

**State Expert Appraisal Committee (SEAC)**

**Minutes of 369<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) held on 20.04.2023 (Thursday) at SEIAA Conference Hall, 2<sup>nd</sup> Floor, Panagal Malligai, Saidapet, Chennai 600 015 for consideration of Building Construction Projects & Mining Projects**

**Agenda No. 369 - 01**

**(File No.372/2023)**

**Existing Residential Apartment Building complex in S.F.No. 375/5B (Pt), 376/1B (Pt), 376/2B (Pt), 377/3 (Pt) of Keeranatham Village, Annur Taluk, Coimbatore District, Tamil Nadu by M/s. KGISL Technologies and Infrastructures Private Limited - For Environmental Clearance under violation category.(SIA/TN/MIN/423025/2023, dated: 22.03.2023)**

The proposal was placed in the 369<sup>th</sup> SEAC Meeting held on 20.04.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. KGISL Technologies and Infrastructures Private Limited, has applied for Environmental Clearance under violation category for the Existing Residential Apartment Building complex in S.F.No. 375/5B (Pt), 376/1B (Pt), 376/2B (Pt), 377/3 (Pt) of Keeranatham Village, Annur Taluk, Coimbatore District, Tamil Nadu.
2. The project/ activity is covered under Category "B" of Item 8 (a) "Building & Construction" of the Schedule to the EIA Notification,2006.
3. TOR under violation category was issued vide Letter No. SEIAA-TN/F.No. 372/SEAC-CXVII/Violation/ToR-566/2018 dated:07.08.2018.
4. EIA Report was submitted on: 24.03.2023.

Now, the proposal was placed in the 369<sup>th</sup> SEAC Meeting held on 20.04.2023.

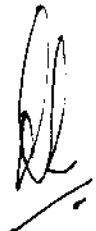
Based on the presentation and document furnished by the project proponent, SEAC decided to obtain the following additional particulars from the proponent:

- i) To revise the ecological damage assessment as per CPCB Guidelines.
- ii) Actual Data pertaining to the Water usage and Ground Water recharge and Ground Water Table.

  
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- iii) Minimum 50% of Roof Area must be covered with Solar Panels.
- iv) Enumeration of Trees within the Green Belt Area.
- v) Revised EMP shall be submitted.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether It is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No. 369 - 02**  
**(File No.6122/2023)**

**Existing Limestone Quarry over an Extent of 3.15.0 Ha located at S.F.No. 806/5 &6, 807/3 of Thennilai Village, Kadavur Taluk, Karur District, Tamil Nadu by Thiru. E. Dhanapal – For Environmental Clearance under violation category. (SIA/TN/MIN/417124/2023, dated: 06.02.2023)**

The proposal was placed in the 369<sup>th</sup> SEAC Meeting held on 20.04.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. E. Dhanapal, has applied for Environmental Clearance for the Proposed Limestone Quarry over an Extent of 3.15.0 Ha located at S.F.No. 806/5 & 6, 807/3 of Thennilai Village, Kadavur Taluk, Karur District, Tamil Nadu.
2. The project/ activity is covered under Category "B" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification,2006.
3. TOR was issued vide LrNo.SEIAA-TN/F.No.6122/SEAC/ToR-319/2018 Dated: 10.05.2018.

  
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4. Amendment to ToR vide T.O. No. SEIAA-TN/F-6122/SEAC-CXVIII/TOR-319(A)/2018 Dated: 30.07.2018.
5. Extension to TOR vide Lr.No.SEIAA-TN/F.No.6122/SEAC/TOR-319/2018/Extn, dated: 26.09.2022.
6. EIA Report was submitted on: 08.02.2023.

The proposal was placed in 369th SEAC meeting held on 20.04.2023. Based on the presentation made by the proponent, SEAC decided to call for additional details.

1. To revise the ecological damage assessment as per CPCB Guidelines.
2. To Develop Green belt.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No. 369 -03**  
**(File No.6241/2022)**

**Existing Rough Stone and Gravel Quarry over an Extent of 2.63.0 Ha located at S.F.No. 202/1(P) & 202/2(P) of Ekkattampalayam Village, Perundurai Taluk, Erode District, Tamil Nadu by Thiru. P. Mahendran – For Extension of validity of Environmental Clearance. (SIA/TN/MIN/262084/2022, dated: 16.03.2022)**

The proposal was placed in the 369<sup>th</sup> SEAC Meeting held on 20.04.2023.

The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, Thiru. P. Mahendran, has applied for Extension of validity of Environmental Clearance for the Existing Rough Stone and Gravel Quarry over an Extent of 2.63.0 Ha located at S.F.No. 202/1(P) & 202/2(P) of

  
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Ekkattampalayam Village, Perundurai Taluk, Erode District, Tamil Nadu.

2. The project/ activity is covered under Category "B" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification,2006.
3. Earlier EC was issued DEIAA vide Lr. No. DEIAA-ERD/F.No.17505/2016/EC No. (1/17) Dated 27.06.2017.
4. The Lease has been extended for next five years. The mining plan is for 5 years & production should not exceed 2,90,531 cu.m of Rough Stone and 20,394 cu.m of Gravel for three years. The annual peak production 60,685 cu.m of Rough Stone & 10,098 cu.m of Gravel. The maximum depth of mining would be 42m BGL.

During the meeting the PP requested for additional time to submit the details for the appraisal, hence SEAC decided to defer the proposal.

**Agenda No. 369 - 04**


**(File No.6255/2023)**

**Existing Lime Stone Mine lease over an extent of 0.24.29Ha at S.F.No.644/4(Part) of Sirungudi Village, Natham Taluk, Dindigul District, Tamil Nadu by M/s. Sivam Mines – For Environmental Clearance under violation category.(SIA/TN/MIN/418939/2023, dated: 18.02.2023)**

The proposal was placed in the 369<sup>th</sup>SEAC Meeting held on 20.04.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. Sivam Mines, has applied for Environmental Clearance under violation category for the Existing Lime Stone Mine lease over an extent of 0.24.29Ha at S.F.No.644/4 (Part) of Sirungudi Village, Natham Taluk, Dindigul District, Tamil Nadu.
2. The project/ activity is covered under Category "B" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification,2006.
3. TOR was issued vide LrNo.SEIAA-TN/F.No.6255/SEAC/TOR-418/2018 Dated: 25.05.2018.
4. Extension to TOR videLr.No.SEIAA-TN/F.No.6255/SEAC/TOR-418/2018/Extm dated: 28.11.2022.

  
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5. EIA Report was submitted on: 23.02.2023.

The proposal was placed in 369th SEAC meeting held on 20.04.2023. Based on the presentation made by the proponent, SEAC decided to call for additional details

1. To revise the ecological damage assessment as per CPCB Guidelines.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No. 369 - 05**

**(File No.6563/2023)**

**Existing Limestone Mine lease over an Extent of 4.08.5Ha in S.F.Nos.403/1A, 2, 3, 404/1, 2A, 2B1, 2B2, 2B3, 2B4, 405, 406/1, 2, 407/1A, 1B2/1, 1B2/2, 408/1A, 1B, 1C, 2, 3, 409/1, 2A & 2B of Abishekapatti Village of Tirunelveli Taluk, Tirunelveli District, Tamil Nadu by M/s. Sree Ganapathi Mines – For Environmental Clearance under violation category. (SIA/TN/MIN/419826/2023, dated: 24.02.2023)**

The proposal was placed in the 369<sup>th</sup> SEAC Meeting held on 20.04.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Proponent, M/s. Sree Ganapathi Mines, has applied for Environmental Clearance for the Existing Limestone Mine lease over an Extent of 4.08.5Ha in S.F.Nos.403/1A, 2, 3, 404/1, 2A, 2B1, 2B2, 2B3, 2B4, 405, 406/1, 2, 407/1A, 1B2/1, 1B2/2, 408/1A, 1B, 1C, 2, 3, 409/1, 2A & 2B at Abishekapatti Village of Tirunelveli Taluk, Tirunelveli District, Tamil Nadu.
2. The project/ activity is covered under Category "B" of Item 1(a) "Mining of

  
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Minerals Projects” of the Schedule to the EIA Notification,2006.

3. TOR was issued vide Lr.No.SEIAA-TN/F.No.6563/SEAC/ToR-331/2018 Dated: 10.05.2018.
4. Amendment to ToR vide T.O. No. SEIAA-TN/F-6563/SEAC-CXVIII/TOR-331(A)/2018 Dated: 30.07.2018.
5. Extension to TOR vide Lr.No.SEIAA-TN/F.No.6563/TOR-331/2018/A, dated: 29.10.2021.
6. Extension to TOR vide Lr.No.SEIAA-TN/F.No.6563/SEAC/TOR-331/2018/Extn, dated: 28.11.2022.
7. EIA Report was submitted on: 28.02.2023.

The proposal was placed in 369th SEAC meeting held on 20.04.2023. Based on the presentation made by the proponent, SEAC decided to call for additional details.

