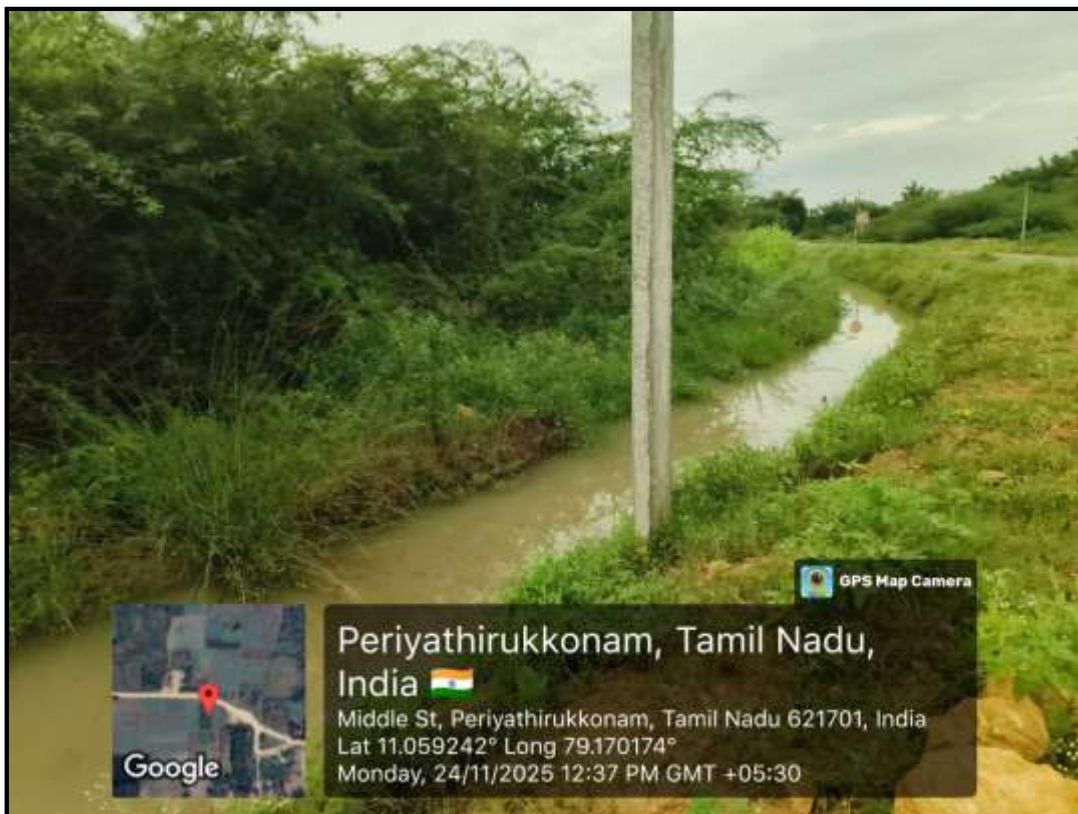
Ban on Single use Plastic awareness to Workers