1. To revise the ecological damage assessment as per CPCB Guidelines.
2. Submit the details of the school to carry out CER activity.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No. 369-06**  
**(File No. 6523/2018)**

**Proposed Limestone Mine lease over an extent of 1.11.0 Ha at S.F.Nos. 1101/2B, 1101/4, 1101/5, 1101/3B & 1101/6B of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. JanathaCem Industries Limited - for Environmental Clearance. (SIA/TN/MIN/418028/2023,dated 13.02.2023)**

  
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The proposal was placed in 369<sup>th</sup> Meeting of SEAC held on 21.04.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. JanathaCem Industries Limited has applied for Environmental Clearance for the proposed Limestone Mine lease over an extent of 1.11.0Ha at S.F.Nos. 1101/2B, 1101/4, 1101/5, 1101/3B & 1101/6B of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr.No.SEIAA-TN/F.No.6523/ToR-394/2018 Dated: 16.05.2018.
4. ToR Extension issued vide Lr No - SEIAA- TN/F.No. 6523/ToR-394/Ext, Dated 26.09.2022.
5. Public Hearing - As per MoEF & CC Office Memorandum – F.No.22-28/2020.IA.III Dated: 12.11.2020 (Point No.5).

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a Sub Committee to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:

1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Copy of approved review of scheme of mining plan by the competent authority of the Dept of Geology and Mining for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in

  
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accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369 - 07**

**(File No: 3360/2015)**

**Existing Construction of Super Specialty Block at T.S. No. 525/1 & 2, Block 12 of North Madurai Village, South Madurai Taluk, Madurai District, Tamil Nadu by M/s.Government Rajaji Hospital – For Environmental Clearance under violation. (SIA/TN/INFRA2/410551/2022 Dt. 19/12/2022)**

The proposal was placed in this 369<sup>th</sup> SEAC meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the web portal (parivesh.nic.in). The project proponent gave a detailed presentation.

The SEAC noted the following:

1. The Project Proponent M/s. Government Rajaji Hospital has applied for Environmental Clearance under violation for Existing Construction of Super Specialty Block at T.S. No. 525/1 & 2, Block 12 of North Madurai Village, South Madurai Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 8(a) "Building & Construction" of the Schedule to the EIA Notification, 2006, as amended.
3. TOR under violation category issued by SEIAA-TN vide Letter No. SEIAA-TN/F.No.3360/Violation/ToR-831/2020 dated: 12.01.2021
4. EIA submitted on 19.01.2023

Based on the presentation made by the PP, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it

  
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is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369 - 08**

**(File No: 6223/2017)**

**Existing Magnesite mine lease over an extent of 3.23.7 Ha at S.F. No. 55/1, Moongilpadi Village, Omalur Taluk, Salem District, Tamil Nadu by Thiru A. Kesavan – for Environmental Clearance under violation category. (SIA/TN/MIN/416135/2023, Dt.30/01/2023)**

The proposal was placed in this 369<sup>th</sup> SEAC meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the web portal (parivesh.nic.in). The project proponent gave a detailed presentation.

The SEAC noted the following:

1. The Project Proponent, Thiru A. Kesavan has applied for Environmental Clearance under violation category for the Existing Magnesite mine lease over an extent of 3.23.7 Ha at S.F. No. 55/1, Moongilpadi Village, Omalur Taluk, Salem District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued under violation category vide Lr No.SEIAA-TN/F.No.6223/TOR-356/2018 Dated: 17.05.2018.
4. As per the Hon'ble High Court of Madras order dated 13.10.2017 in W.P.No.11189 of 2017, amendment in the ToR was issued vide Letter No. SEIAA-TN/F – 6223/SEAC-CXVIII /TOR- 356(A)/2018 Dt.30.07.2018.
5. Public hearing conducted on 19.05.2022.
6. The PP has furnished the EIA Report under violation on 01.02.2023.

  
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Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369 - 09**

**(File No: 6251/2017)**

**Existing Limestone mine lease over an extent of 1.70.0 Ha at S.F.No. 693/1,2,3,4 & 7, Sirugudi Village, Natham Taluk, Dindigul District, Tamil Nadu by M/s. Sivam Mines – for Environmental Clearance under violation category.(SIA/TN/MIN/419011/2023, Dt.20/02/2023)**

The proposal was placed in this 369<sup>th</sup> SEAC meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the web portal (parivesh.nic.in). The project proponent gave a detailed presentation.

The SEAC noted the following:

1. The Project Proponent, M/s. Sivam Mines has applied for Environmental Clearance under violation category for the Existing Limestone mine lease over an extent of 1.70.0 Ha at S.F.No. 693/1,2,3,4 & 7, Sirugudi Village, Natham Taluk, Dindigul District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B1” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. ToR issued under violation category vide Lr No.SEIAA-TN/F.No.6251/ToR-419/2018, dated: 22.05.2018.
4. As per the Hon’ble High Court of Madras order dated 13.10.2017 in W.P.No.11189 of 2017, amendment in the ToR was issued vide Letter No. SEIAA-TN/F – 6251/SEAC- CXVIII/TOR- 419 (A)/2018 Dt.30.07.2018.

  
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5. Extension of validity of ToR issued vide Lr. No.SEIAA-TN/E.No. 6251/TOR-419/A/ dated: 30.10.2021 and Letter No.SEIAA-TN/E.No.6251/ToR-419/Ext/2018/ dated: 21.12.2022
6. The PP has furnished the EIA Report under violation on 23.02.2023.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369 - 10**

**(File No: 6524/2018)**

**Existing Limestone mine lease over an extent of 1.92.6 Ha at S.F.No.1100/6A, 1100/7, 1100/8, 1102/1 & 1102/2B of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. JanathaCem Industries Limited – for Environmental Clearance under violation category.(SIA/TN/MIN/418136/2023, Dt.13/02/2023)**

The proposal was placed in this 369<sup>th</sup> SEAC meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the web portal (parivesh.nic.in). The project proponent gave a detailed presentation.

The SEAC noted the following:

1. The Project Proponent, M/s. JanathaCem Industries Limited has applied for Environmental Clearance under violation category for the Existing Limestone mine lease over an extent of 1.92.6 Ha at S.F.No.1100/6A, 1100/7, 1100/8, 1102/1 & 1102/2B of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a)

  
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“Mining Projects” of the Schedule to the EIA Notification, 2006.

3. ToR issued under violation category vide Lr No.SEIAA-TN/F.No.6524/TOR-378/2018, Dated: 16.05.2018.
4. As per the Hon'ble High Court of Madras order dated 13.10.2017 in W.P.No.11189 of 2017, amendment in the ToR was issued vide Letter No. SEIAA-TN/F – 6524/SEAC- CXVIII/TOR- 378(A)/2018 Dt. 30.07.2018.
5. Extension of validity of ToR issued vide Lr. No.SEIAA-TN/F.No.6524/ToR-378/2018/A/ dated:30.10.2021 and Lr. No.SEIAA-TN/F.No.6524/SEAC/TOR-378/2018/Extn, dated: 26.09.2022
6. The PP has furnished the EIA Report under violation

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369 - 11**

**(File No: 6538/2018)**

Existing Black Granite Quarry lease over an extent of 1.01.0 Ha at S.F.No.431/3, 431/4D5, 431/4D6, 431/4D8, 431/4D9, 431/4D10 & 431/4F, Agaram Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by Thiru. P. Arunraja – for Environmental Clearance under violation category.(SIA/TN/MIN/413332/2023, Dt.07/01/2023)

The proposal was placed in this 369<sup>th</sup> SEAC meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the web portal (parivesh.nic.in). The project proponent gave a detailed presentation.

The SEAC noted the following:

  
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1. The Project Proponent, Thiru. P. Arunraja has applied for Environmental Clearance under violation category for the Existing Black Granite Quarry lease over an extent of 1.01.0 Ha at S.F.No.431/3, 431/4D5, 431/4D6, 431/4D8, 431/4D9, 431/4D10 & 431/4F, Agaram Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued under violation category vide Lr No.SEIAA-TN/F.No.6538/TOR-501/2018, Dated : 21.06.2018.
4. As per the Hon'ble High Court of Madras order dated 13.10.2017 in W.P.No.11189 of 2017, amendment in the ToR was issued vide Letter No. SEIAA-TN/F – 6538/SEAC- CXVIII/TOR- 501(A)/2018 Dt. 30.07.2018.
5. The PP has furnished the EIA Report under violation

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess **ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines**, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369-12**

**(File No: 6252/2018)**

**Existing Lime stone Mine Lease over an extent of 0.94.5Ha at S.F.No.630/1A, 1B, 2, 631/10 & 631/11 of Srungudi Village, Natham Taluk, Dindigul District, Tamil Nadu by M/s. Sivam Mines Represented by Thiru. S. Ilangovan (Managing Partner) – For Environmental Clearance under Violation Category.(SIA/TN/MIN/421326/2023, Dated. 08.03.2023)**

  
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This proposal was placed in this 369<sup>th</sup> SEAC Meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The Project Proponent gave a detailed presentation.

**The SEAC noted the following:**

1. The Proponent, M/s. Sivam Mines represented by Thiru. S. Ilangoan (Managing Partner) has applied for Environmental Clearance under Violation Category for the Existing Lime stone Mine Lease over an extent of 0.94.5Ha at S.F.No.630/1A, 1B, 2, 631/10 & 631/11 of Sirungudi Village, Natham Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
3. ToR issued under violation by SEIAA-TN vide Lr.No. SEIAA-TN/F.No.6252/TOR- 417/2018 Dated: 22.05.2018.
4. ToR Amendment issued vide Letter No. SEIAA-TN/F – 6252/SEAC-CXVIII/TOR-417(A)/2018 Dated: 30.07.2018.
5. ToR Extension issued vide SEIAALr. No. SEIAA-TN/F.No.6252/ToR-417/2018/A/ dated: 30.10.2021.
6. ToR Extension under violation Lr. No.SEIAA-TN/F.No.6252/ToR-417/2018/Extn/ dated:26.11.2022.
7. Public Hearing - As per MoEF & CC Notification Dt: 01.07.2016 & Office Memorandum – F.No.22-28/2020.IA.III Dated: 12.11.2020; Point No.5.
8. As per MMDR Amendment Act 2015 lease period is granted 17.04.1996 valid upto 16.04.2046.
9. Review of mining plan approved by IBM vide TN/DGL/LST/ ROMP - 1653 – MDS, Dt:21.06.2021 for the period 2021 -2022 to 2025 -2026.
10. Production 20,415 Tonnes of ROM & 12,249 Tonnes of lime stone (60% recovery) and depth of mining 16m.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal

  
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falls under violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:

1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Valid mine plan approved by the competent authority for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.
4. The PP shall obtain NOC from DFO, Dindigul District in regard to Kadavur Slender Loris Sanctuary.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369-13**

**(File No: 6225/2018)**

**Existing Limestone Quarry over an Extent of 2.63.0Ha located at S.F.No.1100/9, 1101/8,1101/9,1101/10,1102/5C,1103/3A,3B(P)&1104,ThenmalaiVillage,Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. JanathaCem Industries Limited represented by Thiru. T. Venkatarajgopalan – For Environmental Clearance under Violation Category. (SIA/TN/MIN/418775/2023, Dated. 17.02.2023)**

This proposal was placed in this 369<sup>th</sup> SEAC Meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The Project Proponent gave a detailed presentation.

  
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**The SEAC noted the following:**

1. The Proponent M/s. Janatha Cem Industries Limited has applied for Environmental Clearance under Violation Category for the Existing Limestone Quarry over an Extent of 2.63.0Ha located at S.F.No.1100/9, 1101/8,1101/9,1101/10,1102/5C,1103/3A,3B(P)&1104,Thenmalai Village,Sivagiri Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
3. ToR issued under violation by SEIAA-TN vide Lr.No. SEIAA-TN/F.No.6525/ToR-378/2018/ dated 16.05.2018.
4. ToR Amendment issued vide Lr.No. SEIAA-TN/F.No.6525/SEAC-CXVIII/TOR-378(A)/2018 dated: 30.07.2018.
5. ToR Extension under violation issued vide SEIAA. Lr. No. SEIAA-TN/F.No. 6525/TOR- 378/A/ dated:29.10.2021.
6. ToR Extension under violation Lr. No.SEIAA-TN/F.No.6525/ToR-378/Extn./2018/Dated:26.09.2022.
7. Public Hearing - As per MoEF & CC Notification Dt: 01.07.2016 & Office Memorandum – F.No.22-28/2020.IA.III Dated: 12.11.2020; Point No.5.
8. As per MMDR Amendment Act 2015 lease period is granted 16.03.1984 valid upto 01.07.2034.
9. Review of mining plan approved by IBM TN/TNL/LST/ ROMP -1626 MDS, Dt:30.12.2020 for the period 2020 -2021 to 2024 -2025.
10. Production 1,15,138 Tonnes of ROM (High Grade Limestone 80% - 92,111 Tonnes & Low Grade Limestone 20% - 23,028 Tonnes) & 12294 Tonnes of Topsoil & 51522 Tonnes of Side Burden and depth of mining 25m.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:

  
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1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Valid mine plan approved by the competent authority for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369-14**

**(File No: 6532/2018)**

**Existing Limestone Quarry over an Extent of 0.58.5 Ha located at S.F.No.1100/9, 1101/8,1101/9,1101/10,1102/5C,1103/3A,3B(P)&1104,ThenmalaiVillage,Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. Renuka Chemicals- For Environmental Clearance under Violation Category.(SIA/TN/MIN/418647/2023, Dated. 16.02.2023)**

This proposal was placed in this 369<sup>th</sup> SEAC Meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The Project Proponent gave a detailed presentation.

**The SEAC noted the following:**

1. The Proponent M/s. Renuka Chemicals has applied for Environmental Clearance under Violation Category for the Existing Limestone Quarry over an Extent of 0.58.5 Ha located at S.F.No.1100/9, 1101/8, 1101/9, 1101/10,

  
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1102/5C, 1103/3A, 3B(P) & 1104, Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu.

2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
3. ToR under violation issued by SEIAA-TN vide Lr.No. SEIAA-TN/F.No.6532/TOR- 402/2018 Dated: 16.05.2018.
4. ToR Amendment was issued vide Lr. No. SEIAA-TN/F.No.6532/SEAC-CXVIII/TOR- 402(A)/2018 Dated: 30.07.2018.
5. ToR Extension under violation issued vide SEIAA. Lr.No. SEIAA-TN/F.No.6532/ToR- 402/A/2018, dated:29.10.2021.
6. ToR Extension under violation Lr. No.SEIAA-TN/F.No.6532/ToR-402/Extn./2018 dated:26.09.2022.
7. Public Hearing Exempted - As per MoEF & CC Notification Dt: 01.07.2016 & Office Memorandum – F.No.22-28/2020.IA.III Dated: 12.11.2020; Point No.5.
8. As per MMDR Amendment Act 2015 lease period is granted 19.01.1985 valid upto 30.06.2035.
9. Review of mining plan approved by IBM TN/TNL/LST/ ROMP -1631 MDS, Dt:30.12.2020 for the period 2020 -2021 to 2024 -2025.
10. Production 55394 Tonnes of ROM (High Grade Limestone 80% - 44315 Tonnes & Low Grade Limestone 20% - 11079 Tonnes) & 10 Tonnes of Topsoil & 57122 Tonnes of Side Burden and depth of mining 46m.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:

1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.

  
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2. Valid mine plan approved by the competent authority for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No. 369-15**  
**(File No.6253/2020)**

**Existing Limestone Mine over an extent of 2.53.0 Ha (patta land) at S.F.No. 693/5A(P), 696/2, 3(P), 4(P), 5, 698/1, 2, 3, 4A, 4B, 4C & 5, Sirugudi Village, Natham Taluk, Dindigul District, Tamil Nadu by M/s. Sivam Mines – For Environmental Clearance under Violation Category.(SIA/TN/MIN/421738/2023 dated: 11.03.2023).**

The proposal was placed in 369<sup>th</sup> Meeting of SEAC held on 20.04.2023. The details of the project furnished by the proponent are available in the website ([www.parivesh.nic.in](http://www.parivesh.nic.in)). **The SEAC noted the following:**

1. The Proponent, M/s. Sivam Mines, has applied for Environmental Clearance under Violation Category for the Existing Limestone Mine over an extent of 2.53.0 Ha at S.F.No. 693/5A(P), 696/2, 3(P), 4(P), 5, 698/1, 2, 3, 4A, 4B, 4C & 5, Sirugudi Village, Natham Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category “B1” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006, as amended.
3. ToR issued vide Lr.No.SEIAA-TN/F.No.6253/TOR-604/2019, dated:07.02.2019 under Violation Category.

  
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4. Extension to ToR Lr. No.SEIAATN/F.No.6253/TOR-604/2019/Ext/ dated: 29.10.2021.
5. Further, Extension to ToR Lr. No.SEIAATN/F.No.6253/TOR-604/2019/Ext/ dated: 07.12.2022.
6. Public Hearing - As per MoEF & CC Office Memorandum - F.No.22-28/2020.IA.III Dated: 12.11.2020; Point No.5.
7. EIA report submitted on 13.03.2023.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.


Further the Committee called for the following additional details:

1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item I(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Copy of approved review of scheme of mining plan by the competent authority of the Dept of Geology and Mining for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

  
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**Agenda No. 369-16  
(File No.6351/2020)**

**Existing Limestone Mine lease over an extent of 3.21.5 Ha at S.F.Nos. 285/1B(P), 285/2B(P), 287/1B, 287/2 (1.81.0Ha of patta land) and 283(P) & 286(P) (1.40.5 Ha of Govt. land) in Palayam Village, Vedasandur Taluk, Dindigul District, Tamil Nadu by Thiru. J. Sheik Abdulla– For Environmental Clearance under Violation Category. (SIA/TN/MIN/421767/2023 dated: 11.03.2023).**

The proposal was placed in 369<sup>th</sup> Meeting of SEAC held on 20.04.2023. The details of the project furnished by the proponent are available in the website ([www.parivesh.nic.in](http://www.parivesh.nic.in)).