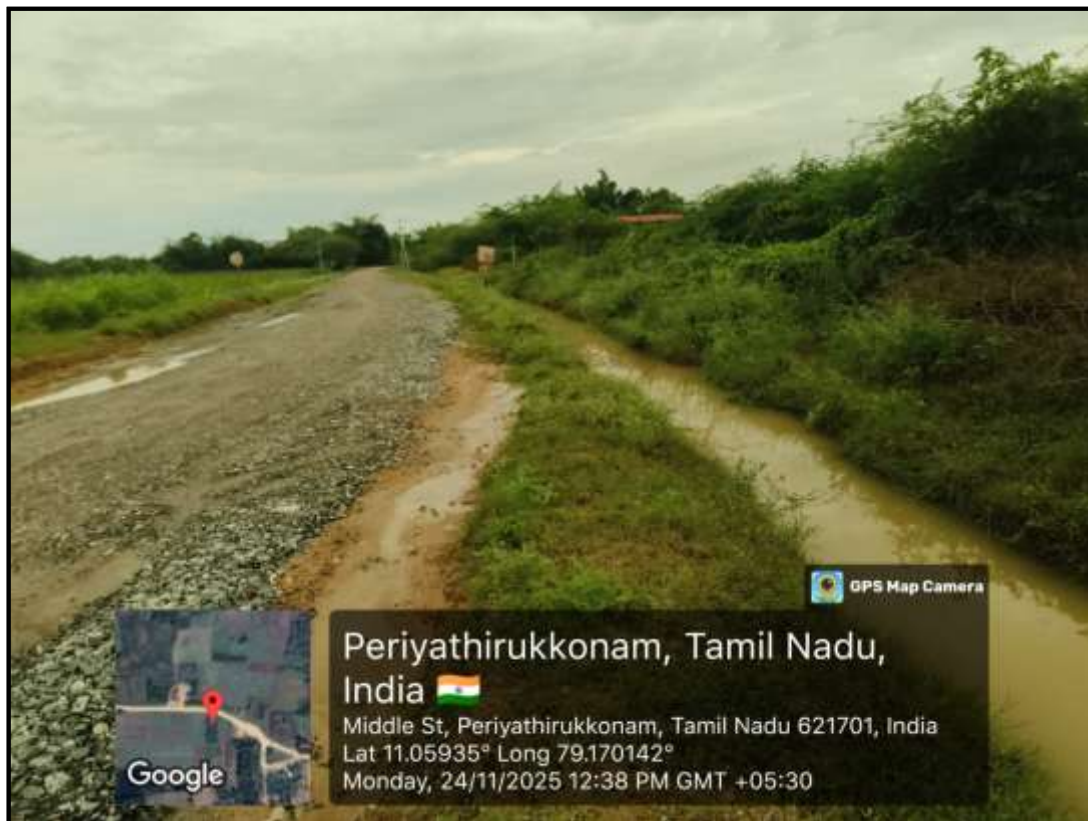


Toilet with dispersion Trench

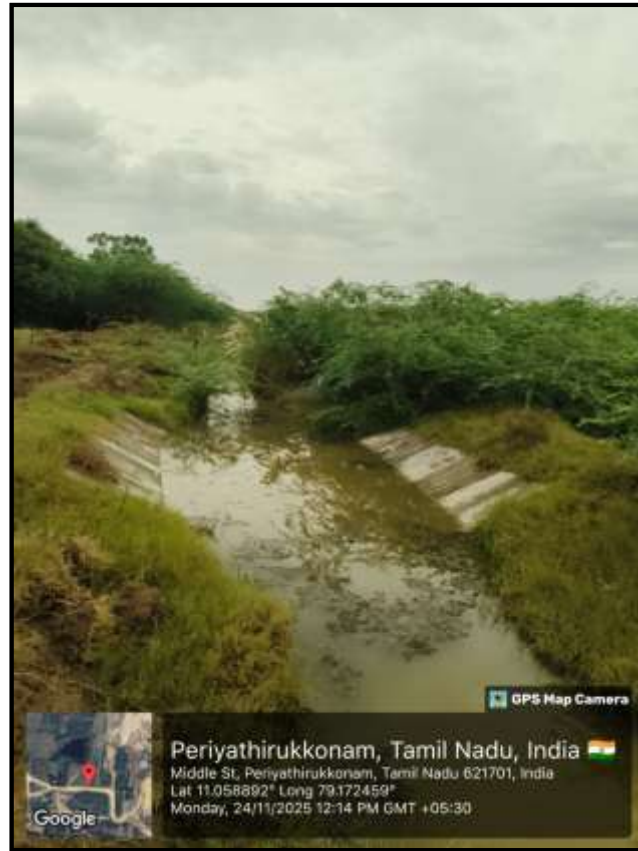


GARLAND DRAINAGE





SETTLING TANK



Rain Water Harvesting

Around 3.5 Ha Area of Mine Pit converted to Water reservoir area .