**The SEAC noted the following:**

1. The Proponent, Thiru. J. Sheik Abdulla, has applied for Environmental Clearance under Violation for the Existing Limestone Mine over an extent of 3.21.5 Ha at S.F.Nos. 285/1B(P), 285/2B(P), 287/1B, 287/2 (1.81.0Ha of patta land) and 283(P) & 286(P) (1.40.5 Ha of Govt. land) in Palayam Village, Vedasandur Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
3. ToR issued vide Lr.No.SEIAATN/F.No.6351/TOR- 339/2018, dated: 11.05.2018 under Violation Category.
4. Extension to ToR Lr. No.SEIAATN/F.No.6351/TOR-339/2018/Ext/ dated: 07.12.2022.
5. Public Hearing - As per MoEF & CC Office Memorandum – F.No.22-28/2020.IA.III Dated: 12.11.2020; Point No.5.
6. EIA report submitted on 14.03.2023.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to obtain the following additional details:

1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. The PP shall furnish the letter received from DFO concerned stating the proximity details of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., upto a radius of 25 km from the proposed site.

  
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3. Copy of approved review of scheme of mining plan by the competent authority of the Dept of Geology and Mining for the proposed period of quarrying.
4. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Based on the presentation made and documents furnished by the project proponent, the SEAC observed that, the Thoppaiswami Malai RF is located at a distance of 8 KM from the project site and it also part of Kadavur Slender Lories Sanctuary. Therefore SEAC decided to defer the proposal and called for the following details.

1. The PP shall obtain NBWL clearance from SCNBWL

On the receipt of the same further deliberation will be done.

**Agenda No. 369-17**

**(File No.6526/2022)**

**Existing Limestone Mine lease over an Extent of 2.52.0Ha at S.F.Nos. 1101/7, 1101/11, 1102/5A1 & 1102/5A2 of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Naduby M/s. JanathaCem Industries Limited- For Environmental Clearance under Violation Category.(SIA/TN/MIN/418598/2023 dated: 16.02.2023).**

This proposal was placed in this 369<sup>th</sup> meeting of SEAC held on 20.04.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The Project Proponent gave a detailed presentation.

**The SEAC noted the following:**

1. The Project Proponent, M/s. JanathaCem Industries Limited as applied for Environmental Clearance under Violation Category for the Existing Limestone Mine lease over an Extent of 2.52.0Ha at S.F.Nos. 1101/7, 1101/11, 1102/5A1 & 1102/5A2 of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
3. ToR issued vide Lr.No.SEIAA-TN/F.No.6526/TOR- 403/2018, dated: 16.05.2018 under Violation Category.
4. Amendment to ToRLr.No. SEIAA-TN vide 6526/SEAC-CXVIII/TOR-403(A)/2018 Dated: 30.07.2018.

  
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5. Extension to ToR Lr. No.SEIAATN/F.No.6526/TOR-403/Ext/ dated: 26.09.2022
6. Public Hearing - As per MoEF & CC Office Memorandum – F.No.22-28/2020.IA.III Dated: 12.11.2020; Point No.5.
7. EIA report submitted on 05.03.2023.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:

1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Copy of approved review of scheme of mining plan by the competent authority of the Dept of Geology and Mining for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

  
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**Agenda No: 369-18**

**(File No: 6114/2023)**

**Proposal Seeking Environmental Clearance (EC) under Violation Category for Existing Limestone mine over an Extent 3.42.5ha in SF. No: 219/1, Olaipadi (West) Village, Kunnam Taluk, Perambalur District, Tamil Nadu by M/s. YESSAREX, T.R.Dasappan (Proprietor)– For Environmental Clearance (SIA/TN/MIN/421809/2023, Dated. 12/03/2023)**

This proposal was placed in this 369<sup>th</sup> SEAC Meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The Project Proponent gave a detailed presentation.

**The SEAC noted the following:**

1. The Proponent, M/s. YESSAREX, T.R.Dasappan (Proprietor), has applied for Environmental Clearance under Violation Category for the Existing Limestone mine over an Extent 3.42.5ha in SF. No: 219/1, Olaipadi (West) Village, Kunnam Taluk, Perambalur District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
3. ToR issued vide Lr. No.SEIAA-TN/F.No.6114/ToR-329/2018/ dated 11.05.2018 under Violation Category.
4. Amendment to ToR Letter No. SEIAA-TN/F – 6114/SEAC- CXVIII/TOR- 329(A)/2018 Dt. 30.07.2018
5. EXTENSION to ToR Lr. No.SEIAA-TN/F.No. 6114 /TOR- 329/Ext/ dated: 26.09.2022
6. Public Hearing -As per MoEF & CC Office Memorandum – F.No.22-28/2020. IA.III Dated: 12.11.2020; Point No.5.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:

  
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1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Valid mine plan approved by the competent authority for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369-19**

**(File No: 6121/2023)**

**Existing Limestone mine over an Extent 2.51.5ha in SF. No: 809/2, 3, 4 & 5 (P), Thennilai Village, Kadavur Taluk, Karur District, Tamil Nadu by M/S.Ragavendra Minerals and Chemicals, Thiru.E.Dhanapal (Managing Partner) – For Environmental Clearance under violation category(SIA/TN/MIN/417551 /2023, Dated. 09.02.2023)**

This proposal was placed in this 369<sup>th</sup> SEAC Meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The Project Proponent gave a detailed presentation.

**The SEAC noted the following:**

1. The Proponent, M/s. Ragavendra Minerals and Chemicals, Thiru.E.Dhanapal (Managing Partner), has applied for Environmental Clearance under Violation Category for the Existing Limestone mine over an Extent 2.51.5ha in SF. No:

  
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809/2, 3, 4 & 5 (P), Thennilai Village, Kadavur Taluk, Karur District, Tamil Nadu.

2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide Lr. No. SEIAA-TN/F.No.6121/TOR- 323/2018 Dated: 10.05.2018 under Violation Category.
4. Amendment to ToRLr.No. SEIAA-TN/F.No.6121/SEAC-CXVIII/TOR- 323(A)/2018 Dated: 30.07.2018
5. EXTENSION to ToR Lr. No.SEIAA-TN/F.No. 6121 /TOR- 323/Ext/ dated:26.09.2022
6. Public Hearing -As per MoEF & CC Office Memorandum – F.No.22-28/2020.IA.III Dated: 12.11.2020; Point No.5.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:

1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Valid mine plan approved by the competent authority for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369-20**

**(File No: 6254/2023)**

**Existing Limestone mine over an Extent 0.94.0ha in SF. No: 616/1B (P), 1C,618/1 (P) & 619, Sirugudi Village, Natham Taluk, Dindigul District, Tamil Nadu by M/s. Sivam Mines, Represented By – Thiru. S. Ilangovan (Managing Partner) – For Environmental Clearance under Violation Category (SIA/TN/MIN/421419/2023, Dated. 09.03.2023)**

This proposal was placed in this 369<sup>th</sup> SEAC Meeting held on 20.04.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The Project Proponent gave a detailed presentation.

**The SEAC noted the following:**

1. The Proponent, M/s. Sivam Mines, represented By – Thiru. S. Ilangovan (Managing Partner), has applied for Environmental Clearance under Violation Category for the Existing Limestone mine over an Extent 0.94.0ha in SF. No: 616/1B (P), 1C,618/1 (P) & 619, Sirugudi Village, Natham Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category “B1” of Item 1(a) “Mining of Minerals Projects” of the Schedule to the EIA Notification, 2006, as amended.
3. ToR issued vide Letter No.SEIAA-TN/F.No.6254/ToR-335/2018/ dated 11.05.2018 under Violation Category.
4. Amendment to ToRLr.No. No. SEIAA-TN/F-6254/SEAC- CXVIII/TOR-335(A)/2018 dt 30.07.2018
5. EXTENSION to ToR Letter No.SEIAA-TN/F.No.6254/ToR-335/Ext/2018/ dated:28.10.2022
6. Public Hearing - As per MoEF & CC Office Memorandum – F.No.22-28/2020.IA.III Dated: 12.11.2020; Point No.5.

  
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Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:

1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Valid mine plan approved by the competent authority for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.


After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369-21**

**(File No: 6527/2023)**

**Existing Limestone Mine lease over an extent of 2.18.9Ha at S.F. No. 1102/4, 1102/5B, 1102/6, 1102/7 & 1103/3B (P) of Thenmalai Village, Sivagiri Taluk, Tirunelveli District, Tamil Nadu by M/s. JanathaCem Industries Limited – For Environmental Clearance under Violation Category (SIA/TN/MIN/62096/2017, Dated. 28.01.2017)**

This proposal was placed in this 369<sup>th</sup> meeting of SEAC held on 20.04.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal ([parivesh.nic.in](http://parivesh.nic.in)). The Project Proponent gave a detailed presentation.

  
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**The SEAC noted the following:**

1. The Proponent, M/s. Janatha Cem Industries Limited, has applied for Environmental Clearance under Violation Category for the Existing Limestone mine over an Extent 0.94.0ha in SF. No: 616/1B (P), 1C,618/1 (P) & 619, Sirugudi Village, Natham Taluk, Dindigul District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
3. ToR issued vide Lr.No.SEIAA-TN/F.No.6527/TOR- 491/2018, dated: 16.05.2018 under Violation Category.
4. Amendment to ToRToRLr.No. SEIAA-TN vide 6527/SEAC-CXVIII/TOR-491(A)/2018 Dated: 30.07.2018
5. EXTENSION to ToR Lr. No.SEIAA-TN/F.No.6527/TOR- 323/Ext/ dated: 26.09.2022
6. Public Hearing - As per MoEF & CC Office Memorandum – F.No.22-28/2020.IA.III Dated: 12.11.2020; Point No.5.

Based on the presentation made and documents furnished by the project proponent, the SEAC decided to constitute a SUB COMMITTEE to make an on-site inspection to assess the present status of the project site and environmental settings as the proposal falls under violation category and submit the report along with the recommendations to the Committee.

Further the Committee called for the following additional details:

1. A letter from the Project Proponent justifying that the project activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
2. Valid mine plan approved by the competent authority for the proposed period of quarrying.
3. The PP shall furnish the copy of receipt of the penalty levied by the Dept of Geology and Mining for the exploitation of mineral without prior EC.

Meanwhile, the SEAC decided to constitute a sub-committee to make on-site inspection to assess the present status of the proposed project, environmental settings and to assess ecological damage assessment whether it is being carried out in

  
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accordance with CPCB Guidelines, remediation plan, natural resource augmentation and community resource augmentation.

After the receipt of the additional details from the proponent and the evaluation report by the Sub-committee, the SEAC will deliberate on the issue of Environmental Clearance under violation category. SEAC also decided to request SEIAA-TN to initiate action under Sec. 19 of the Environment (Protection) Act, to be taken for violation cases, in accordance with law.

**Agenda No: 369-22**  
**(File No. 8667/2022)**

**Proposed Rough Stone & Gravel Quarry lease over an extent of 2.64.50Ha at S.F.No.728/2, 728/3, 728/4, 728/5, 728/6, 728/7, 728/8, 728/9, 728/10, 728/11, 728/12, 728/13, 728/14, 728/15, 728/16, 728/17 & 728/18 of Magaral-B Village, Walajabad Taluk, Kancheepuram District, Tamil Nadu by M/s. Sri Sai Infrastructures - for Environmental Clearance. (SIA/TN/MIN/407145/2022, dt.19.11.2022)**

The proposal was placed in 351<sup>st</sup> SEAC meeting held on 03.02.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
2. The ToR was issued vide Lr. No. SEIAA-TN/F. No. 8667/ToR-1086/2021 Dated: 17.03.2022 to M/s. Sri Sai Infrastructures for the proposed Rough Stone & Gravel Quarry lease over an extent of 2.64.50Ha at S.F.No.728/2, 728/3, 728/4, 728/5, 728/6, 728/7, 728/8, 728/9, 728/10, 728/11, 728/12, 728/13, 728/14, 728/15, 728/16, 728/17 & 728/18 of Magaral-B Village, Walajabad Taluk, Kancheepuram District, Tamil Nadu.
3. Minutes of public hearing conducted on 13.09.2022.
4. Final EIA report submitted on 24.11.2022
5. Now, the Project Proponent, M/s. Sri Sai Infrastructures has applied for Environmental Clearance with EIA report along with minutes of public hearing for the proposed Rough Stone & Gravel Quarry lease over an extent of 2.64.50Ha at S.F.No.728/2, 728/3, 728/4, 728/5, 728/6, 728/7, 728/8.

  
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728/9, 728/10, 728/11, 728/12, 728/13, 728/14, 728/15, 728/16, 728/17 & 728/18 of Magaral-B Village, Walajabad Taluk, Kancheepuram District, Tamil Nadu.

6. The precise area communication/lease is issued for the period of 5 Years. The approved mining plan is for the period of five years & production should not exceed 299140 cu.m of Rough Stone, &42160 cu.m of Gravel and the annual peak production shall not exceed 62,640 m<sup>3</sup> of rough stone (4<sup>th</sup> Year) & 14960 cu.m of Gravel (1<sup>st</sup> Year). The ultimate depth is 20m BGL.

Sl. No	Details of the Proposal	:	Data Furnished
1	Name of the Owner/Firm	:	M/s.Sri Sai Infrastructures, No.18, G4, Buckmar Flats, 15 <sup>th</sup> Cross Street, New Colony, Chrompet, Chennai - 600044
2	Type of quarrying (Savudu/Rough Stone/Sand/Granite)	:	Rough Stone & Gravel
3	S.F No. Of the quarry site with area break-up	:	728/2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17 & 18.
4	Village in which situated	:	Magaral-B
5	Taluk in which situated	:	Walajabad
6	District in which situated	:	Kancheepuram
7	Extent of quarry (in ha.)	:	2.64.50Ha
8	Latitude & Longitude of all corners of the quarry site	:	12°43'37.47"N to 12°43'44.38"N 79°43'36.77"E to 79°43'44.03"E
9	Topo Sheet No.	:	57-P/10
10	Type of mining	:	Opencast Semi-Mechanized of Mining
11	Period of quarrying proposed	:	5 years
12	Production (Quantity in m <sup>3</sup> )	:	2,99,140 m <sup>3</sup> of rough stone & 42,160 m <sup>3</sup> of gravel
13	Depth of quarrying	:	20m (2m Gravel + 18m Rough stone) below ground level
14	Depth of water table	:	55m-60m BGL
15	Man Power requirement per day:	:	28 Nos.
16	Source of Water Requirement	:	Water Vendors and bore well
17	Water requirement:	:	4.3 KLD

  
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	1. Drinking & domestic purposes (in KLD) 2. Dust suppression , Green Belt &Wet Drilling (in KLD)		0.300 KLD 1.0 KLD 1.5 KLD 1.5 KLD
18	Power requirement a. Domestic Purpose Industrial Purpose		TNEB 70266Liters of HSD
19	Whether any habitation within 300m distance	:	No
20	Precise area communication approved by theAssistant Director, G&M with date	:	Na.Ka.No.203/Q3/2020, dated:09.12.2020
21	Mining Plan approved by Assistant Director(I/c), Department of Geology and Mining with date	:	Rc.No.203/Q3 /2020, dated: 14.12.2020.
22	Assistant Director, mines 500m cluster letter		Rc.No.203/Q3 /2020, dated:16.12.2020.
23	VAO certificate regarding 300m radius cluster		Letter dated: 16.07.2021
24	Project Cost (excluding EMP cost)	:	68.65 Lakh
25	EMP cost	:	EMP Cost – Rs. 7.5628 Crores /10Years including capital & recurring cost with 5% inflation cost anticipated every year.
26	CER cost		5 Lakh

Based on the presentation and documents furnished by the project proponent, SEAC noted that a public complaint (Monday Petition Dt: 30.09.2022) was received in this office Dt: 14.11.2022. SEAC after detailed discussion decided to defer the proposal and requested the PP to carry out a Comprehensive Study furnishing the following additional particulars:

- i. Details of schools located at the vicinity of the project site.
- ii. Details of timing of the school and mode of transport for the children.

  
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- iii. Details of mode of transport and details on the transportation route through which quarried materials are scheduled to be hauled.
- iv. Standard Operating Procedure indicating the Time schedule of proposed blasting operation.

Subsequently, the subject was placed in 596<sup>th</sup> SEIAA meeting held on 22.02.2023 & 23.02.2023. The authority after detailed discussion to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 03.02.2023

The PP has furnished reply vide his letter Dated:10.03.2023. The proposal was again placed for appraisal in 366<sup>th</sup> meeting of SEAC held on 30.03.2023. The Committee decided to defer the proposal and to place this proposal in any one of the forthcoming SEAC.

The proposal was again placed in 369<sup>th</sup> SEAC meeting held on 25.04.2023. Based on the presentation and documents furnished by the project proponent, SEAC observed the following

- i) During the Public Hearing, it was observed that high number of Public objections have been registered against this proposed quarry from the Villagers in regard to impact of mining & its transportation of quarried minerals was recorded in the minutes of public hearing conducted on 13.09.2022.
- ii) Also, it was noted that the Panchayat Union Primary School located in the haul road leading to the proposed quarry has been severely affected due to movement of large number of loaded trucks from the adjacent operating quarries and forcing the school management to shut down the doors & windows in order to reduce the dust and noise environment.
- iii) It was also observed that the roads are very poorly managed by the existing quarry operators resulting in creation of pot holes, etc.
- iv) It was also noted that the existing quarries located adjacent to the proposed quarries are operating huge number of trucks resulting in creation of crowded truck movement in the road leading to the villages as to create a dangerous situation for the pedestrians and other vehicle operators.

  
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Further, SEAC noted that due to the presence of a number of quarries & crushers, the area has been subjected to heavy load of pollution from the point sources and fugitive emissions and due to transportation of mined materials have led to deterioration of roads. The report submitted by the EIA coordinator indicated that the windows of the school on the roadside had to be kept closed to prevent dust affecting the health of students. The entry gate to the school also had to be shifted to the backside for the same reason. Allowing more mines in this area will be detrimental to the environment and health of people living in the area. In view of the above, SEAC decided not to recommend EC for this project.

**Agenda No: 369 - 23**  
**(File No: 9858/2023)**

**Proposed Rough Stone & Gravel lease over an extent of 2.01.5Ha at S.F.No. 1193/1, 1193/2, 1199/1B, 1199/1C, 1199/1D, 1199/1E, 1199/1F, 1199/1H, 1199/1I, 1199/1J & 1199/1K in Katchaikatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu by Thiru.B.Karuppaiah -For Terms of Reference(SIA/TN/MIN/419463/2023 dt 25.02.2023).**

The proposal was placed in this 369<sup>th</sup> meeting of SEAC held on 20.04.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The Project Proponent, Thiru.B.Karuppaiah has applied for Terms of Reference for the theProposed Rough Stone & Gravel lease over an extent of 2.01.5Ha at S.F.No. 1193/1, 1193/2, 1199/1B, 1199/1C, 1199/1D, 1199/1E, 1199/1F, 1199/1H, 1199/1I, 1199/1J & 1199/1K in Katchaikatti Village, Vadipatti Taluk, Madurai District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan the lease period is 10 years. The mining plan is for the period of five years & production should not exceed 1,56,188 m<sup>3</sup> of Rough Stone &27,862 m<sup>3</sup> of Gravel. The annual peak production is 34,645 m<sup>3</sup> of Rough Stone &14,238 m<sup>3</sup> of Gravel. The ultimate depth is 20m BGL.

Based on the presentation made by the proponent, SEAC decided to recommend for grant of Terms of Reference (TOR) with Public Hearing, subject to the following

  
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TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The structures within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc.
2. The PP shall spell out the mitigation measures considering the existence of Veguthumalai Reserved Forest at a distance of 340 m from the proposed quarry site.
3. The Proponent shall carry out Bio diversity study through reputed Institution and the same shall be included in EIA Report.
4. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
5. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall prepare and submit an 'Action Plan' for carrying out the realignment of the benches in the proposed quarry lease after it is approved by the concerned Asst. Director of Geology and Mining during the time of appraisal for obtaining the EC.
6. The PP shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per the MMR 1961 such as blaster, mining mate, mine foreman, II/I Class mines manager appointed by the proponent.
7. The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.

  
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8. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.
9. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines.
  - a. What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
  - b. Quantity of minerals mined out.
  - c. Highest production achieved in any one year
  - d. Detail of approved depth of mining.
  - e. Actual depth of the mining achieved earlier.
  - f. Name of the person already mined in that leases area.
  - g. If EC and CTO already obtained, the copy of the same shall be submitted.
  - h. Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
10. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
11. The PP shall carry out Drone video survey covering the cluster, Green belt, fencing etc.,
12. The PP shall furnish the revised manpower including the statutory & competent persons as required under the provisions of the MMR 1961 for the prosed quarry based on the volume of rock handled & area of excavation.
13. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
14. The Project Proponent shall provide the details of mineral reserves and

mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment and the remedial measures for the same.

15. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
16. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
17. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
18. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
19. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
20. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated.

  
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Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.

21. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
22. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
23. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
24. Impact on local transport infrastructure due to the Project should be indicated.
25. A tree survey study shall be carried out (nos., name of the species, age, diameter etc..) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
26. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
27. Public Hearing points raised and commitments of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
28. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
29. The PP shall produce/display the EIA report, Executive summary and other related information with respect to public hearing in Tamil Language also.
30. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the

- importance of preserving local flora and fauna by involving them in the study, wherever possible.
31. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix-I in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
  32. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site-specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
  33. A Disaster Management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
  34. A Risk Assessment and Management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
  35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
  36. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
  37. The Socio-economic studies should be carried out within a 5 km buffer zone

  
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from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.

38. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
39. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
40. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project Proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
41. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.
42. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.

**Agenda No: 369 - 24**

**(File No: 9905/2023)**

**Proposed Rough Stone & Gravel lease over an extent of 4.82.70Ha at S.F.No. 764/3, 765/3, 766/1, 766/2, 766/3A, 767/1 & 767/2A in Anjur Village, Pugalur Taluk, Karur District, Tamil Nadu by Thiru.S.Kuppusamy -For Terms of Reference (SIA/TN/MIN/421900/2023 dt 13.03.2023).**

The proposal was placed in this 369<sup>th</sup> meeting of SEAC held on 20.04.2023. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

**The SEAC noted the following:**

1. The Project Proponent, Thiru.S.Kuppusamy has applied for Terms of Reference for the theProposed Rough Stone & Gravel lease over an extent of 4.82.70haHa at S.F.No. 764/3, 765/3, 766/1, 766/2, 766/3A, 767/1 & 767/2A in Anjur

  
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Village, Pugalur Taluk, Karur District, Tamil Nadu.

2. The proposed quarry/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. Quarrying in this lease area was earlier carried out by during earlier lease period from 23.06.2017 to 22.06.2022. Environmental clearance was obtained from SEIAA-TN vide Lr.No.SEIAA-TN/F.No.1426/1(a/EC.No.3848/2015 dated: 30.05.2017 for Rough stone quarrying at SF.No759/5, 764/3, 765/3, 766/1(P), 766/2 & 767/1 in Anjur Village, Aravakurichi Taluk, Karur District, Tamil Nadu over 4.92.5 Ha of the lease area.
4. As per the mining plan the lease period is 5 years. The mining plan is for the period of five years & production should not exceed 7,99,894 m<sup>3</sup> of Rough Stone & 31,276 m<sup>3</sup> of Gravel. The annual peak production is 1,85,360 m<sup>3</sup> of Rough Stone & 31,276 m<sup>3</sup> of Gravel. The ultimate depth is 62m BGL.

Based on the presentation made by the proponent, **SEAC decided to recommend for grant of Terms of Reference (TOR) with Public Hearing**, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. As per Metalliferous Mines Regulation 1961, under Chapter XI, 106 (2) (a)  
"..... the face shall be benched and the sides shall be sloped at an angle of not more than 60 degrees from the horizontal. The height of any bench shall not exceed six meters and the breadth thereof shall not be less than the height. ...."  
Hence, The Project Proponent shall furnish the revised mining plan approved by the competent authority, incorporating the slope stability action plan by maintaining benches on both sides with appropriate bench geometry in accordance with the provisions of Reg. 106 of MMR 1961 and by maintaining the depth of 50m BGL.
2. Restricting the maximum depth of mining from 62m to 50m considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining and consequently the revised quantity is spelt out in the 'modified Production and Development Plan' to be submitted during the EIA appraisal.

  
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3. Also, the original letter of approval obtained for the revised Mining Plan prepared for the mine shall be furnished during the EIA appraisal.
4. The structures within the radius of (i) 50 m, (ii) 100 m, (iii) 200 m and (iv) 300 m shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc.
5. The Proponent shall carry out Bio diversity study through reputed Institution and the same shall be included in EIA Report.
6. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
7. In the case of proposed lease in an existing (or old) quarry where the benches are not formed (or) partially formed as per the approved Mining Plan, the Project Proponent (PP) shall prepare and submit an 'Action Plan' for carrying out the realignment of the benches in the proposed quarry lease after it is approved by the concerned Asst. Director of Geology and Mining during the time of appraisal for obtaining the EC.
8. The PP shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per the MMR 1961 such as blaster, mining mate, mine foreman, II/I Class mines manager appointed by the proponent.
9. The PP shall present a conceptual design for carrying out only controlled blasting operation involving line drilling and muffle blasting in the proposed quarry such that the blast-induced ground vibrations are controlled as well as no fly rock travel beyond 30 m from the blast site.
10. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.
11. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,

- a. What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
  - b. Quantity of minerals mined out.
  - c. Highest production achieved in any one year
  - d. Detail of approved depth of mining.
  - e. Actual depth of the mining achieved earlier.
  - f. Name of the person already mined in that leases area.
  - g. If EC and CTO already obtained, the copy of the same shall be submitted.
  - h. Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
12. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
  13. The PP shall carry out Drone video survey covering the cluster, Green belt, fencing etc.,
  14. The PP shall furnish the revised manpower including the statutory & competent persons as required under the provisions of the MMR 1961 for the proposed quarry based on the volume of rock handled & area of excavation.
  15. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
  16. The Project Proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment and the remedial measures for the same.
  17. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be

  
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appointed as per the provisions of Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.

18. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
19. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
20. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
21. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
22. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
23. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.

24. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
25. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
26. Impact on local transport infrastructure due to the Project should be indicated.
27. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
28. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
29. Public Hearing points raised and commitments of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
30. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
31. The PP shall produce/display the EIA report, Executive summary and other related information with respect to public hearing in Tamil Language also.
32. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.
33. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the **appendix-I** in consultation with the DFO, State Agriculture University and local school/college authorities. The plant

  
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species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.

34. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site-specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
35. A Disaster Management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
36. A Risk Assessment and Management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
37. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
38. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
39. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
41. Benefits of the Project if the Project is implemented should be spelt out. The

benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.

42. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project Proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
43. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.
44. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.

**Agenda No: 369-25**

**(File No: 9714/2023)**

**Proposed Rough stone and Gravel quarry lease over an extent of 9.55.14 Ha in S.F. Nos. 1092/1, 1094, 1095/1, 1136/1 Thennilai West Village Pugalur Taluk, Karur District Tamil Nadu by Tmt G. Parameswari- For Terms of Reference. (SIA/TN/MIN/413123/2023, Dated: 06.01.2023)**

The proposal was earlier placed in the 366<sup>th</sup> meeting of SEAC held on 30.03.2023. SEAC decided to defer the subject stating that this subject will be taken up in ensuing meeting for further discussion.

Now the proposal was taken for discussion in this 369<sup>th</sup> meeting of SEAC held on 20.04.2023. The details of the project furnished by the proponent are available on the PARIVESH web portal (parivesh.nic.in). The Project Proponent gave a details power point presentation.

**The SEAC noted the following:**

1. The project proponent, Tmt G. Parameswari has applied seeking Terms of Reference for EIA study for the Proposed Rough stone and Gravel quarry lease over an extent of 9.55.14 Ha in S.F. Nos. 1092/1, 1094, 1095/1, 1136/1 Thennilai West Village Pugalur Taluk, Karur District Tamil Nadu.

  
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2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006, as amended.
3. As per the mining plan, the total production for the first 5 years not to exceed 11,03,357 m<sup>3</sup> of Rough stone & 2,41,818 m<sup>3</sup> of Gravel for the proposed depth of 30m BGL and in the second 5 years production shall not exceed 16,50,335 m<sup>3</sup> of Rough stone for the remaining depth of 30m BGL.

Based on the presentation made by the proponent, SEAC recommended to grant of **Terms of Reference (ToR) with Public Hearing for the restricted depth of 50m BGL in 10 years** subject to the following ToRs in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. **The Proponent shall submit revised mining plan approved by the competent authority for the restricted depth of 50m BGL in 10 years.**
2. Proponent shall furnish the letter received from DFO concerned stating the proximity details of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., up to a radius of 25 km from the proposed site.
3. Detailed study report on flora and fauna in and nearby the quarry site.
4. The Proponent shall develop greenbelt and garland drain around the boundary of the proposed quarry and the photographs indicating the same shall be shown during the EIA appraisal.
5. The Proponent shall carry out Bio diversity study through reputed Institution and the same shall be included in EIA Report.
6. The structures within the radius of (i) 100 m, (ii) 300 m, and (iii) 500 m shall be enumerated with details such as dwelling houses with number of occupants, whether it belongs to the owner (or) not, places of worship, industries, factories, sheds, etc.
7. The Proponent shall submit a conceptual 'Slope Stability Assessment' for the proposed quarry during the appraisal while obtaining the EC, when the depth of the proposed working is extended beyond 30 m below ground level.
8. The Proponent shall furnish the affidavit stating that the blasting operation in the proposed quarry is carried out by the statutory competent person as per



the MMR 1961 such as blaster, mining mate, mine foreman, II/I Class mines manager appointed by the proponent.

9. The Proponent shall present a conceptual design for carrying out only controlled blasting operation involving line drilling in the proposed quarry such that the blast-induced ground vibrations are controlled.
10. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.
11. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
  - a. What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
  - b. Quantity of minerals mined out.
  - c. Highest production achieved in any one year
  - d. Detail of approved depth of mining.
  - e. Actual depth of the mining achieved earlier.
  - f. Name of the person already mined in that leases area.
  - g. If EC and CTO already obtained, the copy of the same shall be submitted.
  - h. Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
12. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
13. The Proponent shall carry out Drone video survey covering the cluster, Green belt, fencing etc.,
14. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved

  
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mining plan.

15. The Project Proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment and the remedial measures for the same.
16. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
17. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
18. The Proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
19. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
20. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
21. Land use of the study area delineating forest area, agricultural land, grazing

- land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
22. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
  23. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
  24. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
  25. Impact on local transport infrastructure due to the Project should be indicated.
  26. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
  27. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
  28. Public Hearing points raised and commitments of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
  29. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
  30. The Proponent shall produce/display the EIA report, Executive summary and other related information with respect to public hearing in Tamil Language

also.

  
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31. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.
32. The purpose of Greenbelt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the **Appendix-I** in consultation with the DFO, & Tamil Nadu Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
33. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner
34. A Disaster management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
35. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
36. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
37. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary

allocations.

38. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
39. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
40. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
41. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project Proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
42. The Proponent shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.
43. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.

**Agenda No. 369 - 26**

**(File No. 9860/2023)**


**Proposed Rough Stone and Gravel quarry over an extent of 1.99.00 Ha in S.F.No. 49/2, 49/3 & 49/4A of Kovundampalayam Village, Gobichettipalayam Taluk, Erode District, Tamil Nadu by 1. Thiru. T. M. Manoharan, 2. Thiru. K. SUBRAMANIAM, 3. Thiru. R.P. JAGANATHAN for Terms of Reference. (SIA/TN/MIN/419734/2023, dated: 24.02.2023)**

The proposal was placed in this 366<sup>th</sup> Meeting of SEAC held on 30.03.2023. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website ([parivesh.nic.in](http://parivesh.nic.in)).

  
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The SEAC noted the following:

1. The project proponent, 1. Thiru. T. M. Manoharan, 2. Thiru. K. SUBRAMANIAM, 3. Thiru. R.P. JAGANATHAN has applied for Terms of Reference for the proposed Rough Stone and Gravel quarry over an extent of 1.99.00 Ha in S.F.No. 49/2, 49/3 & 49/4A of Kovundampalayam Village, Gobichettipalayam Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 10 years. The mining plan is for 5 years & production should not exceed 2,78,750 cu.m of Rough Stone and 31,200cu.m of Gravel. The annual peak production 65,720cu.m of Rough Stone & 13,200cu.m of Gravel. The depth of mining would be 32m BGL.
4. Earlier the proposal was placed in 366<sup>th</sup> SEAC meeting held on 30.03.2023. SEAC decided to defer the subject and this subject will be taken up in ensuing meeting for further discussion.

Subsequently, the proposal was placed in the 369<sup>th</sup> SEAC meeting held on 20.04.2023. Based on the presentation made by the proponent SEAC decided to recommend for grant of Terms of Reference (TOR) with Public Hearing, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The proponent is requested to submit the valid registered lease document during the EIA appraisal after the previous lease granted for the mining operations is legally surrendered (or) lapsed with the consent of the competent authority.
2. The proponent is requested to carry out a survey and enumerate on the structures located within 100m, 200m, 300m from the boundary of the mine lease area.
3. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.

4. The Project Proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Necessary data and documentation in this regard may be provided.
5. The proponent shall submit the details regarding the nature of blasting activity which will be carried out.
6. The PP shall furnish DFO letter stating that the proximity distance of Reserve Forests, Protected Areas, Sanctuaries, Tiger reserve etc., upto a radius of 25 km from the proposed site.
7. The PP shall provide individual notice regarding the Public Hearing to the nearby house owners located in the vicinity of the project site.
8. In the case of proposed lease in an existing (or old) quarry where the benches are non-existent (or) partially formed critical of the bench geometry approved in the Mining Plan, the Project Proponent (PP) shall prepare and submit an 'Action Plan' for carrying out the realignment of the 'highwall' benches to ensure slope stability in the proposed quarry lease which shall be vetted by the concerned Asst. Director of Geology and Mining, during the time of appraisal for obtaining the EC.
9. The Proponent shall submit a conceptual 'Slope Stability Plan' for the proposed quarry indicating the proposed stabilizing measures during the appraisal while obtaining the EC, as the depth of the proposed working is extended beyond 30 m below ground level.
11. If the blasting operation is to be carried out, the PP shall present a conceptual design for carrying out the NONEL initiation based controlled blasting operation involving line drilling & muffle blasting and Simulation Model indicating the anticipated Blast-induced Ground Vibration levels in the proposed quarry as stipulated by the DGMS Circular No.7 of 1997, during the EIA Proposal.

  
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12. Details of Green belt & fencing shall be included in the EIA Report.
13. The EIA Coordinators shall obtain and furnish the details of quarry/quarries operated by the proponent in the past, either in the same location or elsewhere in the State with video and photographic evidences.
14. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines.
  - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
  - b) Quantity of minerals mined out.
  - c) Highest production achieved in any one year
  - d) Detail of approved depth of mining.
  - e) Actual depth of the mining achieved earlier.
  - f) Name of the person already mined in that leases area.
  - g) If EC and CTO already obtained, the copy of the same shall be submitted.
  - h) Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
15. All corner coordinates of the mine lease area, superimposed on a High-Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
16. The PP shall carry out Drone video survey covering the cluster, Green belt, fencing etc.,
17. The Project Proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment and the remedial measures for the same.
18. The Project Proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to



be appointed as per the provisions of Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.

19. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
20. The Proponent shall carry out the Cumulative impact study due to mining operations carried out in the quarry specifically with reference to the specific environment in terms of soil health, biodiversity, air pollution, water pollution, climate change and flood control & health impacts. Accordingly, the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
21. Rain water harvesting management with recharging details along with water balance (both monsoon & non-monsoon) be submitted.
22. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
23. Details of the land for storage of Overburden/Waste Dumps (or) Rejects outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be provided.
24. Proximity to Areas declared as 'Critically Polluted' (or) the Project areas which attracts the court restrictions for mining operations, should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the TNPCB (or) Dept. of Geology and Mining should be secured and furnished to the effect that the proposed mining activities could be considered.
25. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
26. Impact on local transport infrastructure due to the Project should be indicated.

  
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27. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
28. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
29. Public Hearing points raised and commitments of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project and to be submitted to SEIAA/SEAC with regard to the Office Memorandum of MoEF& CC accordingly.
30. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
31. The PP shall produce/display the EIA report, Executive summary and other related information with respect to public hearing in Tamil Language also.
32. As a part of the study of flora and fauna around the vicinity of the proposed site, the EIA coordinator shall strive to educate the local students on the importance of preserving local flora and fauna by involving them in the study, wherever possible.
33. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the **appendix-1** in consultation with the DFO, State Agriculture University. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
34. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner

35. A Disaster management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
36. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report for the complete life of the proposed quarry (or) till the end of the lease period.
37. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
38. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
39. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
41. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
42. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project Proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
43. The PP shall prepare the EMP for the entire life of mine and also furnish the sworn affidavit stating to abide the EMP for the entire life of mine.

  
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44. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Conditions besides attracting penal provisions in the Environment (Protection) Act, 1986.

  
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## ANNEXURE-I

1. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferrous Mines Regulations, 1961.
2. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
3. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
4. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
5. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
6. The proponent shall ensure that the slope of dumps is suitably vegetated in scientific manner with the native species to maintain the slope stability, prevent erosion and surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.

  
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7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
8. The Project Proponent shall carry out slope stability study by a reputed academic/research institution such as NIRM, IIT, Anna University for evaluating the safe slope angle if the proposed dump height is more than 30 meters. The slope stability report shall be submitted to concerned Regional office of MoEF&CC, Govt. of India, Chennai as well as SEIAA, Tamilnadu.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper escapements as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during

daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and

  
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transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.

18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting




the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.

26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.

27. The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the **Appendix –II** of this minute.

  
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**Appendix -I**  
**List of Native Trees Suggested for Planting**

No	Scientific Name	Tamil Name	Tamil Name
1	<i>Aegle marmelos</i>	Vilvam	விவ்வம்
2	<i>Adenanthera pavonina</i>	Marjadi	மஞ்சள், சுமார்சுத்திரிணி
3	<i>Albizia lebbek</i>	Vaagai	வாளை
4	<i>Albizia amara</i>	Usil	உசில்
5	<i>Bauhinia purpurea</i>	Mantharai	மந்தரை
6	<i>Bauhinia racemosa</i>	Aathi	அத்தி
7	<i>Bauhinia tomentos</i>	Iruvathi	இருவத்தி
8	<i>Buchanania axillaris</i>	Kathuma	காடுமர
9	<i>Borassus flabellifer</i>	Panai	பனை
10	<i>Butea monosperma</i>	Murukkamaram	முருக்கமரம்
11	<i>Bobax caba</i>	Ilavu, Sevvilavu	இலவு
12	<i>Calophyllum inophyllum</i>	Punnai	புண்ணை
13	<i>Cassia fistula</i>	Serakondrai	சரகண்டிரை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கண்டிரை
15	<i>Chloroxylon sweitenia</i>	Purasamaram	புரசாமரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Cordia dichotoma</i>	Naruvuli	நரவூலி
18	<i>Cretova adansoni</i>	Mavalingum	மாவிளங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உவா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சிறு உவா
21	<i>Diospyro sebenum</i>	Karungali	கருங்கலி
22	<i>Diospyro schloroxylon</i>	Vaganai	வாகனா
23	<i>Ficus amplissima</i>	Kalltchi	கல் இச்சி
24	<i>Hibiscus tiliaceou</i>	Aatrupoovarasu	அத்தர்பூவரசு
25	<i>Hardwickia binata</i>	Aacha	அச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	அயிலி மரம், அயிலி
27	<i>Lansae coromandelica</i>	Odhiam	ஒடியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lapisanthus tetraphylla</i>	Neikottaimaram	நெய் செட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	விளா மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	பின்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Mimusops elengi</i>	Magizhamaram	மகிழாமரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுனா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுனா
38	<i>Phoenix sylvestre</i>	Eachai	நச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	புங்கம்

40	<i>Premna mollissima</i>	Mummai	முல்லை
41	<i>Premna serratifolia</i>	Naruminnai	நடு முல்லை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை முல்லை
43	<i>Prosopis cinerea</i>	Vanni maram	வாணி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வேனிமரத்தி
46	<i>Pterospermum xylocarpum</i>	Polavu	புலவு
47	<i>Puthranjiva roxburghii</i>	Karipala	கரிபலா
48	<i>Salvadora persica</i>	Ugaa Maram	உகா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிபுழை சோபுகாய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Strablus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தாள் கேட்டை
54	<i>Syzygium cumini</i>	Naval	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாண்டி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேனி மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தா வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	புலவை
59	<i>Walsuratrifoliata</i>	valsura	வால்சுரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பலை
61	<i>Pithecolobium dulce</i>	Kodukkapuli	கொடுக்காபுளி

  
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**Appendix –II**  
**Display Board**  
**(Size 6' x5' with Blue Background and White Letters)**

-----சுரங்கம்

சுரங்கங்களில் சுவாசி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAAY-----, தேதி\_\_\_\_\_, சுற்றுச்சூழல் அனுமதி \_\_\_\_\_ தேதி வரை செல்லத்தக்கதாக உள்ளது.

<b>பலகை பகுதி வகை/சரி செய்யப்பட்டுள்ளதா என்பதை திட்டம்</b>	<b>சுவாசியின் எல்லைமைச் சுற்றி வேலி அமைக்க வேண்டும்</b>
<b>நடப்பட்டுள்ள பராமரிக்கப்பட வேண்டிய பகுதிகள் எண்ணிக்கை:</b>	<b>சுரங்கங்களின் ஆழம் தராமட்டத்திலிருந்து _____ மீட்டர்க்கு பின்னால் இருக்க வேண்டும்.</b> <b>காற்றில் மிக எற்படாதவாறு சாங்க பணிகளை மேற்கொள்ள வேண்டும்.</b> <b>வாகனங்கள் செல்லும் பாதையில் மிக எற்படாத அளவிற்கு தள்ளிவைக்க முடியாத தளத்தில் வாகனங்கள் நிறுத்தி வைக்க அனுமதி வழங்க வேண்டும்.</b> <b>இயந்திர அமைப்புகள் மூலம் மிக எற்படாதவாறு சுவாசியின் எல்லைமைச் சுற்றி அடர்த்தியான பலகை பகுதியை ஏற்படுத்த வேண்டும்.</b>
	<b>சுரங்கத்தில் மொ. அமைப்புகள்/பொருது நிலத்தில்/வாசல் ஏற்படாதவாறு மற்றும் சுரங்கப் பாதைகளால் பாதுகாப்பு நடவடிக்கைகளை உடனடியாக மேம்படுத்தப்பட வேண்டும்.</b>
	<b>சுரங்கத்தில் இருந்து ஏற்படும் இயந்திர அமைப்பு 85 டி.பி.யில் (dBA) அளவிற்கு மேல் எற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.</b>
	<b>சுரங்க கட்டிட விலகல் 1933ல் கீழ் சுரங்கத்தில் உள்ள மனிதர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு கைநாடிமுள்ள கழிப்பறை வசதிகளை செய்ய நேர வேண்டும்.</b>
	<b>கிராம அல்லது பஞ்சாயத்து வாரியக வாகனங்கள் செல்லும் சாலைமை மேம்படுத்து தனது பராமரிக்க வேண்டும்.</b>
	<b>சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் தீர்மானங்கள் பாதிக்கப்படக் கூடாது.</b>
	<b>தீர்மானங்கள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் தகுந்த நிரல் தரத்தினை மேம்படுத்து எண்ணிக்கை வேண்டும்.</b>
	<b>சுரங்கத்திலிருந்து வரும் பொருட்களை எடுத்துச் செல்லும் கிராம மக்களுக்கு எந்தத் சிமந்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்பளிக்க மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வகையில் வாகனங்களை இயக்க வேண்டும்.</b>
	<b>சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.</b>
	<b>சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளை இடைமூலம் ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்ய தரவழங்கல் விவங்குகள் ஆகியவற்றின் வகை/சரிசுத்து ஏற்ற வகையில் பலகைப்பகுதியை உருவாக்க வேண்டும்.</b>
	<b>முழுமையான நிபந்தனைகளை அறிய பாரிவேஷ் (<a href="http://parivesh.nic.in">http://parivesh.nic.in</a>) என்பது இணையதளத்தைப் பார்க்கவும். மேலும் சுரங்கத் சுற்றுச்சூழல் சார்ந்த புள்ளிகளுக்கு சென்னைவில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சரவரின் ஒருங்கிணைந்த கட்டாய அனுமதி: 044 - 28222325 (அல்லது) துறைமுகம் மாக. கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் செயலகத்தை அணுகவும்.</b>

  
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